UNITED STATES OF AMERICA
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION

North American Electric Reliability Corporation	**)** **)**	**Docket No. _____**

PETITION OF THE NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION FOR APPROVAL OF REVISED DEFINITIONS OF TERMS USED IN RELIABILITY STANDARDS

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Pursuant to Section 215(d)(1) of the Federal Power Act ("FPA")[1] and Section 39.5[2] of the Federal Energy Regulatory Commission's ("FERC" or "Commission") regulations, the North American Electric Reliability Corporation ("NERC")[3] hereby submits for Commission approval proposed revised definitions of 26 terms in the *Glossary of Terms Used in NERC Reliability Standards* ("Glossary"). These revisions were developed as part of a broader effort to align the definitions of terms in the Glossary with those in the NERC Rules of Procedure to promote understanding and reduce confusion regarding the proper definitions of those terms.

NERC requests that the Commission approve the proposed revised definitions (**Exhibit A**) and find that they are just, reasonable, not unduly discriminatory or preferential, and in the public interest.[4] NERC also requests approval of the proposed implementation plan and the retirement of the currently-effective definitions (**Exhibit B)**.

Concurrently with this petition, NERC has filed for Commission approval a suite of revisions to the NERC Rules of Procedure, including corresponding alignment revisions to the

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[1] 16 U.S.C. § 824o (2012).

[2] 18 C.F.R. § 39.5 (2015).

[3] The Commission certified NERC as the electric reliability organization ("ERO") in accordance with Section 215 of the FPA on July 20, 2006. *N. Am. Elec. Reliability Corp.*, 116 FERC ¶ 61,062 (2006).

[4] Unless otherwise designated, capitalized terms shall have the meaning set forth in the *Glossary of Terms Used in NERC Reliability Standards* ("NERC Glossary of Terms"), *available at* http://www.nerc.com/files/Glossary_of_Terms.pdf.

definitions of 16 terms in Appendix 2 to the NERC Rules of Procedure. NERC respectfully requests that the Commission approve the proposed changes to the Glossary definitions contemporaneously with the proposed changes to the Rules of Procedure definitions to ensure that the definitions in each document are aligned.

As required by Section 39.5(a)[5] of the Commission's regulations, this petition presents the technical basis and purpose of the proposed revised definitions, a demonstration that the proposed revised definitions meet the criteria identified by the Commission in Order No. 672[6] (**Exhibit C**), and a summary of the development history (**Exhibit F**). The NERC Board of Trustees approved the proposed revised definitions on November 5, 2015.

I. EXECUTIVE SUMMARY

In this petition, NERC proposes revisions to the definitions of certain terms in the NERC Glossary as part of a broader effort to align the definitions of terms that appear in both the Glossary and the Rules of Procedure. Since the initial approval of the Glossary in 2007, there have been a number of standard development projects and Rules of Procedure revisions modifying the definitions of defined terms used in those documents. In some cases, this has resulted in the same defined term having a different definition in the Glossary and the Rules of Procedure. For certain defined terms, the differences in the definitions is appropriate, due to the usage of the term in the respective document. However, for other defined terms, having differences in the definitions—whether differences in capitalization, substance, or punctuation—could lead to confusion or misunderstanding.

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[5] 18 C.F.R. § 39.5(a) (2015).

[6] The Commission specified in Order No. 672 certain general factors it would consider when assessing whether a particular Reliability Standard is just and reasonable. *See Rules Concerning Certification of the Electric Reliability Organization; and Procedures for the Establishment, Approval, and Enforcement of Electric Reliability Standards*, Order No. 672, FERC Stats. & Regs. ¶ 31,204, at P 262, 321-37, *order on reh'g*, Order No. 672-A, FERC Stats. & Regs. ¶ 31,212 (2006).

To resolve these differences and promote consistency across NERC documents, NERC proposes revisions to 26 defined terms in the Glossary in this petition and proposes revisions to 16 defined terms in the Rules of Procedure in a separate, concurrently-filed petition.

As discussed in greater detail below, the proposed revisions are limited to those necessary to provide for properly-aligned definitions of defined terms found in both the Glossary and the Rules of Procedure. The proposed revisions are not intended to substantively change the original definitions or alter any obligation to comply with the Reliability Standards in which these defined terms are used. However, the proposed revisions would advance reliability by providing the users, owners, and operators of the Bulk-Power System, as well as the ERO Enterprise, with a better understanding of the terminology used in the Glossary and the Rules of Procedure, thereby facilitating the consistent interpretation and application of defined terms.

II. NOTICES AND COMMUNICATIONS

Notices and communications with respect to this filing may be addressed to the following:[7]

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III. BACKGROUND

A. Regulatory Framework

By enacting the Energy Policy Act of 2005,[8] Congress entrusted the Commission with the duties of approving and enforcing rules to ensure the reliability of the Bulk-Power System, and with the duties of certifying an ERO that would be charged with developing and enforcing mandatory Reliability Standards, subject to Commission approval. Section 215(b)(1)[9] of the FPA states that all users, owners, and operators of the Bulk-Power System in the United States will be subject to Commission-approved Reliability Standards. Section 215(d)(5)[10] of the FPA authorizes the Commission to order the ERO to submit a new or modified Reliability Standard. Section 39.5(a)[11] of the Commission's regulations requires the ERO to file with the Commission for its approval each Reliability Standard that the ERO proposes should become mandatory and

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[7] Persons to be included on the Commission's service list are identified by an asterisk.

[8] Energy Policy Act of 2005, Pub. L. No. 109-58, Title XII, Subtitle A, 119 Stat. 594, 941 (2005), codified at 16 U.S.C. § 824o (2012).

[9] 16 U.S.C. § 824o(b)(1).

[10] 16 U.S.C. § 824o(d)(5).

[11] 18 C.F.R. § 39.5(a) (2015).

enforceable in the United States, and each modification to a Reliability Standard that the ERO proposes should be made effective.

The Commission is vested with the regulatory responsibility to approve Reliability Standards that protect the reliability of the Bulk-Power System and to ensure that Reliability Standards are just, reasonable, not unduly discriminatory or preferential, and in the public interest. Pursuant to Section 215(d)(2) of the FPA[12] and Section 39.5(c)[13] of the Commission's regulations, the Commission will give due weight to the technical expertise of the ERO with respect to the content of a Reliability Standard.

B. NERC Reliability Standards Development Procedure

The proposed revised definitions were developed in an open and fair manner and in accordance with the Commission-approved Reliability Standard development process.[14] NERC develops definitions in accordance with Section 300 (Reliability Standards Development) of its Rules of Procedure and the NERC Standard Processes Manual.[15]

In its order certifying NERC as the ERO, the Commission found that NERC's proposed rules provide for reasonable notice and opportunity for public comment, due process, openness, and a balance of interests in developing Reliability Standards and thus satisfies certain of the criteria for approving Reliability Standards.[16] The development process is open to any person or entity with a legitimate interest in the reliability of the Bulk-Power System. NERC considers the

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[12] 16 U.S.C. § 824o(d)(2).

[13] 18 C.F.R. § 39.5(c)(1).

[14] *Rules Concerning Certification of the Electric Reliability Organization; and Procedures for the Establishment, Approval, and Enforcement of Electric Reliability Standards*, Order No. 672, FERC Stats. & Regs. ¶ 31,204, *order on reh'g*, Order No. 672-A, FERC Stats. & Regs. ¶ 31,212 (2006).

[15] The NERC Rules of Procedure are available at http://www.nerc.com/AboutNERC/Pages/Rules-of-Procedure.aspx. The NERC Standard Processes Manual is *available at* http://www.nerc.com/comm/SC/Documents/Appendix_3A_StandardsProcessesManual.pdf.

[16] 116 FERC ¶ 61,062 at P 250 (2006).

comments of all stakeholders, and a vote of stakeholders and the NERC Board of Trustees is required to approve a Reliability Standard before the Reliability Standard is submitted to the Commission for approval.

The proposed revised definitions described in this petition were developed in accordance with NERC's Commission-approved, ANSI-accredited processes for developing and approving definitions. **Exhibit F** includes a summary of the development history and record of development for the proposed revised definitions.

C. History of the Glossary and Appendix 2 to the NERC Rules of Procedure

NERC provides a brief description of the history and purpose of the Glossary and Appendix 2 to the Rules of Procedure, Definitions Used in the Rules of Procedure below.

1. History of the Glossary

In Order No. 693, the Commission approved 83 Reliability Standards and the Glossary.[17] The Glossary contains the definitions of terms used in NERC Reliability Standards. In Order No. 693, the Commission highlighted the role the Glossary plays in promoting a consistent and clear understanding of terms used throughout the Reliability Standards:

> The terms defined in the glossary have an important role in establishing consistent understanding of the Reliability Standards Requirements and implementation. The approval of the glossary will provide continuity in application of the glossary definitions industry-wide, and will eliminate multiple interpretations of the same term or function, which may otherwise create miscommunication and jeopardize Bulk-Power System reliability.[18]

The Commission further stated, "The glossary should be updated through the Reliability Standards development process whenever a new or revised Reliability Standard that includes a

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[17] *Mandatory Reliability Standards for the Bulk-Power System*, Order No. 693, FERC Stats. & Regs. ¶ 31,242 ("Order No. 693"), *order on reh'g*, Order No. 693-A, 120 FERC ¶ 61,053 (2007).

[18] Order No. 693 at P 1893.

new defined term is approved, or as needed to clarify compliance activities."[19] Since the Glossary was first approved in 2007, the Commission has approved new defined terms and revisions to the definitions of existing terms developed through the standard development process, as well as the retirement of previously-effective terms and definitions.

NERC maintains a comprehensive, up-to-date Glossary on its web site that reflects all defined terms used in Reliability Standards that have been approved by the NERC Board of Trustees.[20] The Glossary also reflects the status of Commission approval, includes approval and effective dates, and contains links to the archive of the development of each definition.

2. History of Appendix 2 to the Rules of Procedure

In 2011, at the Commission's suggestion, NERC petitioned to consolidate all of the defined terms contained in the various sections and appendices of the Rules of Procedure into one central location, Appendix 2 to the Rules of Procedure.[21] Appendix 2 contains all defined terms that are used in the Rules of Procedure, including its appendices, and provides for clear and consistent use of defined terms across the entire document. Where a defined term is intended to have a different meaning in a particular appendix or section, it is noted in Appendix 2.

In its November 2011 petition, NERC noted that many of the definitions in Appendix 2 were "taken largely from existing sources, including Section 215 of the FPA; the Commission's regulations; the NERC Bylaws, the NERC *Glossary of Terms Used in Reliability Standards*; and existing definitions found in the [Rules of Procedure] and Appendices . . . ."[22] NERC stated, "To

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[19] *Id.*

[20] The *Glossary of Terms Used in NERC Reliability Standards* is available on NERC's web site at: http://www.nerc.com/files/Glossary_of_Terms.pdf.

[21] *Petition for Approval of Revisions to the Rules of Procedure of the North American Electric Reliability Corporation*, Docket No. RR12-3-000 (Nov. 29, 2011) ("Nov. 2011 Petition"). The Commission approved these changes in January 2012. *See Order Approving Amendments to Rules of Procedure*, 138 FERC ¶ 61,072 (2012).

[22] Nov. 2011 Petition at 8.

the maximum extent possible, definitions of terms appearing in the Glossary of Terms Used in Reliability Standards were used as the definitions of those terms in Appendix 2, as this promotes even greater consistency of terms across relevant NERC documents."[23] NERC also noted that it included a number of defined terms "internal" to the definition of other defined terms to provide for a more complete understanding of these defined terms, and that the definitions for these "internal" terms were themselves taken from the Glossary.

As explained in the November 2011 Petition, in Appendix 2, definitions of terms taken from the Glossary are marked with two asterisks (**). Definitions of terms that are taken from Section 215 of the FPA or from the Commission's regulations at 18 C.F.R. Part 39 or Part 388 are marked with two plus signs (++).

D. Project 2015-04 Alignment of Terms

Since the initial development of the Glossary, there have been a number of standard development projects and Rules of Procedure revisions affecting the defined terms that are used in those documents. In some cases, the projects resulted in the same defined term having a different definition in the Glossary and the Rules of Procedure. For certain defined terms, the differences in the definitions is appropriate, due to the usage of the term in the respective document. However, for other defined terms, especially those defined terms denoted as having been taken from the Glossary, the differences in the definitions may lead to confusion or misunderstanding.

To address this issue, NERC initiated Project 2015-04 Alignment of Terms in March 2015. This project consisted of two phases corresponding to the two goals for the project. In Phase 1, the standard drafting team developed or recommended revisions to the definitions of

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[23] *Id.*

defined terms used in both the Glossary and Rules of Procedure in order to provide for consistent, aligned definitions across both documents.

In Phase 2, which is currently ongoing, the standard drafting team is assessing the current processes in place for the development and maintenance of defined terms and providing recommendations to enhance those processes to promote consistency and alignment when defined terms are developed or revised in the future.

1. Project Methodology

The Project 2015-04 standard drafting team began by reviewing the Rules of Procedure and the Glossary for defined terms that appear in both documents. The standard drafting team identified 55 of these defined terms, which it designated "cross-over terms."[24] The standard drafting team then compared the definition narrative of each of these 55 cross-over terms. The team determined that, of these 55 cross-over terms, 40 contained inconsistencies or differences in the definition narrative. In some cases, these differences were minor, reflecting capitalization of a term in one version of the definition and not the other, or one version of the definition would be missing a word or letter. In other cases, the differences were more significant. The standard drafting team identified common alignment issues and categorized the terms into one of four different "groups" based on the type of alignment issue identified. The groups are summarized as follows:

- **Group 1 Terms**: Cross-over terms that contain differences in the substance or content of the definition;
- **Group 2 Terms**: Cross-over terms that contain differences in the substance or content of the definition, but are subject to change. This category includes terms under revision, terms scheduled for retirement, and terms pending future enforcement;

[24] For a complete list of the cross-over terms, see Summary of Proposed Revisions to Align Cross-Over Terms (Ex. D) ("Summary") at Attachment 1.

- **Group 3 Terms**: Cross-over terms that contain differences in the capitalization of terms that are included in the definition narrative, but are otherwise aligned in substance and content; and

- **Group 4 Terms**: Cross-over terms that contain errata-type differences, such as the inadvertent omission of a word or a letter.

After identifying the cross-over terms with differences in the definition narrative and grouping them by issue, the standard drafting team undertook substantial background research to determine whether alignment revisions were appropriate. For each term, the standard drafting team considered: (i) the history of the term's definition; (ii) the intent of previous standard drafting teams; (iii) the relevant regulatory proceedings, including prior Commission orders; and (iv) the usage of the term in the Glossary, the relevant Reliability Standard(s), and the relevant Rules of Procedure provisions.

2. Proposed Revisions to Defined Terms and Summary of Development Process

Based on the results of its review and in consultation with NERC staff, the standard drafting team proposed or recommended alignment revisions to a total of 26 Glossary terms and 16 Rules of Procedure terms as follows:

- **Group 1 Terms**: changes proposed to the definitions of eight defined terms: two terms in the Glossary, three terms in the Rules of Procedure, and three terms in both the Glossary and Rules of Procedure;

- **Group 2 Terms**: changes proposed to the definitions of one defined term in both the Glossary and Rules of Procedure;

- **Group 3 Terms**: changes proposed the definitions of 22 defined terms: 16 terms in the Glossary, 3 terms in the Rules of Procedure, and 3 terms in both the Glossary and the Rules of Procedure; and

- **Group 4 Terms**: changes proposed to the definitions of three defined terms: two terms in the Rules of Procedure and one term in both the Glossary and the Rules of Procedure.

The Project 2015-04 standard drafting team declined to develop or recommend changes for six out of the 40 cross-over terms, including one Group 1 term[25] and five Group 2 terms.[26] The proposed revisions, which are discussed in more detail in the following section, are limited to those necessary to align the definitions for each of the defined terms identified as appropriate for alignment through this project. Technical revisions to the definitions were not in the scope of this project.

The proposed revisions to the definitions of the Glossary terms were developed and balloted through the standard development process. A summary of the development history is provided in **Exhibit F.** The proposed Rules of Procedure revisions were posted for public comment in accordance with Section 1400 of the Rules of Procedure. Both sets of proposed revised definitions were posted concurrently to promote understanding of the entire suite of proposed revisions and ensure that any incremental changes would continue to result in aligned definitions of these terms.

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[25] The standard drafting team declined to recommend changes to align the Glossary and Rules of Procedure definitions of Group 1 cross-over term "Net Energy for Load," due to the differing usage of the term in the respective documents. *See* Summary (Ex. D) Group 1 Terms at 15-17.

[26] Concurrently with this petition, NERC has filed a separate petition seeking approval of a suite of revisions to the Rules of Procedure to address compatibility with version 5 of the Critical Infrastructure Protection ("CIP") Reliability Standards. This petition addresses the four CIP-related cross-over terms (Critical Assets, Critical Cyber Assets, Cyber Assets, and Cyber Security Incident) identified by the standard drafting team as having different definitions in the Glossary and the Rules of Procedure now or following the effective date of version 5 of the CIP Reliability Standards. *See Petition of the North American Electric Reliability Corporation for Approval of Proposed Rules of Procedure Revisions*, Docket No. RR16-_-000 (filed Dec. 7, 2015) ("ROP Petition") and Summary (Ex. D) Group 2 Terms at 2-5.

The standard drafting team also declined to recommend changes to align the Glossary and Rules of Procedure definitions of the final Group 2 term, "Special Protection System." The standard drafting team noted that the definition of this term could be modified through another standard development project - Project 2010-05.3 Protection Systems. *See* Summary (Ex. D) Group 2 Terms at 9.

Both sets of revisions were approved by the NERC Board of Trustees on November 5, 2015. The proposed revisions to the Rules are Procedure are the subject of a separate petition filed concurrently with this petition.[27]

IV. JUSTIFICATION FOR APPROVAL

As discussed in **Exhibit C** and below, the proposed revised definitions satisfy the Commission's criteria in Order No. 672, and are just, reasonable, not unduly discriminatory or preferential, and in the public interest.

The proposed revised definitions enhance reliability by providing the users, owners, and operators of the Bulk-Power System, as well as the ERO Enterprise, with a better understanding of the terminology used in the Glossary and the Rules of Procedure. Aligning terms—where it is appropriate to do so in light of the history, usage of the term, and other relevant considerations—helps to avoid confusion and promotes consistent interpretations and applications of defined terms.

As noted above, the proposed revisions are limited to those necessary to align the definitions of terms. The proposed revisions do not substantively change the original definitions and do not alter any obligation to comply with the Reliability Standards in which these defined terms are used.

Provided below is a summary of the proposed revised definitions, including the basis for the revisions and a discussion of prior proceedings. Additional information regarding the standard drafting team's analysis for each term is available in the Summary of Proposed Revisions to Align Cross-Over Terms document, attached hereto as **Exhibit D,** and the Proposed Errata or Non-Substantive Revisions to Glossary Terms document, attached hereto as **Exhibit E**.

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[27] *See* ROP Petition.

The terms are organized by the grouping assigned by the Project 2014-04 standard drafting team. A discussion of the proposed implementation plan follows.

A. "Group 1" Terms: Revisions to Align Differences in the Substance or Content in the Definition of a Defined Term

NERC proposes revisions to a total of five Group 1 terms in the Glossary: Bulk-Power System, Reliability Standard, Generator Operator, Generator Owner, and System Operating Limit.[28] The rationale for the revisions to each Glossary term is provided below.

1. Bulk-Power System and Reliability Standard

In 2013, the Commission approved the currently-effective Glossary definitions of Bulk-Power System and Reliability Standard.[29] NERC developed the currently-effective definitions in response to a Commission directive from Order No. 693 to modify the Glossary to include the statutory definitions of these terms.[30] The currently-effective definitions of Bulk Power System and Reliability Standard in the Rules of Procedure were approved by the Commission in 2007.[31]

Although the definitions of both terms in the Glossary and Rules of Procedure are generally consistent with each other and the statutory and regulatory definitions, there are some minor differences in the definition narratives. NERC proposes modest changes to the definitions of these terms as they appear in the Glossary and the Rules of Procedure in order to promote a consistent understanding of the terms.

In the Glossary definition of Bulk-Power System, NERC proposes to eliminate the hyphen to align with the Rules of Procedure. The Rules of Procedure refer to "Bulk Power

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[28] Of these terms, NERC separately proposes alignment revisions to Rules of Procedure defined terms Bulk Power System, Reliability Standard, and System Operating Limit.

[29] *N. Am. Elec. Reliability Corp*., Docket No. RD13-10-000 (Jul. 9, 2013) (unpublished letter order).

[30] *See* Order No. 693 at P 1894. "Bulk-power system" and "reliability standard" are defined in Section 215 of the FPA (16 U.S.C. § 824o) and the Commission's regulations at 18 C.F.R. part 39.

[31] *Order on Compliance Filing* at P 223, Docket No. RR06-1-003 (Jan. 18, 2007).

System", without the hyphen. The hyphen between "bulk" and "power" is not used, because it is not being used as a compound modifier.[32] To clarify that the terms "Bulk Power System" and "Bulk-Power System" are intended to have the same, statutory meaning across both documents, NERC proposes the inclusion of a parenthetical following the definition as follows:

Bulk-_Power System:

> (A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and
> (B) electric energy from generation facilities needed to maintain transmission system reliability.
> The term does not include facilities used in the local distribution of electric energy. (Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning.)

Similarly, NERC proposes to modify the Glossary definition of Reliability Standard to refer to "Bulk Power System" instead of "Bulk-Power System."[33]

Additional information regarding the corresponding proposed revisions to the Rules of Procedure definitions is available in that petition and in Exhibits D and E.

2. Generator Operator and Generator Owner

The currently-effective Glossary definitions of Generator Operator and Generator Owner were approved by the Commission in 2007 in Order No. 693.[34] NERC proposes to amend the Glossary definitions of Generator Operator and Generator Owner to align them with the recently

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[32] *See* Summary Group 1 Terms at 8.

[33] In addition, NERC notes that it will remove the brackets used to offset the capitalized form of the terms Bulk-Power System and Reliable Operation in the definition of Reliability Standard, as these terms and their usage in the capitalized form in the definition of Reliability Standard have been approved. *See N. Am. Elec. Reliability Corp.*, Docket No. RD13-10-000 at 2 (Jul. 9, 2013) (unpublished letter order).

[34] Order No. 693 at P 1893 ("The Commission approves the glossary.").

revised Rules of Procedure definitions approved by the Commission in March 2015.[35]

NERC developed the revised Rules of Procedure definitions through its Risk Based Registration initiative. As explained in NERC's December 2014 petition, NERC updated the definitions of Generator Operator and Generator Owner to align them with the new Bulk Electric System definition that became effective on July 1, 2014. Specifically, the references to generating "units" were replaced with generating "Facility(ies)"; i.e., Bulk Electric System generation.[36]

To align the definitions of these terms, NERC proposes the following revisions to the Glossary definitions:

> Generator Operator: The entity that operates generating Facility(ies) ~~unit(s~~) and performs the functions of supplying energy and Interconnected Operations Services.
>
> Generator Owner: Entity that owns and maintains generating Facility(ies) ~~units~~.

By replacing the undefined term "unit" with the defined term Facility, consistent with prior approved revisions to the Rules of Procedure, the proposed Glossary revisions will provide a clear and consistent understanding of what constitutes a Generator Owner and Generator Operator in both the Rules of Procedure and the Reliability Standards.

3. System Operating Limit

In the Glossary, changes are proposed to provide for the correct and consistent capitalization of terms used in the definition narrative, as shown below:

> The value (such as MW, ~~MVar~~ Mvar, ~~Amperes~~ amperes, ~~Frequency~~ frequency or ~~Volts~~ volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to

[35] *Order on Electric Reliability Organization Risk Based Registration Initiative and Requiring Compliance Filing*, 150 FERC ¶ 61,213 (Mar. 19, 2015).

[36] *Petition of the North American Electric Reliability Corporation for Approval of Risk-Based Registration Initiative Rules of Procedure Revisions* at 51, Docket No. RR15-4-000 (filed Dec. 11, 2014) ("RBR Petition").

ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to:

• Facility Ratings (~~Applicable~~ applicable pre- and post-Contingency ~~equipment~~ Equipment Ratings or ~~facility~~ Facility ~~ratings~~ Ratings)

• ~~Transient~~ transient ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Stability~~ stability ~~Limits~~ limits)

• ~~Voltage~~ voltage ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Stability~~ stability)

• ~~System~~ system ~~Voltage~~ voltage ~~Limits~~ limits (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Limits~~ limits)

Capitalization of the value terms is revised for consistency with the common usage of these terms and the usage in the Rules of Procedure. The standard drafting team reviewed each of the remaining terms in the narrative to determine whether the terms were defined in the Glossary and, if so, whether the terms were intended to have the defined meaning. The terms "Transient Stability Ratings", "Voltage Stability Ratings", and "System Voltage Limits" in the operating criteria examples are revised to lower-case form as they are not terms defined in the Glossary. The terms "equipment rating" and "facility ratings" are capitalized, as they are defined terms and each is intended to have the meaning of the defined term within the System Operating Limit definition narrative.

As discussed in the ROP Petition, changes are proposed to the Rules of Procedure definition of System Operating Limit to include the operating criteria examples provided for illustration in the Glossary definition.

B. "Group 2" Terms: Revisions to Align Differences in the Substance or Content in the Definition of a Defined Term Pending Approval

NERC proposes revisions to one Group 2 term: Interconnection. Specifically, NERC proposes to align the definition of Interconnection in the Glossary and the Rules of Procedure through the creation of a single, combined definition for both documents. The currently-effective Rules of Procedure definition of Interconnection tracks the definition in Section 215 of the FPA, and provides a description of the concept of an Interconnection and the criteria used to identify one. By contrast, the currently-effective Glossary definition specifically identifies the geographical areas in North America that constitute an Interconnection: the Eastern, Western, and ERCOT Interconnections. In April 2014, the Commission approved a revised Glossary definition of Interconnection to include the Quebec Interconnection, to become effective July 1, 2016.[37]

Although the definitions for Interconnection explain the concept differently, the definitions are consistent with each other and Section 215 of the FPA. Therefore, there is a benefit to combining both the conceptual and specific definitions into one comprehensive definition for both the Rules of Procedure and the Glossary. NERC proposes to combine the currently-effective Rules of Procedure definition and the approved, but not yet effective Glossary definition as shown below:

> A geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control. When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.

[37] *See* Order No. 810, *Real Power Balancing Control Performance Reliability Standard*, 151 FERC ¶ 61,048 (2015).

NERC proposes corresponding changes to the Rules of Procedure, as discussed in that petition.

C. "Group 3" Terms: Revisions to Align Capitalization of Terms within the Definition Narrative

NERC proposes revisions to 19 total terms in the Glossary to align the capitalization of defined terms within the definition narrative to the capitalization of those terms in the Rules of Procedure definitions.[38] In determining whether to capitalize an internal term that is also defined in the Glossary, the standard drafting team reviewed the usage of the internal term to determine whether it was intended to be used according to its defined meaning in the definition narrative. In addition, the standard drafting team reviewed internal terms that are capitalized to ensure that they are in fact defined terms, and made revisions where they were not. The proposed capitalization changes described in this section are not intended to alter the substance of any defined term or alter any obligation to comply with the Reliability Standard in which the defined term is used.

1. Blackstart Resource

NERC is proposing to align the Glossary definition of Blackstart Resource to the definition in the Rules of Procedure by capitalizing the phrase "Real and Reactive Power" within the definition narrative as follows:

> A generating unit(s) and its associated set of equipment which has the ability to be started without support from the System or is designed to remain energized without connection to the remainder of the System, with the ability to energize a bus, meeting the Transmission Operator's restoration plan needs for ~~real~~ Real and ~~reactive~~ Reactive ~~power~~ Power capability, frequency and voltage control, and that has been included in the Transmission Operator's restoration plan.

[38] For three of these terms (Point of Receipt, Reliable Operation, and Reserve Sharing Group), NERC separately proposes capitalization revisions to the Rules of Procedure definitions.

The terms Real Power and Reactive Power are defined in the Glossary. Further, as used in the definition of Blackstart Resource, these terms are intended to have the meaning of the defined terms.[39] Therefore, it is appropriate to capitalize these terms in the Glossary in order to align the Glossary and Rules of Procedure definitions.

2. Cascading

NERC is proposing to align the Glossary definition of Cascading to the definition in the Rules of Procedure by capitalizing the two terms "System" and "Elements" within the definition narrative as follows:

> The uncontrolled successive loss of ~~system~~ System ~~elements~~ Elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be restrained from sequentially spreading beyond an area predetermined by studies.

The terms System and Element are defined in the Glossary. The standard drafting team determined that these terms were intended to be used according to their defined meanings in the definition of Cascading.[40] Therefore, NERC proposes to align the Rules of Procedure and Glossary definitions of Cascading by capitalizing these terms in the Glossary.

3. Distribution Provider

NERC is proposing to align the Glossary definition of Distribution Provider to the definition in the Rules of Procedure by removing the incorrect capitalization of "Distribution" as follows:

> Provides and operates the "wires" between the transmission system and the end-use customer. For those end-use customers who are served at transmission voltages, the Transmission Owner also serves as the Distribution Provider. Thus, the Distribution Provider is not

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39 *See* Summary (Ex. D) Group 3 Terms at 3.

40 *Id*.

> defined by a specific voltage, but rather as performing the ~~Distribution~~ distribution function at any voltage.

As a standalone term, "Distribution" is not a defined term in either the Glossary or the Rules of Procedure. Therefore, this revision is necessary not only for alignment purposes but for correction purposes as well.

4. Element

The proposed definition of Element will align with the definition in the Rules of Procedure by capitalizing the term "Element" within the definition narrative as follows:

> Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An ~~element~~ Element may be comprised of one or more components.

In the definition of Element, the term is used to demonstrate a potential characteristic of an Element (i.e., it may be comprised of one or more components). Therefore, it is appropriate to capitalize the term consistently with the definition in the Rules of Procedure.

5. Interconnected Operations Service

NERC proposes capitalizing two defined terms within the Glossary definition of Interconnected Operations Service as follows:

> A service (exclusive of basic energy and ~~transmission services~~ Transmission Services) that is required to support the ~~reliable operation~~ Reliable Operation of interconnected Bulk Electric Systems.

Both Transmission Service and Reliable Operation are defined terms in the Glossary. Following a review, the standard drafting team determined that both terms are intended to be used according to their defined meanings within the definition of Interconnected Operations

Service.[41] Therefore, NERC proposes to align the definitions of Interconnected Operations Service in the Glossary and the Rules of Procedure by capitalizing these two terms.

6. Load-Serving Entity

NERC also proposes to capitalize the defined term "Transmission Service"[42] within the definition of Load-Serving Entity as follows:

> Secures energy and ~~transmission~~ Transmission ~~service~~ Service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.

This proposed revision to the Glossary will result in aligned definitions of Load-Serving Entity in the Rules of Procedure and the Glossary.

7. Planning Authority

NERC proposes to align the definition of Planning Authority in the Glossary to the definition in the Rules of Procedure through the following proposed revisions:

> The responsible entity that coordinates and integrates transmission ~~facility~~ Facilities and service plans, resource plans, and ~~protection~~ Protection ~~systems~~ Systems.

The standard drafting team determined that the terms "Facilities" and "Protection Systems" should be capitalized because they are defined terms in the Glossary and their usage in this definition narrative is intended to have the meaning of the defined terms.[43]

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41 *Id.* at 5.

42 *Id.*

43 *See* Summary (Ex. D) Group 3 Terms at 5.

8. Point of Receipt

NERC is proposing to align the Glossary definition of Point of Receipt to the definition in the Rules of Procedure by removing the incorrect capitalization of "Generator" as follows:

> A location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a ~~Generator~~ generator delivers its output.

Generator, as a standalone term, is not a defined term in either the Glossary or the Rules of Procedure. Therefore, this revision is necessary not only for alignment purposes but for correction purposes as well.

9. Reactive Power

NERC is proposing to align the Glossary definition of Reactive Power to the definition in the Rules of Procedure through the following revisions:

> The portion of electricity that establishes and sustains the electric and magnetic fields of alternating-current equipment. Reactive ~~power~~ Power must be supplied to most types of magnetic equipment, such as motors and transformers. It also must supply the reactive losses on transmission facilities. Reactive ~~power~~ Power is provided by generators, synchronous condensers, or electrostatic equipment such as capacitors and directly influences electric system voltage. It is usually expressed in kilovars (kvar) or megavars (Mvar).

The standard drafting team determined that it is appropriate to capitalize "Power" because "Reactive Power" is the defined term. Further, as the definition narrative refers to what Reactive Power is, its usage in this definition narrative is intended to have the meaning of the defined term.[44]

[44] *Id*. at 6.

10. Real Power

NERC proposes to capitalize the defined term "Load" within the definition of Real Power as follows:

> The portion of electricity that supplies energy to the ~~load~~ Load.

It is appropriate to capitalize the term "Load" within this definition narrative because it is a defined term and its usage in this definition narrative is intended to have the meaning of the defined term. Specifically, in the definition narrative of Real Power, use of the word "load" is intended to mean an end-use device or customer.[45] This proposed revision to the Glossary will result in aligned definitions of Real Power in the Rules of Procedure and the Glossary.

11. Reliability Coordinator

NERC is proposing to align the Glossary definition of Reliability Coordinator to the definition in the Rules of Procedure by capitalizing the term "Reliable Operation" as follows:

> The entity that is the highest level of authority who is responsible for the ~~reliable~~ Reliable ~~operation~~ Operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis and real-time operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.

The standard drafting team determined that it is appropriate to capitalize "Reliable Operation" because it is a defined term and its usage in the definition narrative is intended to have the meaning of the defined term.[46]

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45 *Id.*

46 *Id.* at 7.

12. Reliable Operation

As noted above in Section IV.A.1, NERC is proposing to modify the definition of "Bulk-Power System" to "Bulk Power System." Therefore, NERC also proposes to replace "Bulk-Power System" with "Bulk Power System" in the definition of Reliable Operation.[47]

As described in the ROP Petition, NERC is also proposing revisions to the capitalization of terms in the Rules of Procedure definition of Reliable Operation to be consistent with the capitalization of those terms in the Glossary.

13. Reserve Sharing Group

NERC is proposing to align the Glossary definition of Reserve Sharing Group to the definition in the Rules of Procedure by removing the incorrect capitalization of "Disturbance Control Performance" and "Areas" as follows:

> A group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (e.g., ten minutes). If the transaction is ramped in quicker (e.g., between zero and ten minutes) then, for the purposes of ~~Disturbance~~ disturbance ~~Control~~ control ~~Performance~~ performance, the ~~Areas~~ areas become a Reserve Sharing Group.

Disturbance control performance is not a defined term in either the Glossary or the Rules of Procedure, nor is the term "Area". Therefore, these revisions are necessary not only for alignment purposes but for correction purposes as well.

To achieve complete alignment, NERC separately proposes minor grammatical revisions to the Rules of Procedure definition.

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[47] NERC also notes that it will remove the brackets offsetting the capitalized form of the term "Bulk-Power System" or "Bulk Power System." *See supra* n. 33.

14. Resource Planner, Transmission Planner

As described above, "Area" is not a defined term, nor is the term "Planning Authority Area". Therefore, NERC proposes to revise the capitalization of the term "Area" in the Glossary definitions of Resource Planner and Transmission Planner as follows:

> Resource Planner: The entity that develops a long-term (generally one year and beyond) plan for the resource adequacy of specific loads (customer demand and energy requirements) within a Planning Authority ~~Area~~ area.
>
> Transmission Planner: The entity that develops a long-term (generally one year and beyond) plan for the reliability (adequacy) of the interconnected bulk electric transmission systems within its portion of the Planning Authority ~~Area~~ area.

These revisions will result in the alignment of these definitions in the Glossary and Rules of Procedure.

15. Transmission Customer, Transmission Service Provider

NERC proposes two revisions to the Glossary definition of the term "Transmission Customer" to align to the definition in the Rules of Procedure, as shown below:

> 1. Any eligible customer (or its designated agent) that can or does execute a ~~transmission~~ Transmission ~~service~~ Service agreement or can or does receive ~~transmission~~ Transmission ~~service~~ Service.
>
> 2. Any of the following ~~responsible~~ entities: Generator Owner, Load-Serving Entity, or Purchasing-Selling Entity.

First, NERC proposes to capitalize "transmission service", as it is a defined term in the Glossary and its usage in this definition is intended to have the meaning of the defined term.[48] Second, NERC proposes to remove the word "responsible" from the second part of the definition referring to "responsible entities". The word "responsible" was originally included in the Rules

[48] *See* Summary (Ex. D) Group 3 Terms at 9-10.

of Procedure definition, but was recently removed as part of the Risk-Based Registration project.[49] The Glossary definition should be updated to reflect these recent changes.

Similarly, NERC proposes to capitalize the term "Transmission Service" in the Glossary definition of Transmission Service Provider, as shown below:

> The entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable ~~transmission~~ Transmission ~~service~~ Service agreements.

16. Transmission Operator, Transmission Owner

NERC proposes to capitalize the term "Facilities" in the definition of Transmission Operator and Transmission Owner to align with the definitions in the Rules of Procedure.

> Transmission Operator: The entity responsible for the reliability of its "local" transmission system, and that operates or directs the operations of the transmission ~~facilities~~ Facilities.
>
> Transmission Owner: The entity that owns and maintains transmission ~~facilities~~ Facilities.

The term Facility is a defined term in the Glossary and the Rules of Procedure and its usage in these definition narratives is intended to have the meaning of the defined term.[50]

D. Group 4: Revisions to Align Definitions by Correcting Minor Differences

In the Glossary term Interchange Authority, NERC proposes to insert the term "the" between "authorizes" and "implementation" to align the definition to that in the Rules of Procedure:

> The responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communication of Interchange information for reliability assessment purposes.

A second errata change is separately proposed to the Rules of Procedure definition to

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49 *See* RBR Petition at Exhibit B.

50 *See* Summary (Ex. D) Group 3 Terms at p. 9-10.

achieve complete alignment in the definitions.

E. Proposed Implementation Plan

As described in detail above, the revisions proposed to the Glossary terms addressed in this petition are intended to provide for consistent, aligned definitions of terms used in both the Glossary and the Rules of Procedure. The proposed revisions do not affect the scope, intent, or meaning of the Reliability Standards in which these terms are used. Therefore, the proposed implementation plan, attached hereto as **Exhibit B**, provides that the revised definitions would become effective the first day of the first calendar quarter following regulatory approval. However, because the proposed definition of Interconnection combines a currently-effective definition in the Rules of Procedure with a Glossary definition that has been approved by the Commission but will not become effective until July 1, 2016, the proposed implementation plan provides that the revised terms shall not become effective earlier than July 1, 2016.

V. CONCLUSION

For the reasons set forth above, NERC respectfully requests that the Commission:

- approve the revised definitions for the Glossary defined terms set forth in Exhibit A;
- approve the implementation plan attached hereto as Exhibit B; and
- approve the retirement of the currently-effective definitions of Glossary terms discussed herein and, in the case of Interconnection, the currently-effective definition and the Commission-approved definition scheduled to become effective on July 1, 2016.

Respectfully submitted,

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December 7, 2015

Exhibit A

Proposed Revised Definitions for Use in Reliability Standards

Proposed Revisions to the Glossary of Terms

Project 2015-04 – Alignment of Terms

#	Term	Existing Glossary definition	Redline of Glossary definition
4	Blackstart Resource	A generating unit(s) and its associated set of equipment which has the ability to be started without support from the System or is designed to remain energized without connection to the remainder of the System, with the ability to energize a bus, meeting the Transmission Operator's restoration plan needs for real and reactive power capability, frequency and voltage control, and that has been included in the Transmission Operator's restoration plan.	A generating unit(s) and its associated set of equipment which has the ability to be started without support from the System or is designed to remain energized without connection to the remainder of the System, with the ability to energize a bus, meeting the Transmission Operator's restoration plan needs for ~~real~~ Real and ~~reactive~~ Reactive ~~power~~ Power capability, frequency and voltage control, and that has been included in the Transmission Operator's restoration plan.
6	Bulk-Power System	Bulk-Power System: A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and (B) electric energy from generation facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy.	Bulk~~-~~ Power System: (A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and (B) electric energy from generation facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy. (Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning.)

7	Cascading	The uncontrolled successive loss of system elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be restrained from sequentially spreading beyond an area predetermined by studies.	The uncontrolled successive loss of ~~system~~ System ~~elements~~ Elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be restrained from sequentially spreading beyond an area predetermined by studies.
13	Distribution Provider	Provides and operates the "wires" between the transmission system and the end-use customer. For those end-use customers who are served at transmission voltages, the Transmission Owner also serves as the Distribution Provider. Thus, the Distribution Provider is not defined by a specific voltage, but rather as performing the Distribution function at any voltage.	Provides and operates the "wires" between the transmission system and the end-use customer. For those end-use customers who are served at transmission voltages, the Transmission Owner also serves as the Distribution Provider. Thus, the Distribution Provider is not defined by a specific voltage, but rather as performing the ~~Distribution~~ distribution function at any voltage.
14	Element	Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An element may be comprised of one or more components.	Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An ~~element~~ Element may be comprised of one or more components.
17	Generator Operator	The entity that operates generating unit(s) and performs the functions of supplying energy and Interconnected Operations Services.	The entity that operates generating Facility(ies) ~~unit(s)~~ and performs the functions of supplying energy and Interconnected Operations Services.
18	Generator Owner	Entity that owns and maintains generating units.	Entity that owns and maintains generating Facility(ies)~~units~~.

20	Interchange Authority	The responsible entity that authorizes implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communication of Interchange information for reliability assessment purposes.	The responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communication of Interchange information for reliability assessment purposes.
24	Interconnected Operations Service	A service (exclusive of basic energy and transmission services) that is required to support the reliable operation of interconnected Bulk Electric Systems.	A service (exclusive of basic energy and ~~transmission~~ Transmission ~~services~~Services) that is required to support the ~~reliable~~ Reliable ~~operation~~ Operation of interconnected Bulk Electric Systems.
25	Interconnection	**Effective beginning 7/1/16**: When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.	A geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control. When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.
28	Load-Serving Entity	Secures energy and transmission service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.	Secures energy and ~~transmission~~ Transmission ~~service~~ Service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.

31	Planning Authority	The responsible entity that coordinates and integrates transmission facility and service plans, resource plans, and protection systems.	The responsible entity that coordinates and integrates transmission ~~facility~~ Facilities and service plans, resource plans, and ~~protection~~ Protection ~~systems~~Systems.
33	Point of Receipt	A location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a Generator delivers its output.	A location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a ~~Generator~~ generator delivers its output.
36	Reactive Power	The portion of electricity that establishes and sustains the electric and magnetic fields of alternating-current equipment. Reactive power must be supplied to most types of magnetic equipment, such as motors and transformers. It also must supply the reactive losses on transmission facilities. Reactive power is provided by generators, synchronous condensers, or electrostatic equipment such as capacitors and directly influences electric system voltage. It is usually expressed in kilovars (kvar) or megavars (Mvar).	The portion of electricity that establishes and sustains the electric and magnetic fields of alternating-current equipment. Reactive ~~power~~ Power must be supplied to most types of magnetic equipment, such as motors and transformers. It also must supply the reactive losses on transmission facilities. Reactive ~~power~~ Power is provided by generators, synchronous condensers, or electrostatic equipment such as capacitors and directly influences electric system voltage. It is usually expressed in kilovars (kvar) or megavars (Mvar).
37	Real Power	The portion of electricity that supplies energy to the load.	The portion of electricity that supplies energy to the ~~load~~Load.
38	Reliability Coordinator	The entity that is the highest level of authority who is responsible for the reliable operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis and real-time	The entity that is the highest level of authority who is responsible for the ~~reliable~~ Reliable ~~operation~~ Operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in

		operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.	both next-day analysis and real-time operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.
40	Reliability Standard	A requirement, approved by the United States Federal Energy Regulatory Commission under this Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk-Power System]. The term includes requirements for the operation of existing bulk-power system [Bulk-Power System] facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk-Power System], but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity.	A requirement, approved by the United States Federal Energy Regulatory Commission under ~~this~~ Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for ~~reliable operation [~~Reliable Operation~~]~~ of the ~~bulk-power system [~~Bulk~~-~~ Power System~~]~~. The term includes requirements for the operation of existing ~~bulk-power system [~~Bulk~~-~~ Power System~~]~~ facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for ~~reliable operation [~~Reliable Operation~~]~~ of the ~~bulk-power system [~~Bulk~~-~~ Power System~~]~~, but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity.
41	Reliable Operation	Operating the elements of the bulk-power system [Bulk-Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements.	Operating the elements of the ~~bulk-power system [~~Bulk~~-~~ Power System~~]~~ within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements.

42	Reserve Sharing Group	A group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (e.g., ten minutes). If the transaction is ramped in quicker (e.g., between zero and ten minutes) then, for the purposes of Disturbance Control Performance, the Areas become a Reserve Sharing Group.	A group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (*e.g.*, ten minutes). If the transaction is ramped in quicker (*e.g.*, between zero and ten minutes) then, for the purposes of ~~Disturbance~~ disturbance ~~Control~~ control ~~Performance~~performance, the ~~Areas~~ areas become a Reserve Sharing Group.
43	Resource Planner	The entity that develops a long-term (generally one year and beyond) plan for the resource adequacy of specific loads (customer demand and energy requirements) within a Planning Authority Area.	The entity that develops a long-term (generally one year and beyond) plan for the resource adequacy of specific loads (customer demand and energy requirements) within a Planning Authority ~~Area~~area.
48	System Operating Limit	The value (such as MW, MVar, Amperes, Frequency or Volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to: • Facility Ratings (Applicable pre- and post-Contingency equipment or facility ratings)	The value (such as MW, ~~MVar~~Mvar, ~~Amperes~~amperes, ~~Frequency~~ frequency or ~~Volts~~volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to:

		• Transient Stability Ratings (Applicable pre- and post-Contingency Stability Limits) • Voltage Stability Ratings (Applicable pre- and post-Contingency Voltage Stability) • System Voltage Limits (Applicable pre- and post-Contingency Voltage Limits)	• Facility Ratings (~~Applicable~~ applicable pre- and post-Contingency ~~equipment~~ Equipment Ratings or ~~facility~~ Facility ~~ratings~~Ratings) • ~~Transient~~ transient ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Stability~~ stability ~~Limits~~limits) • ~~Voltage~~ voltage ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Stability~~stability) • ~~System~~ system ~~Voltage~~ voltage ~~Limits~~ limits (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Limits~~limits)
49	Transmission Customer	1. Any eligible customer (or its designated agent) that can or does execute a transmission service agreement or can or does receive transmission service. 2. Any of the following responsible entities: Generator Owner, Load-Serving Entity, or Purchasing-Selling Entity.	1. Any eligible customer (or its designated agent) that can or does execute a ~~transmission~~ Transmission ~~service~~ Service agreement or can or does receive ~~transmission~~ Transmission ~~service~~Service. 2. Any of the following ~~responsible~~ entities: Generator Owner, Load-Serving Entity, or Purchasing-Selling Entity.
50	Transmission Operator	The entity responsible for the reliability of its “local” transmission system, and that operates or directs the operations of the transmission facilities.	The entity responsible for the reliability of its “local” transmission system, and that operates or directs the operations of the transmission ~~facilities~~Facilities.
51	Transmission Owner	The entity that owns and maintains transmission facilities.	The entity that owns and maintains transmission ~~facilities~~Facilities.

52	Transmission Planner	The entity that develops a long-term (generally one year and beyond) plan for the reliability (adequacy) of the interconnected bulk electric transmission systems within its portion of the Planning Authority Area.	The entity that develops a long-term (generally one year and beyond) plan for the reliability (adequacy) of the interconnected bulk electric transmission systems within its portion of the Planning Authority ~~Area~~area.
54	Transmission Service Provider	The entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable transmission service agreements.	The entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable ~~transmission~~ Transmission ~~service~~ Service agreements.

Exhibit B

Implementation Plan

Implementation Plan

Project 2015-04 – Alignment of Terms

Revisions to Defined Terms in the NERC Glossary of Terms Used in Reliability Standards

The drafting team proposes modifying the following Glossary of Terms definitions:	
<Term>	<Definition>
Blackstart Resource	A generating unit(s) and its associated set of equipment which has the ability to be started without support from the System or is designed to remain energized without connection to the remainder of the System, with the ability to energize a bus, meeting the Transmission Operator's restoration plan needs for ~~real~~ Real and ~~reactive~~ Reactive ~~power~~ Power capability, frequency and voltage control, and that has been included in the Transmission Operator's restoration plan.
Bulk Power System	Bulk~~-~~ Power System: (A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and (B) electric energy from generation facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy. (Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning.)
Cascading	The uncontrolled successive loss of ~~system~~ System ~~elements~~ Elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be restrained from sequentially spreading beyond an area predetermined by studies.
Distribution Provider	Provides and operates the "wires" between the transmission system and the end-use customer. For those end-use customers who are served at transmission voltages, the Transmission Owner also serves as the Distribution Provider. Thus, the Distribution Provider is not defined by a specific voltage, but rather as performing the ~~Distribution~~ distribution function at any voltage.

Element	Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An ~~element~~ Element may be comprised of one or more components.
Generator Operator	The entity that operates generating Facility(ies) ~~unit(s)~~ and performs the functions of supplying energy and Interconnected Operations Services.
Generator Owner	Entity that owns and maintains generating Facility(ies)~~units~~.
Interchange Authority	The responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communication of Interchange information for reliability assessment purposes.
Interconnected Operations Service	A service (exclusive of basic energy and ~~transmission~~ Transmission ~~services~~Services) that is required to support the ~~reliable~~ Reliable ~~operation~~ Operation of interconnected Bulk Electric Systems.
Interconnection	A geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control. When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.
Load-Serving Entity	Secures energy and ~~transmission~~ Transmission ~~service~~ Service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.
Planning Authority	The responsible entity that coordinates and integrates transmission ~~facility~~ Facilities and service plans, resource plans, and ~~protection~~ Protection ~~systems~~Systems.

Point of Receipt	A location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a ~~Generator~~ generator delivers its output.
Reactive Power	The portion of electricity that establishes and sustains the electric and magnetic fields of alternating-current equipment. Reactive ~~power~~ Power must be supplied to most types of magnetic equipment, such as motors and transformers. It also must supply the reactive losses on transmission facilities. Reactive ~~power~~ Power is provided by generators, synchronous condensers, or electrostatic equipment such as capacitors and directly influences electric system voltage. It is usually expressed in kilovars (kvar) or megavars (Mvar).
Real Power	The portion of electricity that supplies energy to the ~~load~~Load.
Reliability Coordinator	The entity that is the highest level of authority who is responsible for the ~~reliable~~ Reliable ~~operation~~ Operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis and real-time operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.
Reliability Standard	A requirement, approved by the United States Federal Energy Regulatory Commission under ~~this~~ Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for ~~reliable operation [~~Reliable Operation~~]~~ of the ~~bulk-power system [~~Bulk~~-~~ Power System~~]~~. The term includes requirements for the operation of existing ~~bulk-power system [~~Bulk~~-~~ Power System~~]~~ facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for ~~reliable operation [~~Reliable Operation~~]~~ of the ~~bulk-power system [~~Bulk~~-~~ Power System~~]~~, but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity.

Reliable Operation	Operating the elements of the ~~bulk-power system [~~Bulk~~-~~ Power System~~]~~ within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements.
Reserve Sharing Group	A group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (e.g., ten minutes). If the transaction is ramped in quicker (e.g., between zero and ten minutes) then, for the purposes of ~~Disturbance~~ disturbance ~~Control~~ control ~~Performance~~performance, the ~~Areas~~ areas become a Reserve Sharing Group.
Resource Planner	The entity that develops a long-term (generally one year and beyond) plan for the resource adequacy of specific loads (customer demand and energy requirements) within a Planning Authority ~~Area~~area.
System Operating Limit	The value (such as MW, ~~MVar~~Mvar, ~~Amperes~~amperes, ~~Frequency~~ frequency or ~~Volts~~volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to: • Facility Ratings (~~Applicable~~ applicable pre- and post-Contingency ~~equipment~~ Equipment Ratings or ~~facility~~ Facility ~~ratings~~Ratings) • ~~Transient~~ transient ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Stability~~ stability ~~Limits~~limits) • ~~Voltage~~ voltage ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Stability~~stability) • ~~System~~ system ~~Voltage~~ voltage ~~Limits~~ limits (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Limits~~limits)

Transmission Customer	1. Any eligible customer (or its designated agent) that can or does execute a ~~transmission~~ Transmission ~~service~~ Service agreement or can or does receive ~~transmission~~ Transmission ~~service~~Service. 2. Any of the following ~~responsible~~ entities: Generator Owner, Load-Serving Entity, or Purchasing-Selling Entity.
Transmission Operator	The entity responsible for the reliability of its "local" transmission system, and that operates or directs the operations of the transmission ~~facilities~~Facilities.
Transmission Owner	The entity that owns and maintains transmission ~~facilities~~Facilities.
Transmission Planner	The entity that develops a long-term (generally one year and beyond) plan for the reliability (adequacy) of the interconnected bulk electric transmission systems within its portion of the Planning Authority ~~Area~~area.
Transmission Service Provider	The entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable ~~transmission~~ Transmission ~~service~~ Service agreements.

Requested Retirements

- None

Prerequisite Approvals

It is requested that all proposed changes to the definitions in the NERC Rules of Procedure are approved contemporaneously with the proposed revisions to the Glossary of Terms. Additionally, it is requested that the proposed revisions do not take effect until the first day of the first calendar quarter beyond the date that the definitions are approved by applicable regulatory authorities, but no earlier than 07/01/2016.

Background

The purpose of Project 2015-04 – Alignment of Terms is to align the defined terms found in the NERC Glossary of Terms found in Reliability Standards and the Rules of Procedure. This project is necessary because currently there are defined terms that appear in both the Glossary and ROP that are inconsistent in substance and form. This causes industry confusion and may lead to inconsistent interpretation or application of the meaning of a term. Consistent definitions will enhance reliability because owners, users and operators of the BES, along with the ERO Enterprise, will have a clear and consistent understanding of the terminology used in the NERC Reliability Standards and ROP. Of the fifty-five (55) cross-over terms, forty (40) contain inconsistencies or differences in the definition narratives. To achieve consistency and alignment of these cross-over terms, the SDT is proposing revisions to twenty-six (26) Glossary terms and sixteen (16) ROP terms.

Effective Date

The definitions shall be added to the NERC Glossary of Terms used in Reliability Standards effective on the first day of the first calendar quarter beyond the date that the definitions are approved by applicable regulatory authorities, but no earlier than 07/01/2016, or in those jurisdictions where regulatory approval is not required, the definitions become effective on the first day of the first calendar quarter beyond the date this standard is approved by the NERC Board of Trustees, but no earlier than 07/01/2016, or as otherwise made effective pursuant to the laws applicable to such governmental authorities.

Exhibit C

Order No. 672 Criteria

EXHIBIT C

Order No. 672 Criteria

In Order No. 672, the Commission identified a number of criteria it will use to analyze Reliability Standards proposed for approval to ensure they are just, reasonable, not unduly discriminatory or preferential, and in the public interest.[1] The discussion below identifies these factors and explains how the proposed revised definitions for the defined terms in the *Glossary of Terms Used in NERC Reliability Standards* (**Exhibit A**) have met or exceeded the criteria.

1. **Proposed Reliability Standards must be designed to achieve a specified reliability goal and must contain a technically sound means to achieve that goal.[2]**

The proposed revised definitions achieve the specific reliability goal of providing the users, owners, and operators of the Bulk-Power System, as well as the ERO Enterprise, with a better understanding of the terminology used in the Glossary and the Rules of Procedure, thereby facilitating the consistent interpretation and application of defined terms and avoiding confusion or misunderstanding. The proposed revised definitions achieve this goal by eliminating unnecessary differences in capitalization, substance, and punctuation in the definitions of terms found in both the Glossary and the Rules of Procedure.

2. **Proposed Reliability Standards must be applicable only to users, owners and operators of the bulk power system, and must be clear and unambiguous as to what is required and who is required to comply.[3]**

The applicability of the Reliability Standards in which the proposed revised terms are used remains unchanged. The proposed revised terms improve the clarity of each of the

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[1] *Rules Concerning Certification of the Electric Reliability Organization; and Procedures for the Establishment, Approval, and Enforcement of Electric Reliability Standards*, Order No. 672, FERC Stats. & Regs. ¶ 31,204, *order on reh'g*, Order No. 672-A, FERC Stats. & Regs. ¶ 31,212 (2006).

[2] Order No. 672 at P 321, 324.

[3] Order No. 672 at P 322.

Order No. 672 at P 325.

Reliability Standards in which those terms are used by facilitating consistent interpretations and applications of those terms.

3. A proposed Reliability Standard must include clear and understandable consequences and a range of penalties (monetary and/or non-monetary) for a violation.[4]

NERC does not propose changes to any Violation Risk Factor ("VRF") or Violation Severity Level ("VSL") associated with a Reliability Standard in which the proposed revised terms are used. Accordingly, the VRFs and VSLs for each of those standards continue to comport with NERC and Commission guidelines related to their assignment and include clear and understandable consequences in accordance with Order No. 672.

4. A proposed Reliability Standard must identify clear and objective criterion or measure for compliance, so that it can be enforced in a consistent and non preferential manner. [5]

NERC does not propose changes to any Measures in any of the Reliability Standards in which the proposed revised terms are used. Accordingly, the existing Measures for those standards continue to help provide clarity regarding how the requirements will be enforced, and they continue to help ensure that the requirements will be enforced in a clear, consistent, and non-preferential manner and without prejudice to any party.

5. Proposed Reliability Standards should achieve a reliability goal effectively and efficiently — but do not necessarily have to reflect "best practices" without regard to implementation cost or historical regional infrastructure design.[6]

The proposed revised definitions achieve the reliability goal of facilitating consistent interpretation and application of defined terms in accordance with Order No. 672. The proposed revised definitions contain alignment revisions that will reduce or eliminate any confusion that

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4 Order No. 672 at P 326.

5 Order No. 672 at P 327.

6 Order No. 672 at P 328.

may result from having different definitions of defined terms in the Glossary and the Rules of Procedure. The proposed revisions are limited to those necessary to align the terms, and thus achieve the reliability goal effectively and efficiently.

6. Proposed Reliability Standards cannot be "lowest common denominator," i.e., cannot reflect a compromise that does not adequately protect Bulk-Power System reliability. Proposed Reliability Standards can consider costs to implement for smaller entities, but not at consequences of less than excellence in operating system reliability.[7]

The proposed revised definitions do not reflect a "lowest common denominator" approach. To the contrary, the proposed revised definitions represent an improvement over the current definitions which may contain inconsistent capitalization and other differences from those same terms used in the Rules of Procedure, potentially creating confusion as to the proper interpretation and application of those terms. The proposed revisions were informed by a comprehensive review of each term by the standard drafting team and benefited from the feedback received from stakeholders on the entire suite of proposed revisions to the Glossary and the Rules of Procedure.

7. Proposed Reliability Standards must be designed to apply throughout North America to the maximum extent achievable with a single Reliability Standard while not favoring one geographic area or regional model. It should take into account regional variations in the organization and corporate structures of transmission owners and operators, variations in generation fuel type and ownership patterns, and regional variations in market design if these affect the proposed Reliability Standard.[8]

The Reliability Standards in which the proposed revised terms are used continue to apply in the same manner.

8. Proposed Reliability Standards should cause no undue negative effect on competition or restriction of the grid beyond any restriction necessary for

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[7] Order No. 672 at P 329.
Order No. 672 at P 330.

[8] Order No. 672 at P 331.

reliability.[9]

The proposed revised definitions will not cause undue negative effect on competition or result in any unnecessary restrictions.

9. The implementation time for the proposed Reliability Standard is reasonable.[10]

The proposed effective dates for the proposed revised definitions are just and reasonable. NERC proposes an effective date of the first day of the first calendar quarter beyond the date of regulatory approval. This proposed effective date reflects that the proposed revisions would not affect the scope, intent, or meaning of any Reliability Standard in which the terms are used. However, because the proposed definition of Interconnection combines a currently-effective definition in the Rules of Procedure with a Glossary definition that has been approved by the Commission but will not become effective until July 1, 2016, the proposed implementation plan provides that the revised terms shall not become effective earlier than July 1, 2016.

10. The Reliability Standard was developed in an open and fair manner and in accordance with the Commission-approved Reliability Standard development process.[11]

The proposed revised definitions were developed in accordance with NERC's Commission-approved, ANSI-accredited processes for developing and approving Reliability Standards.[12] **Exhibit F** includes as summary of the development proceedings and details the processes followed to develop the proposed revised definitions. These processes included, among other things, comment and ballot periods. Additionally, all meetings of the standard drafting team were properly noticed and open to the public.

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9 Order No. 672 at P 332.

10 Order No. 672 at P 333.

11 Order No. 672 at P 334.

12 See NERC Rules of Procedure, Section 300 (Reliability Standards Development) and Appendix 3A (Standard Processes Manual).

11. NERC must explain any balancing of vital public interests in the development of proposed Reliability Standards.[13]

NERC has identified no competing public interests regarding the request for approval of the proposed revised definitions. No comments were received that indicated the proposed revised definitions conflict with other vital public interests.

12. Proposed Reliability Standards must consider any other appropriate factors.[14]

No other factors relevant to whether the proposed revised definitions are just and reasonable were identified.

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[13] Order No. 672 at P 335.

[14] Order No. 672 at P 323.

Exhibit D

Summary of Proposed Revisions to Align Cross-Over Terms

NERC
NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION

Proposed Revisions to Align Definitions in the Glossary of Terms and Rules of Procedure

Project 2015-04 – Alignment of Terms

Part I. Executive Summary

Currently there are fifty-five (55) defined terms that appear in both the NERC Glossary of Terms Used in Reliability Standards (Glossary) and Rules of Procedure (ROP) ("cross-over terms"), a complete list of which can be found in Attachment 1. Of the fifty-five (55) cross-over terms, forty (40) contain inconsistencies or differences in the definition narratives, which causes industry confusion and may lead to inconsistent interpretation or application of the meaning of a term. Consistency between the defined terms in the Glossary and the ROP will enhance reliability by providing the owners, users and operators of the BES, as well as the ERO Enterprise, with a better understanding of the terminology used in the Glossary and the ROP. To achieve this consistency, the SDT is proposing alignment revisions to twenty-six (26) Glossary terms and sixteen (16) ROP terms.

This document provides an overview of the work undertaken by the Project 2015-04 standard drafting team (SDT) to align the cross-over terms and the revisions proposed by the SDT. Part II provides an overview of the purpose, scope and substance of the work undertaken by the SDT during this project. Parts III through VI provide the background information and research conducted by the SDT for each cross-over term under revision, and an analysis and justification to support the revisions being proposed by the team to align the terms.

Part II. Project Overview and Background Information

Background information regarding the Glossary and ROP

In 2007, when FERC approved Version 0 of the Reliability Standards, it also approved the NERC Glossary of Terms. (*See*, FERC Order No. 693). In Order No. 693, FERC noted the importance of the defined terms in establishing a consistent understanding of the Reliability Standards Requirements and implementation. (*See*, FERC Order No. 693 at P 1893). The NERC Glossary provides continuity in the application of the glossary definitions industry-wide and eliminates multiple interpretations of the same term or function, which could otherwise create miscommunication or jeopardize reliability. Similarly, FERC approved the Rules of Procedure, which contained a number of FERC-approved defined terms. Later, in 2011, at FERC's suggestion, NERC petitioned to move all of the defined terms contained in the various sections and Appendices of the ROP into one central location, Appendix 2 to the ROP. The definitions included in Appendix 2 were "taken largely from existing sources, including Section 215 of the Federal Power Act; the Commission's regulations; the NERC Bylaws, the NERC Glossary of Terms Used in Reliability Standards; and existing definitions found in the ROP and Appendices…" (*See*, NERC Petition, p. 8). Those definitions taken

from the Glossary were marked with a double asterisk (**), while definitions taken from the Federal Power Act were marked with a double plus sign (++).

Following FERC's approval of the Glossary and Appendix 2 to the ROP, there have been a number of necessary revisions to the defined terms contained therein. Glossary terms are revised through the Reliability Standards development process; whereas ROP terms are revised through the ROP revision process. (*See*, NERC Rules of Procedure, Appendix 3A: Standards Process Manual and ROP, Section 1400). As a result of various changes made to defined terms over the years through these distinct revision processes, a number of cross-over terms, which were once identical, now contain differences in their definition narratives. As outlined in the SAR for this project, the purpose of this project is to align the defined terms found in the Glossary and the ROP. Additionally, the SDT will also develop recommendations regarding how to enhance the current definition development processes in the Standards Process Manual and ROP to prevent misalignment or inconsistencies during future development of defined terms.

Work undertaken by the Project 2015-04 SDT

First, the SDT identified all existing defined terms that are contained in both the Glossary and the ROP ("cross-over terms"), a complete list of which can be found in Attachment 1. From this complete list of cross-over terms, the team then identified those cross-over terms that contained definitional differences. After analyzing these definitional differences, the SDT identified common alignment issues and categorized the terms into different "groups" based upon the type of alignment issue identified. Below is a summary of each grouping:

Group 1: Group 1 cross-over terms contain differences in the substance or content of the definition. In some instances, the differences resulted in the defined terms having different meanings or application. For example, the definitions for "Net Energy for Load" are substantively different in the Glossary and ROP because they are used differently in the respective documents. In other instances, although the content or language of the definition was different, the end result or application of the definition was, nevertheless, the same. For example, the term "Adjacent Balancing Authority" is defined differently in the Glossary than the ROP, with the Glossary definition providing greater clarity. There are a total of nine (9) Group 1 cross-over terms, and the SDT is proposing alignment revisions to eight (8) of those terms.

Group 2: Group 2 cross-over terms are similar to Group 1 terms in that the definitions contain substantive differences in the definitions. However, these terms are grouped separately because they are currently under revision, not yet approved by the NERC Board of Trustees, or pending regulatory approval. There are six (6) Group 2 cross-over terms in total, and at this time, the SDT is recommending alignment revisions to one (1) of those terms. The SDT has, however, made recommendations for future action to address a number of the remaining Group 2 cross-over terms.

Group 3: Group 3 cross-over terms contain differences in the capitalization of terms that are included in the definition narrative, but are otherwise aligned in substance and content. Since capitalization of a term indicates that it is a defined term with a specific meaning, these inconsistencies in capitalization cause confusion and may lead to inconsistent application of the definition. For example, the definition narrative of "Interconnected Operations Services" is the same in the Glossary and ROP; however, the ROP

narrative capitalizes “Transmission Services” and “Reliable Operation,” while the Glossary does not. There are a total of twenty-two (22) Group 3 cross-over terms, and the SDT is recommending alignment revisions to all of those terms.

Group 4: Group 4 cross-over terms contain errata-type differences, such as the inadvertent omission of a word or letter. There are three (3) Group 4 cross-over terms in total, and the SDT is proposing alignment revisions to all of those terms.

Below is a detailed summary of the SDT’s recommendations for each of the cross-over terms, organized by Group. Also, Attachment 2 contains a summary of all alignment revisions proposed by the SDT.

The SDT undertook substantial background research before determining whether alignment revisions were appropriate for each of the cross-over terms under consideration, including an examination of the history of the term’s definition, previous drafting teams’ intent, relevant NERC filings to FERC, and any FERC orders approving the term’s definition. Additionally, the SDT examined how each term is used in the Glossary, Reliability Standards, and ROP provisions. Based on this thorough examination, the SDT determined whether revisions were appropriate. In some instances, the SDT concluded that alignment revisions were not appropriate due to differing application of the terms in the Glossary and/or ROP. Also, for a number of terms, the SDT identified areas where the definition language could be improved, given industry usage. For such terms, the SDT will develop a Standards Authorization Request (SAR) outlining the identified issues, and the team’s proposal for how to address each issue. Of the fifty-five (55) cross-over terms, forty (40) contain inconsistencies or differences in the definition narratives. To achieve consistency and alignment of these cross-over terms, the SDT is proposing revisions to twenty-six (26) Glossary terms and sixteen (16) ROP terms.

Part III: Group 1 recommendations

There are a total of nine (9) Group 1 cross-over terms:

Term 1: Adjacent Balancing Authority

Term 6: Bulk Power System

Term 17: Generator Operator

Term 18: Generator Owner

Term 29: Net Energy for Load or NEL

Term 40: Reliability Standard

Term 44: Sink Balancing Authority

Term 45: Source Balancing Authority

Term 48: System Operating Limit

The SDT is recommending revisions to eight (8) of the Group 1 cross-over terms. Below is an overview of the SDT research, assessment, proposed revision(s), and justification for each of the recommendations.

Term 1: Adjacent Balancing Authority

Glossary Definition (differences in definition narrative indicated in red)	ROP, Appendix 2 Definition (differences in definition narrative indicated in red)	SDT proposed revisions
A Balancing Authority whose Balancing Authority Area is interconnected with another Balancing Authority Area either directly or via a multi-party agreement or transmission tariff.	a Balancing Authority Area that is interconnected to another Balancing Authority Area either directly or via a multi-party agreement or transmission tariff.**	The SDT is proposing to revise the ROP definition to align with the Glossary. Redline of ROP definition: a Balancing Authority ~~Area~~ whose Balancing Authority Area ~~that~~ is interconnected with ~~to~~ another Balancing Authority Area either directly or via a multi-party agreement or transmission tariff.**

I. HISTORY AND BACKGROUND INFORMATION REGARDING "ADJACENT BALANCING AUTHORITY" DEFINITION

History of Glossary term:

- Previous version(s): Effective dates: 3/16/2007 – 09/30/2014 ("A Balancing Authority Area that is interconnected another Balancing Authority Area either directly or via a multi-party agreement or transmission tariff.")
- Current version: **Effective as of 10/01/2014**
  - Revised by Project 2008-12 Coordinate Interchange Standards
  - NERC Petition (02/27/2014) - "The proposed revisions are minor, non-substantive changes to improve the clarity of the term, as illustrated in Exhibit F. The proposed revisions are intended to clarify the various Balancing Authorities involved in the implementation of Interchange and their relationships with regards to Interchange." (p. 29)
  - FERC Order (06/30/2014) – FERC letter order approving revised Glossary definition

History of ROP term:

- Current version: **Effective as of 01/31/2012**
  - NERC Petition (11/29/2011) - Added Appendix 2 to ROP and adopted existing Glossary definition for Adjacent Balancing Authority. (see p. 9)
  - FERC Order (01/31/2012) - "These revisions are being proposed as a result of P 93 of the Commission's Order issued October 21, 2010, in Docket No. RR10-11-000, in which the Commission invited NERC to submit a filing making consistent use of defined terms throughout the ROP and Appendices." (p. 1)

II. USAGE OF DEFINED TERM: ADJACENT BALANCING AUTHORITY

List of usage of the term Adjacent Balancing Authority within Reliability Standards:

	Reliability Standard
1	BAL-001-2
2	BAL-002-1a
3	BAL-005-0.2
4	BAL-006-2
5	COM-001-2
6	EOP-001-2.1b

7	INT-009-2.1
8	MOD-028-2
9	MOD-030-2
10	MOD-030-3

List of ROP provisions (other than Appendix 2) where Adjacent Balancing Authority occurs:

	ROP provision	Page # [Link to ROP]
1	Appendix 5B – Functional type definition under Section II: Reserve Sharing Group	435 of 483

List defined terms that include Adjacent Balancing Authority in definition narrative:

	Glossary
1	Net Actual Interchange
2	Net Interchange Schedule
3	Reserve Sharing Group

	ROP
1	N/A
2	N/A
3	Reserve Sharing Group

List of other defined terms that are included in the Adjacent Balancing Authority definition narrative:

Glossary: Balancing Authority Area, Balancing Authority
ROP: Balancing Authority Area

III. DRAFTING TEAM ANALYSIS AND ASSESSMENT

Explanation of differences in definition narratives: The differences in definition narratives are minor and non-substantive in nature. The Glossary definition clarifies the various Balancing Authorities involved in the implementation of the Interchange and their respective relationships with Interchange.

How/why the terms may be applied differently as a result of the differences: The language added through the Project 2008-12 Coordinate Interchange Standards did not impact the definitions. A review of the ROP and Reliability Standards containing the defined term was conducted, and the differences do not result in different application of the term. The Glossary definition simply provides greater clarity.

Proposed revision(s): The SDT proposes to revise the ROP definition to align with the Glossary. No changes are proposed to the Glossary definition.

Redline of ROP definition:

a Balancing Authority ~~Area~~ whose Balancing Authority Area ~~that~~ is interconnected with ~~to~~ another Balancing Authority Area either directly or via a multi-party agreement or transmission tariff.**

Justification for decision: The ROP definition adopted the Glossary definition when Appendix 2 was created in 2012. Note that the ROP definition is marked with a double asterisk (**), indicating it was taken from the Glossary. Subsequently, in 2014, the Glossary term was revised to provide greater clarity. The revised Glossary definition clarifies the various Balancing Authorities involved in the implementation of Interchange and their relationships with regard to Interchange. The ROP definition was not updated to reflect the clarifying revisions made to the Glossary definition.

Term 6: Bulk Power System

Glossary Definition (differences in definition narrative indicated in red)	ROP, Appendix 2 Definition (differences in definition narrative indicated in red)	SDT proposed revisions
Bulk-Power System: A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and (B) electric energy from generation facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy.	Bulk Power System" means, depending on the context: (i) Facilities and control systems necessary for operating an interconnected electric energy supply and transmission network (or any portion thereof), and electric energy from generating facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy [++]. (ii) Solely for purposes of Appendix 4E, Bulk Electric System.	The SDT is proposing to revise both definitions as follows: Redline of Glossary definition: Bulk- Power System: (A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and (B) electric energy from generation facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy. (In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1], defined terms contained in this narrative are not capitalized.) Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning. Redline of ROP, Appendix 2 definition: Bulk Power System" means, depending on the context: (i) (A) ~~Facilities~~ facilities and control systems necessary for operating an interconnected electric energy ~~supply and~~ transmission network (or any portion thereof);~~,~~ and (B) electric energy from generation~~g~~ facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy. [++] (In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1], defined terms contained in this narrative are not capitalized.)~~-~~Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning. (ii) Solely for purposes of Appendix 4E, Bulk Electric System.

I. HISTORY AND BACKGROUND INFORMATION REGARDING BULK POWER SYSTEM DEFINITION

History of Glossary term:

- Original version: Effective through 07/08/13
  - FERC Order No. 693 (03/16/07): "The Commission directs the ERO to modify the glossary through the Reliability Standards development process to include the statutory definitions of the terms Bulk-Power System, Reliable Operation and Reliability Standard. However, this determination does not negate our discussion in the Applicability section of the Final Rule. While the glossary should be revised to include the statutory definition of Bulk-Power System, the Reliability Standards refer to the bulk electric system, which is also defined in the glossary." (P 1894)

- Current version: **Effective as of 07/09/13**
  - Revised by Project 2012-08.1 Phase 1 of the Glossary Updates for Statutory Definitions
  - NERC Petition (05/10/13):

    "The term "Bulk-Power System" is defined in section 215 of the FPA as follows:

    (1) The term 'bulk-power system' means—

    (A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and

    (B) electric energy from generation facilities needed to maintain transmission system reliability.

    The term does not include facilities used in the local distribution of electric energy.

    The proposed definition of the term "Bulk-Power System" for inclusion in the NERC Glossary is as follows: "Bulk-Power System" means, (A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and (B) electric energy from generation facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy. The proposed definition of "Bulk-Power System" is identical to the definition in section 215 of the FPA and should therefore be accepted in compliance with the Commission's directive in Order No. 693." (pp. 5-6)
  - FERC Order (07/9/13) - Letter order approving proposed definitions

History of ROP term:

- Original version:
  - ERO Application (04/04/06) – NERC Bylaws: "Bulk power system" means facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof) and electric energy from generation facilities needed to maintain transmission system reliability, but does not include facilities used in the local distribution of electricity.
  - FERC Order (07/20/06) - 'We direct NERC to adopt definitions of the terms defined in Order No. 672 throughout its documents in its compliance filing. Any other definition of those terms is not acceptable.' (P 727)

- Revised version:
  - NERC Compliance Filing Addressing Governance Issues (09/18/2006): "NERC has modified the definitions of 'bulk power system', 'electric reliability organization', and 'regional entity' in Article I, Section 1 of the Bylaws to track the definitions in Order No. 672. NERC will also track the Order No. 672 definitions in its Rules of Procedure…"
  - NERC Non-Governance Compliance Filing (10/18/06): "NERC has modified the definitions of 'bulk power system', 'electric reliability organization', and 'regional entity' in Article I, Section 1 of its Bylaws to track the definitions in Order No. 672. NERC has also revised definitions in its Rules of Procedure to match definitions in Section 215(a) of the Federal Power Act and/or Part 39 of the Commission's regulations, including 'bulk power system', 'electric reliability organization,' 'reliable operation,' and 'reliability standard'." (pp. 71-72)

    "Bulk power system" means facilities and control systems necessary for operating an interconnected electric energy supply and transmission network (or any portion thereof), and electric energy from generating facilities needed to maintain transmission system

reliability. The term does not include facilities used in the local distribution of electric energy. (Attachment 1, Revised ROP, at Section 202 Specific Definitions)

- FERC Order Accepting Governance Compliance Filing (10/30/06): "NERC has modified the definitions of 'Bulk-Power System,' 'Electric Reliability Organization,' and 'Regional Entity' in article I, section 1 of the Bylaws to track the definitions in Order No. 672. NERC states that it also intends to incorporate Order No. 672 definitions in its Rules of Procedure." (P 125)
- FERC Order Accepting Non-Governance Compliance Filing (01/18/07): "NERC has appropriately revised definitions in its Bylaws and its Rules of Procedure to reflect these same definitions in Order No. 672." (P 223)

- Current version: **Effective as of 01/31/2012**
  - NERC Petition to Revise ROP (11/29/11): "The purposes of the proposed revisions are (1) to place all definitions of defined terms used anywhere in the ROP in a single, readily-accessible location (proposed new Appendix 2); (2) to capitalize defined terms throughout the ROP where such terms are intended to be used in their defined meanings; and (3) to lower-case other terms that are currently capitalized in the ROP but are not defined terms." (p. 1)
  - FERC Order Approving Amendments to the ROP (01/31/2012): "Pursuant to section 215(f) of the FPA and section 39.10(a) of the Commission's regulations, we approve the proposed revisions to the NERC Rules of Procedure. We agree with NERC that the revisions do not substantively change any original definitions in the Rules of Procedure; moreover, the Rules of Procedure remains procedurally and substantively the same. In addition, the creation of Appendix 2 offers a central, readily-accessible document containing all defined terms as used within the Rules of Procedure." (P 10)

II. USAGE OF DEFINED TERM: BULK POWER SYSTEM

List of usage of the term Bulk-Power System within Reliability Standards:

	Reliability Standard	Location
1	FAC-003-3	Background and Enforcement sections
2	IRO-004-2	Compliance Monitoring
3	MOD-001-2	Purpose
4	CIP-002-5.1	Guidelines and Technical Basis
5	CIP-003-3a	Appendix 1, Response to Question 1
6	MOD-001-2	Application Guidelines, Rationale for R5
7	PER-005-2	Application Guidelines, Rationale for TO
8	TPL-007-1	Application Guidelines, Requirement R2, R7

List of ROP provisions (other than Appendix 2) where Bulk Power System occurs: The term is used throughout the ROP, including all appendices.

List defined terms that include Bulk Power System in definition narrative:

	Glossary
1	N/A (not a glossary term)
2	N/A
3	No
4	N/A
5	N/A

	ROP
1	Cyber Security Incident
2	Electric Reliability Organization or ERO
3	Interconnection
4	NERC Compliance Registry, Compliance Registry or NCR
5	Receiving Entity

6	N/A
7	N/A
8	Reliability Standard
9	Reliable Operation
10	N/A
11	N/A
12	N/A

6	Regional Criteria
7	Registered Entity
8	Reliability Standard
9	Reliable Operation
10	Remedial Action Directive
11	Sector
12	Submitting Entity

List of other defined terms that are included in the Bulk Power System definition narrative:

Glossary: facilities, transmission, system

ROP: Facilities, transmission, system

III. DRAFTING TEAM ANALYSIS AND ASSESSMENT

Explanation of differences in definition narratives: Both the ROP and Glossary definitions have been approved by FERC as tracking the definition provided in the Federal Power Act. (*See*, Glossary: FERC Order; and ROP: FERC Order on Compliance Filing, FERC Order Approving Amendments to the ROP). However, there are a number of differences in the definition narrative, including: (1) the ROP definition does not contain a hyphen for Bulk Power System, but the Glossary term does; (2) the ROP capitalizes the term "Facilities" in part (A) but the Glossary does not; (3) the ROP contains the language "electric energy supply and transmission network" whereas the Glossary provides "electric energy transmission network;" and, (4) the ROP contains the word "generating" whereas the Glossary contains "generation."

How/why the terms may be applied differently as a result of the differences: The differences are relatively minor and do not result in inconsistent or different application of the term in the Glossary or ROP. However, the different language (*i.e.*, "electric energy supply and transmission network" vs. "electric energy transmission network") may lead to confusion or imply that the terms are intended to have different meanings. Because both terms are intended to have the meaning of the definition in the Federal Power Act, the standard drafting team believes these differences should be eliminated.

Proposed revision(s): The SDT proposes revisions to both the Glossary and ROP definition in order to align the two terms and maintain consistency with the Federal Power Act. Redlines of both definitions are provided below.

Redline of Glossary definition:

Bulk- Power System:

(A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and

(B) electric energy from generation facilities needed to maintain transmission system reliability.

The term does not include facilities used in the local distribution of electric energy. (In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1], defined terms contained in this narrative are not capitalized.) Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning.

Redline of ROP, Appendix 2 definition:

Bulk Power System" means, depending on the context:

(i) (A) ~~Facilities~~ facilities and control systems necessary for operating an interconnected electric energy ~~supply and~~ transmission network (or any portion thereof)~~;~~ and

(B) electric energy from generation~~g~~ facilities needed to maintain transmission system reliability.

The term does not include facilities used in the local distribution of electric energy. [++] (In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1], defined terms contained in this narrative are not capitalized.)-Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning.

(ii) Solely for purposes of Appendix 4E, Bulk Electric System.

Justification for decision: Both the ROP and Glossary definitions have been approved by FERC (*See*, Glossary: FERC Order; and ROP: FERC Order on Compliance Filing, FERC Order Approving Amendments to the ROP). However, there are a number of differences, mostly minor, in the two definitions. The different language may be perceived to mean that the terms are intended to have different meanings, when this is not the case. There is no reason for the terms to have differing definitions, as both terms are intended to have the meaning of the definition in Section 215 of the Federal Power Act. The SDT revisions align the terms by eliminating the unnecessary differences. Below is a summary of the proposed revisions:

(1) The SDT is proposing to remove the hyphen from the term Bulk-Power System in the Glossary because it is not being used as a compound modifier (two words coupled together to make an adjective). Because "bulk" is being used to describe the "power grid," no hyphen is needed. If instead, "bulk power" was being used to describe "grid," then a hyphen (compound modifier) would be appropriate to connect bulk-power.
(2) In both definitions, added a clarification sentence to explain that the defined terms contained in the definition (*e.g.*, system, transmission) are not capitalized in order to match the Federal Power Act definition (which does not capitalize the terms).
(3) In part (A) of the ROP definition, changed "Facilities" to lowercase "facilities" for the reason outlined in (2).
(4) In the ROP, revised "generating" to "generation" in order to match the Federal Power Act and Glossary definitions.
(5) In the ROP, revised "electric energy supply and transmission network" to "electric energy transmission network" in order to match the Federal Power Act and Glossary definitions.

Term 17: Generator Operator

Glossary Definition (differences in definition narrative indicated in red)	ROP Appendix 2 Definition (differences in definition narrative indicated in red)	SDT proposed revisions
The entity that operates generating unit(s) and performs the functions of supplying energy and Interconnected Operations Services.	the entity that operates generating Facility(ies) and performs the functions of supplying energy and Interconnected Operations Services.**	The SDT is proposing to revise the Glossary definition to align with the ROP. Redline of Glossary definition: The entity that operates generating Facility(ies) ~~unit(s)~~ and performs the functions of supplying energy and Interconnected Operations Services. Additionally, the SDT notes that during the course of its work on this project, the team reviewed and assessed the quality of the definition of "Facility." The SDT believes the clarity and content of the current definition could be improved. As a result, the SDT will draft a SAR proposing to revise the definition in order to address the issues identified by the SDT.

I. HISTORY AND BACKGROUND INFORMATION REGARDING "GENERATOR OPERATOR" DEFINITION

History of Glossary term:

- Original and current version – **Effective as of 03/16/07**
  - FERC Order No. 693 (03/16/07): "In conclusion, the Commission approves the glossary. Further, pursuant to section 215(d)(5) of the FPA and § 39.5(f) of our regulations, the Commission directs ERO to modify the glossary through the Reliability Standards development process to…(2) modify the definition of "transmission operator" and "generator operator" to include aspects unique to ISO, RTO and pooled resource organizations… (P 1899)

History of ROP term:

- Original version: Effective 01/31/2012 – 03/18/15
  - NERC Petition to Revise ROP (11/29/11): "The purposes of the proposed revisions are (1) to place all definitions of defined terms used anywhere in the ROP in a single, readily-accessible location (proposed new Appendix 2); (2) to capitalize defined terms throughout the ROP where such terms are intended to be used in their defined meanings; and (3) to lower-case other terms that are currently capitalized in the ROP but are not defined terms." (p. 1)
  - FERC Order approving amendments to the ROP (01/31/2012): "Pursuant to section 215(f) of the FPA and section 39.10(a) of the Commission's regulations, we approve the proposed revisions to the NERC Rules of Procedure. We agree with NERC that the revisions do not substantively change any original definitions in the Rules of Procedure; moreover, the Rules of Procedure remains procedurally and substantively the same. In addition, the creation of Appendix 2 offers a central, readily-accessible document containing all defined terms as used within the Rules of Procedure." (P 10)

- Current version: **Effective as of 03/19/15**
  - Revisions were made by the Risk Based Registration Initiative – Replaced "units" with "Facility(ies)"
  - NERC Petition (12/11/14)
  - FERC Order (03/19/15) – Approving revised definition

II. USAGE OF DEFINED TERM: GENERATOR OPERATOR

List of usage of the term Generator Owner within Reliability Standards:

	Reliability Standard	Location
1	All Reliability Standards applicable to GOPs	Applicability
2	CIP-002-5.1	Attachment 1
3	IRO-010-1a	Appendix 1
4	PER-005-2	Application Guidelines
5	PRC-023-3	Attachment B
6	TOP-001-1a	Appendix 1
7	VAR-001-4	Application Guidelines
8	VAR-002-3	Application Guidelines
9	VAR-002-4	Application Guidelines

List of ROP provisions (other than Appendix 2) where Generator Operator occurs:

	ROP provision	Page # [Link to ROP]
1	Section 302.1	8 of 483
2	Appendix 5A: Organization Registration and Certification Manual	401 of 483
3	Appendix 5B: Statement of Compliance Registry Criteria (Revision 5.2)	433-438 of 483
4	Appendix 8: NERC Blackout and Disturbance Response Procedures, Attachment E	482 of 483

List defined terms that include Generator Operator in definition narrative:

	Glossary
1	Bulk Electric System
2	Control Center
3	Nuclear Plant Generator Operator
4	Nuclear Plant Interface Requirements
5	System Operator

	ROP
1	Bulk Electric System
2	N/A
3	N/A
4	N/A
5	N/A

List of other defined terms that are included in the Generator Operator definition narrative:

Glossary: Interconnected Operations Services
ROP: Facility(ies), Interconnected Operations Services

III. DRAFTING TEAM ANALYSIS AND ASSESSMENT

Explanation of differences in definition narratives: The definitions were previously aligned. However, as part of the Risk Based Registration (RBR) Initiative undertaken in 2014, the ROP definition was revised and the word "unit" was replaced with "Facility(ies)." The RBR team believed it necessary to replace "unit" with "Facility(ies)" in order to incorporate the BES Definition. The RBR project work focused on changes to the ROP, and the team did not consider whether changes were needed to align any affected Glossary definitions.

How/why the terms may be applied differently as a result of the differences: The term "unit" is not a defined term in the Glossary or ROP. However, "unit" or "generating unit" are both used in definition narratives of a number of Glossary (and ROP) terms, including, but not limited to: Blackstart Resource, Bulk Electric System, Cranking Path, Economic Dispatch, Forced Outage, Host Balancing Authority, and Joint Control. The Merriam-Webster definition for unit is, "a single thing, person, or group that is a constituent of a whole." Click here for the Merriam-Webster website.

The term "Facility," on the other hand, is a defined term in the Glossary and ROP. Facility is defined as, "a set of electrical equipment that operates as a single Bulk Electric System Element (e.g., a line, a generator, a shunt compensator, transformer, etc.)." Also, the term "Element" (which is used in the definition of Facility) is, "any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An element may be comprised of one or more components."

Proposed revision(s): The SDT proposes to revise the Glossary definition to align with the ROP. No changes are proposed to the ROP.

> **Redline of Glossary definition:**
> The entity that operates generating Facility(ies) ~~unit(s)~~ and performs the functions of supplying energy and Interconnected Operations Services.

Justification for decision: The SDT is proposing to revise the Glossary definition to align with the ROP. This is because the term "unit" (used in the current Glossary definition) is not a NERC defined term, and thus introduces the possibility of inconsistent use or application of the definition. The ROP definition provides greater clarity because it uses the term "Facility(ies)," which is defined by NERC as, "a set of electrical equipment that operates as a single Bulk Electric System Element (*e.g.*, a line, a generator, a shunt compensator, transformer, etc.)." (*See also*, NERC Limited Answer to RBR Comments, pp. 6-7: "Finally, NERC's proposed changes to the definitions of "Generator Owner" and "Generator Operator" which include replacing the undefined term "generating units" with the term "Facilities," are appropriate. The term "Facilities" is defined in the NERC Glossary as a Bulk Electric System element, which ties in directly to the new BES definition. Use of the term "Facilities" has allowed NERC to eliminate the Part III threshold criteria and use the new Bulk Electric System core definition, inclusions and exclusions to identify Bulk Electric System generator assets.")

Term 18: Generator Owner

Glossary Definition (differences in definition narrative indicated in red)	ROP Appendix 2 Definitions (differences in definition narrative indicated in red)	SDT proposed revisions
Entity that owns and maintains generating units.	an entity that owns and maintains generating Facility(ies).**	The SDT is proposing to revise the Glossary definition to align with the ROP. Redline of Glossary definition: Entity that owns and maintains generating Facility(ies)~~units~~. Additionally, the SDT notes that during the course of its work on this project, the team reviewed and assessed the quality of the definition of "Facility." The SDT believes the clarity and content of the current definition could be improved. As a result, the SDT will draft a SAR proposing to revise the definition in order to address the issues identified by the SDT.

I. HISTORY AND BACKGROUND INFORMATION REGARDING "GENERATOR OWNER" DEFINITION

History of Glossary term:

- Original and current version – **Effective as of 03/16/07**
  - FERC Order No. 693 (03/16/07): "The Commission approves the glossary. The terms defined in the glossary have an important role in establishing consistent understanding of the Reliability Standards Requirements and implementation. The approval of the glossary will provide continuity in application of the glossary definitions industry-wide, and will eliminate multiple interpretations of the same term or function, which may otherwise create miscommunication and jeopardize Bulk-Power System reliability…" (P 1893)

History of ROP term:

- Original version: Effective 01/31/2012 – 03/18/15
  - NERC Petition to Revise ROP (11/29/11): "The purposes of the proposed revisions are (1) to place all definitions of defined terms used anywhere in the ROP in a single, readily-accessible location (proposed new Appendix 2); (2) to capitalize defined terms throughout the ROP where such terms are intended to be used in their defined meanings; and (3) to lower-case other terms that are currently capitalized in the ROP but are not defined terms." (p. 1)
  - FERC Order Approving Amendments to the ROP (01/31/2012): "Pursuant to section 215(f) of the FPA and section 39.10(a) of the Commission's regulations, we approve the proposed revisions to the NERC Rules of Procedure. We agree with NERC that the revisions do not substantively change any original definitions in the Rules of Procedure; moreover, the Rules of Procedure remains procedurally and substantively the same. In addition, the creation of Appendix 2 offers a central, readily-accessible document containing all defined terms as used within the Rules of Procedure." (P 10)

- Current version: **Effective as of 03/19/15**
  - Revisions were made by the Risk Based Registration Initiative – Replaced "units" with "Facility(ies)"
  - NERC Petition (12/11/14)
  - FERC Order (03/19/15) – Approving revised definition

II. USAGE OF DEFINED TERM: GENERATOR OWNER

List of usage of the term Generator Owner within Reliability Standards:

	Reliability Standard	Location
1	All Reliability Standards applicable to GOs	
2	PRC-005-1.1b	Appendix 1 Appendix 2
3	PRC-025-1	Attachment 1 Application Guideline
4	PRC-026-1	Application Guideline
5	TOP-005-2a	Appendix 2
6	TPL-007-1	Application Guideline
7	CIP-002-5.1	BES Cyber System Categorization
8	FAC-001-2	Application Guideline
9	FAC-003-3	Guideline & Technical Basis
10	IRO-010-1a	Appendix 1
11	MOD -025-2	Attachment 1
12	MOD-026-1	Attachment 1
13	MOD-027-1	Attachment 1
14	MOD-032-1	Application Guideline
15	PRC-004-3	Application Guideline
16	PRC-004-4	Application Guideline

List of ROP provisions (other than Appendix 2) where Generator Owner occurs:

	ROP provision	Page # [Link to ROP]
1	Section 302.1	8 of 483
2	Section 1702.1	105 of 483
3	Appendix 5A: Organization Registration and Certification Manual	401 of 483
4	Appendix 5B: Statement of Compliance Registry Criteria (Revision 5.2)	433 of 483 434 of 483
5	Appendix 8: NERC Blackout and Disturbance Response Procedures, Attachment E	482 of 483

List defined terms that include Generator Owner in definition narrative:

	Glossary
1	Bulk Electric System
2	Nuclear Plant Generator Operator
3	Right-of-Way
4	Transmission Customer
5	Vegetation Inspection

	ROP
1	Bulk Electric System
2	N/A
3	N/A
4	Transmission Customer
5	N/A

List of other defined terms that are included in the Generator Owner definition narrative:

Glossary: None

ROP: Facility(ies)

III. DRAFTING TEAM ANALYSIS AND ASSESSMENT

Explanation of differences in definition narratives: The definitions were previously aligned. However, as part of the Risk Based Registration (RBR) Initiative undertaken in 2014, the ROP definition was revised and the word "unit" was replaced with "Facility(ies)." The RBR team believed it necessary to replace "unit" with "Facility(ies)" in order to incorporate the BES Definition. The RBR project work focused on changes to the ROP, and the team did not consider whether changes were needed to align any affected Glossary definitions.

How/why the terms may be applied differently as a result of the differences: The term "unit" is not a defined term in the Glossary or ROP. However, "unit" or "generating unit" are both used in definition narratives of a number of Glossary (and ROP) terms, including, but not limited to: Blackstart Resource, Bulk Electric System, Cranking Path, Economic Dispatch, Forced Outage, Host Balancing Authority, and Joint Control. The Merriam-Webster definition for unit is, "a single thing, person, or group that is a constituent of a whole." Click here for the Merriam-Webster website.

The term "Facility," on the other hand, is a defined term in the Glossary and ROP. Facility is defined as, "a set of electrical equipment that operates as a single Bulk Electric System Element (e.g., a line, a generator, a shunt compensator, transformer, etc.)." Also, the term "Element" (which is used in the definition of Facility) is, "any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An element may be comprised of one or more components."

Proposed revision(s): The SDT proposes to revise the Glossary definition to align with the ROP. No changes are proposed to the ROP.

Redline of Glossary definition:

Entity that owns and maintains generating Facility(ies)~~units~~.

Justification for decision: The SDT is proposing to revise the Glossary definition to align with the ROP. This is because the term "unit" (used in the current Glossary definition) is not a NERC defined term, and thus introduces the possibility of inconsistent use or application of the definition. The ROP definition provides greater clarity because it uses the term "Facility(ies)," which is defined by NERC as, "a set of electrical equipment that operates as a single Bulk Electric System Element (*e.g.*, a line, a generator, a shunt compensator, transformer, etc.)." (*See also*, NERC Limited Answer to RBR Comments, pp. 6-7: "Finally, NERC's proposed changes to the definitions of "Generator Owner" and "Generator Operator" which include replacing the undefined term "generating units" with the term "Facilities," are appropriate. The term "Facilities" is defined in the NERC Glossary as a Bulk Electric System element, which ties in directly to the new BES definition. Use of the term "Facilities" has allowed NERC to eliminate the Part III threshold criteria and use the new Bulk Electric System core definition, inclusions and exclusions to identify Bulk Electric System generator assets.")

Term 29: Net Energy for Load or NEL

Glossary Definition (differences in definition narrative indicated in red)	ROP, Appendix 2 Definition (differences in definition narrative indicated in red)	SDT proposed revisions
Net Balancing Authority Area generation, plus energy received from other Balancing Authority Areas, less energy delivered to Balancing Authority Areas through interchange. It includes Balancing Authority Area losses but excludes energy required for storage at energy storage facilities.	net generation of an electric system plus energy received from others less energy delivered to others through interchange. It includes system losses but excludes energy required for the storage of energy at energy storage facilities.	No changes to either ROP or Glossary. The SDT recommends the terms remain unaligned. The differences in the definition narratives are appropriate given the differing uses of the term within the Glossary and ROP.

I. HISTORY AND BACKGROUND INFORMATION REGARDING "NET ENERGY FOR LOAD" DEFINITION

History of Glossary term:

- Original and current version: **Effective as of 03/16/07**
  - FERC Order No. 693 (03/16/07): "The Commission approves the glossary. The terms defined in the glossary have an important role in establishing consistent understanding of the Reliability Standards Requirements and implementation. The approval of the glossary will provide continuity in application of the glossary definitions industry-wide, and will eliminate multiple interpretations of the same term or function, which may otherwise create miscommunication and jeopardize Bulk-Power System reliability…" (P 1893)

History of ROP term:

- Original version
  - FERC Order No. 672 (02/03/06): Net Energy for Load means balancing authority area generation (less station use), plus energy received from other balancing authority areas, less energy delivered to balancing authority areas through interchange. It includes balancing authority area losses, but excludes energy required for storage at electric energy storage facilities, such as pumped storage. (P 35, FN 7)
  - FERC Order (07/20/06) - NERC's application proposes to base allocation of all costs for statutory activities on net energy for load. (P 155, 167)
  - NERC Non-Governance Compliance Filing (10/18/06): "Net Energy for Load" or "NEL" means net generation of an electric system plus energy received from others less energy delivered to others through interchange. It includes system losses but excludes energy required for the storage of energy at energy storage facilities. (Proposed Rules of Procedure, Section 202, Specific Definitions)
  - FERC Order Accepting Non-Governance Compliance Filing (01/18/07): "NERC has appropriately revised definitions in its Bylaws and its Rules of Procedure to reflect these same definitions in Order No. 672." (P 223)

- Current version: **Effective as of 01/31/2012**
  - NERC Petition to Revise ROP (11/29/11): "The purposes of the proposed revisions are (1) to place all definitions of defined terms used anywhere in the ROP in a single, readily-accessible location (proposed new Appendix 2)…" (p.1; p. 12: Definition taken from NERC Bylaws, Article 1 and ROP, Section 200).

- FERC Order Approving Amendments to the ROP (01/31/2012): "Pursuant to section 215(f) of the FPA and section 39.10(a) of the Commission's regulations, we approve the proposed revisions to the NERC Rules of Procedure. We agree with NERC that the revisions do not substantively change any original definitions in the Rules of Procedure; moreover, the Rules of Procedure remains procedurally and substantively the same. In addition, the creation of Appendix 2 offers a central, readily-accessible document containing all defined terms as used within the Rules of Procedure." (P 10)

II. USAGE OF DEFINED TERM: NET ENERGY FOR LOAD

List of usage of the term Net Energy for Load within Reliability Standards:

	Reliability Standard
1	MOD-016-1.1
2	MOD-017-0.1
3	MOD-018-0
4	MOD-021-1
5	MOD-031-1
6	TPL-006-0.1

List of ROP provisions (other than Appendix 2) where Net Energy for Load occurs:

	ROP provision	Page # [Link to ROP]
1	Section 804	71 of 483
2	Section 1101.1	84 of 483
3	Section 1101.4	84 of 483
4	Section 1103	93 of 483
5	Appendix 3A: Standards Process Manual – Footnote 10	141 of 483
6	Appendix 3B: Procedures for Election of Members of Standards Committee	186 of 483

List defined terms that include Net Energy for Load in definition narrative:

	Glossary
1	Peak Demand

	ROP
1	N/A

List of other defined terms that are included in the Net Energy for Load definition narrative:

Glossary: Balancing Authority Area
ROP: None

III. DRAFTING TEAM ANALYSIS AND ASSESSMENT

Explanation of differences in definition narratives: The Glossary definition is more specific in that it provides "Balancing Authority Area generation" and "received from other Balancing Authority Areas" whereas the ROP definition refers more broadly to "generation of an electric system" and "received from others."

How/why the terms may be applied differently as a result of the differences: The differences are significant and should remain due to the manner in which these terms are applied in their respective documents (ROP or Glossary). For example, as outlined above, FERC approved the ERO's proposal to base allocation of all costs for

statutory activities on net energy for load (See ROP, Section 1100). In the context of Reliability Standards, the collection of Net Energy for Load data is required for certain modeling standards (See MOD-031-3).

Proposed revision(s): Alignment is not recommended by SDT because the differences in the definition narrative are appropriate given the different uses of the term within the Glossary and ROP.

Justification for decision: The differences are significant and should remain due to the manner in which these terms are applied in their respective documents (ROP or Glossary).

Term 40: Reliability Standard

Glossary Definition (differences in definition narrative indicated in red)	ROP, Appendix 2 Definition (differences in definition narrative indicated in red)	SDT proposed revisions
A requirement, approved by the United States Federal Energy Regulatory Commission under this Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk-Power System]. The term includes requirements for the operation of existing bulk-power system [Bulk-Power System] facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk-Power System], but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity.	a requirement to provide for Reliable Operation of the Bulk Power System, including without limiting the foregoing, requirements for the operation of existing Bulk Power System Facilities, including cyber security protection, and including the design of planned additions or modifications to such Facilities to the extent necessary for Reliable Operation of the Bulk Power System, but the term does not include any requirement to enlarge Bulk Power System Facilities or to construct new transmission capacity or generation capacity. A Reliability Standard shall not be effective in the United States until approved by the Federal Energy Regulatory Commission and shall not be effective in other jurisdictions until made or allowed to become effective by the Applicable Governmental Authority.	The SDT is proposing revisions to both the Glossary and ROP definitions, as follows: Redline of Glossary definition: A requirement, approved by the United States Federal Energy Regulatory Commission under ~~this~~ Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk~~-~~ Power System]. The term includes requirements for the operation of existing bulk-power system [Bulk~~-~~ Power System] facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk~~-~~ Power System], but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity. (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.) Redline of ROP definition: a requirement, approved by the United States Federal Energy Regulatory Commission under Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk Power System]., ~~including without limiting the foregoing,~~ The term includes requirements for the operation of existing bulk-power system [Bulk Power System] ~~Facilities~~facilities, including cyber-security protection, and ~~including~~ the design of planned additions or modifications to such ~~Facilities~~ facilities to the extent necessary for reliable operation [Reliable Operation] of the bulk-power system [Bulk Power System], but the term does not include any requirement to enlarge ~~Bulk Power System~~ such ~~Facilities~~ facilities or to construct new transmission capacity or generation capacity.++ (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.) In certain contexts, this term may also refer to a "Reliability Standard" that is in the process of being developed, or not yet approved or recognized by FERC or an applicable governmental authority in other jurisdictions. ~~A Reliability Standard~~

			~~shall not be effective in the United States until approved by the Federal Energy Regulatory Commission and shall not be effective in other jurisdictions until made or allowed to become effective by the Applicable Governmental Authority.~~

I. HISTORY AND BACKGROUND INFORMATION REGARDING "RELIABILITY STANDARD" DEFINITION

History of Glossary term:

- Original version: 03/16/07 - 07/08/13
  - FERC Order No. 693 (03/16/07) - "The Commission directs the ERO to modify the glossary through the Reliability Standards development process to include the statutory definitions of the terms Bulk-Power System, Reliable Operation and Reliability Standard. However, this determination does not negate our discussion in the Applicability section of the Final Rule. While the glossary should be revised to include the statutory definition of Bulk-Power System, the Reliability Standards refer to the bulk electric system, which is also defined in the glossary." (P 1894)

- Current version: **Effective as of 07/09/13**
  - Revised by Project 2012-08.1 Phase 1 of the Glossary Updates for Statutory Definitions
  - NERC Petition (05/10/13) - The proposed definition borrows heavily from FPA, but makes slight alterations.

"The term "Reliability Standard" is defined in section 215 of the FPA as follows:

> (3) The term 'reliability standard' means a requirement, approved by the Commission under this section, to provide for reliable operation of the bulk-power system. The term includes requirements for the operation of existing bulk-power system facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for reliable operation of the bulk-power system, but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity.

The proposed definition of the term "Reliability Standard" for inclusion in the NERC Glossary is as follows:

> "Reliability Standard" means a requirement, approved by the United States Federal Energy Regulatory Commission under Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for Reliable Operation of the Bulk-Power System. The term includes requirements for the operation of existing Bulk-Power System facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for Reliable Operation of the Bulk-Power System, but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity.

As noted herein, the proposed definition of "Reliability Standard" is substantively identical to the definition in section 215 of the FPA, although the terms "Bulk-Power System" and "Reliable Operation" are capitalized to reflect the fact that they are defined terms and slight modifications were necessary to clarify the terms "Commission" and "section" (contained in the section 215 definition of the term "Reliability Standard").

"Commission" refers to the Federal Energy Regulatory Commission in the United States and applicable governmental authorities approving, or recognizing the standard, in other jurisdictions; similarly, "section" has been replaced with "section 215 of the Federal Power Act."
These minor modifications are fully consistent with section 215 and the recognized need for international agreements with the governments of Canada and Mexico to provide for effective compliance with Reliability Standards and the effectiveness of the ERO in the United States and Canada or Mexico. For these reasons, the proposed definition of "Reliability Standard" should be accepted in compliance with the Commission's directive in Order No. 693." (pp. 7-8)

- FERC Order (07/9/13) - Letter order approving proposed definitions

History of ROP term:

- Original version:
  - NERC Non-Governance Compliance Filing (10/18/06): "NERC has also revised definitions in its Rules of Procedure to match definitions in Section 215(a) of the Federal Power Act and/or Part 39 of the Commission's regulations, including 'bulk power system', 'electric reliability organization,' 'reliable operation,' and 'reliability standard'." (pp. 71-72)
    - " 'Reliability standard' means a requirement to provide for reliable operation of the bulk power system, including without limiting the foregoing, requirements for the operation of existing bulk power system facilities, including cyber security protection, and including the design of planned additions or modifications to such facilities to the extent necessary for reliable operation of the bulk power system, but the term does not include any requirement to enlarge bulk power system facilities or to construct new transmission capacity or generation capacity. A reliability standard shall not be effective in the United States until approved by the Federal Energy Regulatory Commission and shall not be effective in other jurisdictions until made or allowed to become effective by the applicable governmental authority.' (Citing, Attachment 1, Revised ROP, at Section 202)

  - FERC Order Accepting Non-Governance Compliance Filing (01/18/07): "NERC has appropriately revised definitions in its Bylaws and its Rules of Procedure to reflect these same definitions in Order No. 672." (P 223)

- Current version: **Effective as of 01/31/2012**
  - NERC Petition to Revise ROP (11/29/11): "The purposes of the proposed revisions are (1) to place all definitions of defined terms used anywhere in the ROP in a single, readily-accessible location (proposed new Appendix 2); (2) to capitalize defined terms throughout the ROP where such terms are intended to be used in their defined meanings; and (3) to lower-case other terms that are currently capitalized in the ROP but are not defined terms." (p. 1)
  - FERC Order Approving Amendments to the ROP (01/31/2012): "Pursuant to section 215(f) of the FPA and section 39.10(a) of the Commission's regulations, we approve the proposed revisions to the NERC Rules of Procedure. We agree with NERC that the revisions do not substantively change any original definitions in the Rules of Procedure; moreover, the Rules of Procedure remains procedurally and substantively the same. In addition, the creation of Appendix 2 offers a central, readily-accessible document containing all defined terms as used within the Rules of Procedure." (P 10)

II. USAGE OF DEFINED TERM: RELIABILITY STANDARD

List of usage of the term "Reliability Standard" within the Complete Set of Reliability Standards: The term appears at least 330 times within the Complete Set of NERC Reliability Standards. The overwhelming majority of these uses are in reference to a particular Reliability Standard (*e.g.*, Reliability Standard FAC-003-3). Such uses do not touch upon the concept of "Reliability Standard" in a way that revising the definition of the term would have any material impact. It also appears passim in the "Applicability" Section of the new CIP v5 Standards. Again, revision would have no material impact. Also, it appears in the "Effective Date" of many Reliability Standards. Again, revision would have no material impact.

List of ROP provisions (other than Appendix 2) where Reliability Standard occurs: The term appears over 850 times in the ROP. A number of the ROP provisions refer or apply to Reliability Standards that are currently under development, or are approved by the NERC Board of Trustees, but not yet approved by FERC or another applicable governmental authority.

List defined terms that include Reliability Standard in definition narrative:

	Glossary	ROP [Link to ROP]
1	Burden (not defined term)	The term is used in 38 ROP, Appendix 2 definitions.
2	Compliance Monitor (not defined term)	
3	Control Performance Standard (not defined term)	
4	Disturbance Control Standard (not defined term)	
5	Remedial Action Scheme	
6	Extraordinary Contingency (referencing WECC Reliability Standard)	
7	Functionally Equivalent Protection System	
8	Functionally Equivalent RAS	

List of all other defined terms that are included in the Reliability Standard definition narrative:

Glossary: Reliable Operation, Bulk-Power System, facility(ies)
ROP: Reliable Operation, Bulk Power System, Facility, Applicable Governmental Authority

III. DRAFTING TEAM ANALYSIS AND ASSESSMENT

Explanation of differences in definition narratives: The Glossary definition is somewhat more limiting because it defines "Reliability Standard" as a "requirement approved by the United States Federal Energy Regulatory Commission…" The ROP definition is broader than the Glossary definition because it does not include the "approved" language and includes those standards that are not yet FERC-approved.

How/why the terms may be applied differently as a result of the differences: The difference in these definitions is meaningful. The Glossary term is narrower than the ROP term. This difference may cause confusion when applying the definition in the ROP when addressing standards that are currently under development, or approved by the NERC Board of Directors, but not yet FERC-approved.

Proposed revision(s): The drafting team proposes revisions to both the Glossary and ROP definitions.

Redline of Glossary definition:

A requirement, approved by the United States Federal Energy Regulatory Commission under ~~this~~ Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk~~-~~ Power System]. The term includes requirements for the operation of existing bulk-power system [Bulk~~-~~ Power System] facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk~~-~~ Power System], but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity. (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)

Redline of ROP Appendix 2 definition:

a requirement, approved by the United States Federal Energy Regulatory Commission under Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk Power System]~~, including without limiting the foregoing,~~ The term includes requirements for the operation of existing bulk-power system [Bulk Power System] ~~Facilities~~facilities, including cyber~~-~~security protection, and ~~including~~ the design of planned additions or modifications to such ~~Facilities~~ facilities to the extent necessary for reliable operation [Reliable Operation] of the bulk-power system [Bulk Power System], but the term does not include any requirement to enlarge ~~Bulk Power System~~ such ~~Facilities~~ facilities or to construct new transmission capacity or generation capacity.~~+~~+ (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.) In certain contexts, this term may also refer to a "Reliability Standard" that is in the process of being developed, or not yet approved or recognized by FERC or an applicable governmental authority in other jurisdictions. ~~A Reliability Standard shall not be effective in the United States until approved by the Federal Energy Regulatory Commission and shall not be effective in other jurisdictions until made or allowed to become effective by the Applicable Governmental Authority.~~

Justification for decision: The SDT believes the proposed revisions will allow the ROP definition to align with the Glossary definition, which tracks the language in the Federal Power Act. The Glossary was revised through Project 2012-08.1 to address a FERC directive to adopt the Federal Power Act definition. The Project 2012-08.1 drafting team noted in their response to industry comments that any necessary revisions to the ROP definition would be made through a separate project. The Project 2015-04 SDT is now proposing to make these revisions to align the definitions. Because a number of ROP provisions refer or apply to Reliability Standards that are currently under development, or are approved by the NERC Board of Trustees, but not yet FERC-approved, the SDT is proposing to add qualifying language to the ROP definition. The ROP definition explains that in certain contexts, "Reliability Standard" may refer to a standard that is in the process of being developed, and not yet FERC-approved.

Term 44: Sink Balancing Authority

Glossary Definition (differences in definition narrative indicated in red)	ROP, Appendix 2 Definition (differences in definition narrative indicated in red)	SDT proposed revisions
The Balancing Authority in which the load (sink) is located for an Interchange Transaction and any resulting Interchange Schedule.	the Balancing Authority in which the Load (sink) is located for an Interchange Transaction.**	The SDT is proposing to revise the ROP definition to align with the Glossary definition. Redline of ROP definition: the Balancing Authority in which the ~~Load~~ load (sink) is located for an Interchange Transaction and any resulting Interchange Schedule.**

I. HISTORY AND BACKGROUND INFORMATION REGARDING "SINK BALANCING AUTHORITY" DEFINITION

History of Glossary term:

- Original version: FERC approved 3/16/2007: "The Balancing Authority in which the load (sink) is located for an Interchange Transaction. (This will also be a Sending Balancing Authority for the resulting Interchange Schedule.)"

- Current version: **Effective as of 10/01/2014**
  - Revisions made by Project 2008-12 Coordinate Interchange Standards
  - NERC Petition (02/27/2014) - "The proposed revisions to "Sink Balancing Authority" are intended to clarify the various Balancing Authorities involved in the implementation of Interchange and their relationships with regards to Interchange." (p. 33)
  - FERC Order (06/30/2014) – Letter order approving the revised Glossary definition

History of ROP term:

- Current version: **Effective as of 07/01/13**
  - NERC Petition (11/29/2011) - Added Appendix 2 to ROP and adopted existing Glossary definition for Sink Balancing Authority (p. 14)
  - FERC Order (01/31/2012) - "These revisions are being proposed as a result of P 93 of the Commission's Order issued October 21, 2010, in Docket No. RR10-11-000, in which the Commission invited NERC to submit a filing making consistent use of defined terms throughout the ROP and Appendices." (p. 1)
  - NERC Petition (01/25/12) – Minor revisions to "Sink Balancing Authority" to reflect changes resulting from new BES Definition

II. USAGE OF DEFINED TERM: SINK BALANCING AUTHORITY

List of usage of the term Sink Balancing Authority within Reliability Standards:

	Reliability Standard
1	BAL-006-2
2	INT-001-3
3	INT-004-3.1
4	INT-005-3

5	INT-006-4
6	INT-010-2.1
7	IRO-006-East-1
8	MOD-028-2

List of ROP provisions (other than Appendix 2) where Sink Balancing Authority occurs: None.

List defined terms that include Sink Balancing Authority in definition narrative:

	Glossary
1	Intermediate Balancing Authority
2	Request for Interchange (Archive)
3	Contributing Schedule
4	Relief Requirement (Archive)

	ROP
1	N/A
2	N/A
3	N/A
4	N/A

List of other defined terms that are included in the Sink Balancing Authority definition narrative:

Glossary: Balancing Authority, load, Interchange Transaction, Interchange Schedule
ROP: Balancing Authority, Load, Interchange Transaction

III. DRAFTING TEAM ANALYSIS AND ASSESSMENT

Explanation of differences in definition narratives: There are two differences between the Glossary and ROP definitions: (1) the Glossary definition does not capitalize the term "load" whereas the ROP definition does; and, (2) the Glossary definition includes "an Interchange Transaction and any resulting Interchange Schedule" whereas the ROP definition only provides "an Interchange Transaction."

How/why the terms may be applied differently as a result of the differences: The language added through the Project 2008-12 Coordinate Interchange Standards did not impact or change the meaning of the definitions. The changes to the Glossary definition clarified the various Balancing Authorities involved in the implementation of Interchange and their relationship to Interchange. Additionally, the Glossary definition correctly uses lowercase for "load" rather than the defined term, which is appropriate given that the use of load in the narrative does not appear to have the meaning of the NERC definition. The SDT is proposing to correct the ROP definition to reflect the lowercase usage of the word "load" so that it is aligned with the Glossary definition.

Proposed revision(s): The SDT proposes to revise the ROP definition to align with the Glossary definition.

Redline of ROP definition:

the Balancing Authority in which the ~~Load~~ load (sink) is located for an Interchange Transaction and any resulting Interchange Schedule.**

Justification for decision: The original Glossary definition became effective in March 2007. The ROP definition adopted the Glossary definition when Appendix 2 was created in 2012. Note that the ROP definition is marked with a double asterisk (**), indicating it was taken from the Glossary. Subsequently, in 2014, the Glossary term was revised to provide greater clarity. The ROP definition was not updated to reflect the revised Glossary definition.

Term 45: Source Balancing Authority

Glossary Definition (differences in definition narrative indicated in red)	ROP, Appendix 2 Definition (differences in definition narrative indicated in red)	SDT proposed revisions
The Balancing Authority in which the generation (source) is located for an Interchange Transaction and for any resulting Interchange Schedule.	the Balancing Authority in which the generation (source) is located for an Interchange Transaction.**	The SDT is proposing to revise the ROP definition to align with the Glossary definition. Redline of ROP definition: the Balancing Authority in which the generation (source) is located for an Interchange Transaction and for any resulting Interchange Schedule.**

I. HISTORY AND BACKGROUND INFORMATION REGARDING "SOURCE BALANCING AUTHORITY" DEFINITION

History of Glossary term:

- Original version: Effective dates 03/16/07 – 09/30/14 (Version 0: "The Balancing Authority in which the generation (source) is located for an Interchange Transaction. This will also be a Sending Balancing Authority for the resulting Interchange Schedule.")

- Current version: **Effective as of 10/01/2014**
  - Revisions made by Project 2008-12 Coordinate Interchange Standards
  - NERC Petition (02/27/14) - "The proposed revisions to "Source Balancing Authority" are intended to clarify the various Balancing Authorities involved in the implementation of Interchange and their relationships with regards to Interchange." (p. 34)
  - FERC Order (06/30/2014) – FERC letter order approving revised Glossary definition

History of ROP term:

- Current version: **Effective as of 01/31/2012**
  - NERC Petition (11/29/2011) - Added Appendix 2 to ROP and adopted existing Glossary definition for Adjacent Balancing Authority (see p. 9)
  - FERC Order (01/31/2012) - "These revisions are being proposed as a result of P 93 of the Commission's Order issued October 21, 2010, in Docket No. RR10-11-000, in which the Commission invited NERC to submit a filing making consistent use of defined terms throughout the ROP and Appendices." (p. 1)

II. USAGE OF DEFINED TERM: SOURCE BALANCING AUTHORITY

List of all usage of the term Source Balancing Authority within Reliability Standards:

	Reliability Standard
1	BAL-006-2
2	INT-005-3
3	INT-006-4
74	MOD-028-2

List of all ROP provisions (other than Appendix 2) where Source Balancing Authority occurs: None.

List all defined terms that include Source Balancing Authority in definition narrative:

	Glossary
1	Intermediate Balancing Authority
2	Contributing Schedule

	ROP
1	N/A
2	N/A

List of all other defined terms that are included in the Source Balancing Authority definition narrative:

Glossary**:** Balancing Authority, Interchange Transaction, Interchange Schedule

ROP: Balancing Authority, Interchange Transaction

III. DRAFTING TEAM ANALYSIS AND ASSESSMENT

Explanation of differences in definition narratives: The Glossary definition includes "and for any resulting Interchange Schedule" whereas the ROP does not.

Explain how/why the terms may be applied differently as a result of the differences: The language added through the Project 2008-12 Coordinate Interchange Standards did not impact or change the meaning of the definitions. The changes to the Glossary definition clarified the various Balancing Authorities involved in the implementation of Interchange and their relationship to Interchange.

Proposed revision(s). The SDT proposes to revise the ROP definition to align with the Glossary definition.

Redline of ROP definition:

the Balancing Authority in which the generation (source) is located for an Interchange Transaction and for any resulting Interchange Schedule.**

Justification for decision: The original Glossary definition became effective in March 2007. The ROP definition adopted the Glossary definition when Appendix 2 was created in 2012. Note that the ROP definition is marked with a double asterisk (**), indicating it was taken from the Glossary. Subsequently, in 2014, the Glossary term was revised to provide greater clarity. The ROP definition was not updated to reflect the revised Glossary definition.

Term 48: System Operating Limit (SOL)

Glossary Definition (differences in definition narrative indicated in red)	ROP, Appendix 2 Definition (differences in definition narrative indicated in red)	SDT proposed revisions
The value (such as MW, MVar, Amperes, Frequency or Volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to: • Facility Ratings (Applicable pre- and post-Contingency equipment or facility ratings) • Transient Stability Ratings (Applicable pre- and post-Contingency Stability Limits) • Voltage Stability Ratings (Applicable pre- and post-Contingency Voltage Stability) • System Voltage Limits (Applicable pre- and post-Contingency Voltage Limits)	the value (such as MW, Mvar, amperes, frequency or volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria.**	The SDT is proposing to revise both the Glossary and ROP, as follows: Redline of Glossary definition: The value (such as MW, MVar, ~~A~~amperes, ~~Frequency~~ frequency or ~~Volts~~volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to: • Facility Ratings (~~Applicable~~ applicable pre- and post-Contingency ~~equipment~~ Equipment Ratings or ~~facility~~ Facility ~~ratings~~Ratings) • ~~Transient~~ transient ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Stability~~ stability ~~Limits~~limits) • ~~Voltage~~ voltage ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Stability~~stability) • ~~System~~ system ~~Voltage~~ voltage ~~Limits~~ limits (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Limits~~limits) Redline of ROP definition: the value (such as MW, Mvar, amperes, frequency or volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to: • facility ratings (applicable pre- and post-contingency equipment ratings or facility ratings) • transient stability ratings (applicable pre- and post-contingency stability limits) • voltage stability ratings (applicable pre- and post-contingency voltage stability) • system voltage limits (applicable pre- and post-contingency voltage limits).**

I. HISTORY AND BACKGROUND INFORMATION REGARDING "SYSTEM OPERATING LIMIT" DEFINITION

History of Glossary term:

- Original and current version: **Effective date 07/08/13**
  - FERC Order No. 693 (03/16/07) - "The Commission directs the ERO to modify the glossary through the Reliability Standards development process to include the statutory definitions of the terms Bulk-Power System, Reliable Operation and Reliability Standard. However, this determination does not negate our discussion in the Applicability section of the Final Rule. While the glossary should be revised to include the statutory definition of Bulk-Power System, the Reliability Standards refer to the bulk electric system, which is also defined in the glossary." (P 1894)

History of ROP term:

- Current version: **Effective as of 01/31/2012**
  - NERC Petition (11/29/2011) - Added Appendix 2 to ROP and adopted existing Glossary definition for System Operating Limit (see p. 14)
  - FERC Order (01/31/2012) - "These revisions are being proposed as a result of P 93 of the Commission's Order issued October 21, 2010, in Docket No. RR10-11-000, in which the Commission invited NERC to submit a filing making consistent use of defined terms throughout the ROP and Appendices."

II. USAGE OF DEFINED TERM: SYSTEM OPERATING LIMIT

List of usage of the term "System Operating Limit" within Reliability Standards: The term appears over fifty times within the Complete Set of NERC Reliability Standards. A majority of these occurrences are in the FAC, IRO and TOP standards (the term also appears in CIP, EOP, MOD, PER, and PRC standards).

List of ROP provisions (other than Appendix 2) where System Operating Limit occurs:

	ROP provision	Page # [Link to ROP]
1	Appendix 4C – CMEP, Section 1.1.11	216 of 483
2	NERC Blackout and Disturbance Response Procedures	468 of 483

List defined terms that include System Operating Limit in definition narrative:

	Glossary
1	Burden
2	Constrained Facility
3	N/A
4	Interconnection Reliability Operating Limit
5	Total Flowgate Capability

	ROP
1	N/A
2	N/A
3	Exception Report
4	Interconnection Reliability Operating Limit
5	N/A

List of other defined terms that are included in the System Operating Limit definition narrative:

Glossary: system, Facility Rating, Contingency, Equipment Rating

ROP: system

III. DRAFTING TEAM ANALYSIS AND ASSESSMENT

Explanation of differences in definition narratives: The Glossary definition explains that System Operating Limits are based on certain operating criteria, and it provides a non-exhaustive listing of what that operating criteria may be. The ROP does not contain this additional level of detail.

How/why the terms may be applied differently as a result of the differences: The definitions are similar, however, the Glossary provides more clarity by giving examples of what the operating criteria might be. While the Glossary definition may provide more clarity with the examples, the definitions are consistent with one another and the differences should not result in different application of the term.

Proposed revision(s): The SDT is proposing revisions to both the Glossary and ROP definitions.

Redline of Glossary definition:

The value (such as MW, MVar, ~~A~~amperes, ~~Frequency~~ frequency or ~~Volts~~volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to:

- Facility Ratings (~~Applicable~~ applicable pre- and post-Contingency ~~equipment~~ Equipment Ratings or ~~facility~~ Facility ~~ratings~~Ratings)
- ~~Transient~~ transient ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Stability~~ stability ~~Limits~~limits)
- ~~Voltage~~ voltage ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Stability~~stability)
- ~~System~~ system ~~Voltage~~ voltage ~~Limits~~ limits (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Limits~~limits).

Redline of ROP definition:

the value (such as MW, Mvar, amperes, frequency or volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to:

- facility ratings (applicable pre- and post-contingency equipment ratings or facility ratings)
- transient stability ratings (applicable pre- and post-contingency stability limits)
- voltage stability ratings (applicable pre- and post-contingency voltage stability)
- system voltage limits (applicable pre- and post-contingency voltage limits).**

Justification for decision: The ROP definition adopted the Glossary definition when Appendix 2 was created in 2012. Note that the ROP definition is marked with a double asterisk (**), indicating it was taken from the Glossary. However, despite the double asterisk (**) indicator, the ROP definition only adopted a portion of the Glossary definition. The SDT is proposing to align the ROP with the Glossary definition. The Glossary definition

provides more clarity with the non-exhaustive list of examples. Additionally, the SDT revised the Glossary definition to lowercase those terms that are not defined terms, and thus, should not be capitalized in the definition narrative.

Part IV: Group 2 recommendations

There are a total of six (6) Group 2 cross-over terms:

Term 8: Critical Assets

Term 9: Critical Cyber Assets

Term 10: Cyber Assets

Term 11: Cyber Security Incident

Term 25: Interconnection

Term 46: Special Protection System

The SDT is recommending revisions to one (1) of the Group 2 cross-over terms. Below is an overview of the SDT research, assessment, proposed revision(s), and justification for each of the recommendations.

CIP-RELATED CROSS-OVER TERMS

Term 8: Critical Assets

Glossary Definition (differences in definition narrative indicated in red)	ROP, Appendix 2 Definition (differences in definition narrative indicated in red)	SDT proposed revisions
Glossary term (inactive 03/31/16): Facilities, systems, and equipment which, if destroyed, degraded, or otherwise rendered unavailable, would affect the reliability or operability of the Bulk Electric System.	Facilities, systems, and equipment which, if destroyed, degraded, or otherwise rendered unavailable, would affect the reliability or operability of the Bulk Electric System.**	The SDT is not proposing revisions to the cross-over terms at this time. This is because the changes that would be necessary to align the terms would necessitate a large number of other changes that are outside the scope of the SAR for this project. For the reasons outlined below, the SDT will submit a SAR to address the alignment of terms for all CIP-related definitions. The proposed SAR will include alignment of the defined terms to incorporate the changes to the ROP definitions made through the Version 5 revisions, and also any revisions necessary to provisions of the ROP as a result of proposed changes to the ROP defined terms contained in Appendix 2. The SAR will propose that members of the Project 2008-06 SDT are involved with the revisions to the ROP.

Term 9: Critical Cyber Assets

Glossary Definition (differences in definition narrative indicated in red)	ROP, Appendix 2 Definition (differences in definition narrative indicated in red)	SDT proposed revisions
Glossary term (inactive 03/31/2016): Cyber Assets essential to the reliable operation of Critical Assets.	Cyber Assets critical to the reliable operation of Critical Assets.**	The SDT is not proposing revisions to the cross-over terms at this time. This is because the changes that would be necessary to align the terms would necessitate a large number of other changes that are outside the scope of the SAR for this project. For the reasons outlined below, the SDT will submit a SAR to address the alignment of terms for all CIP-related definitions. The proposed SAR will include alignment of the defined terms to incorporate the changes to the ROP definitions made through the Version 5 revisions, and also any revisions necessary to provisions of the ROP as a result of proposed changes to the ROP defined terms contained in Appendix 2. The SAR will propose that members of the Project 2008-06 SDT are involved with the revisions to the ROP.

Term 10: Cyber Assets

Glossary Definition (differences in definition narrative indicated in red)	ROP, Appendix 2 Definition (differences in definition narrative indicated in red)	SDT proposed revisions
Current definition (inactive 3/31/16):		The SDT is not proposing revisions to the cross-over terms at this time. This is because the changes that

Programmable electronic devices and communication networks including hardware, software, and data. Revised definition (effective 4/1/2016): Programmable electronic devices, including the hardware, software, and data in those devices.	programmable electronic devices and communication networks including hardware, software, and data.** programmable electronic devices and communication networks including hardware, software, and data.**	would be necessary to align the terms would necessitate a large number of other changes that are outside the scope of the SAR for this project. For the reasons outlined below, the SDT will submit a SAR to address the alignment of terms for all CIP-related definitions. The proposed SAR will include alignment of the defined terms to incorporate the changes to the ROP definitions made through the Version 5 revisions, and also any revisions necessary to provisions of the ROP as a result of proposed changes to the ROP defined terms contained in Appendix 2. The SAR will propose that members of the Project 2008-06 SDT are involved with the revisions to the ROP.

Term 11: Cyber Security Incident

Glossary Definition (differences in definition narrative indicated in red)	ROP, Appendix 2 Definition (differences in definition narrative indicated in red)	SDT proposed revisions
Current definition (inactive 03/31/16): Any malicious act or suspicious event that: • Compromises, or was an attempt to compromise, the Electronic Security Perimeter or Physical Security Perimeter of a Critical Cyber Asset, or, • Disrupts, or was an attempt to disrupt, the operation of a Critical Cyber Asset. Revised definition (effective 04/01/16): A malicious act or suspicious event that: • Compromises, or was an attempt to compromise, the Electronic Security Perimeter or Physical Security Perimeter or, • Disrupts, or was an attempt to disrupt, the operation of a BES Cyber System.	any malicious or suspicious event that disrupts, or was an attempt to disrupt, the operation of those programmable electronic devices and communications networks including hardware, software and data that are essential to the Reliable Operation of the Bulk Power System.++ any malicious or suspicious event that disrupts, or was an attempt to disrupt, the operation of those programmable electronic devices and communications networks including hardware, software and data that are essential to the Reliable Operation of the Bulk Power System.++	The SDT is not proposing revisions to the cross-over terms at this time. This is because the changes that would be necessary to align the terms would necessitate a large number of other changes that are outside the scope of the SAR for this project. For the reasons outlined below, the SDT will submit a SAR to address the alignment of terms for all CIP-related definitions. The proposed SAR will include alignment of the defined terms to incorporate the changes to the ROP definitions made through the Version 5 revisions, and also any revisions necessary to provisions of the ROP as a result of proposed changes to the ROP defined terms contained in Appendix 2. The SAR will propose that members of the Project 2008-06 SDT are involved with the revisions to the ROP.

I. HISTORY AND BACKGROUND INFORMATION REGARDING THE CIP-RELATED CROSS OVER TERMS

In 2008, in Order No. 706, FERC approved a number of revised CIP standards and CIP-related Glossary definitions, including the cross-over terms that are currently under review in this project. Thereafter, in 2011, NERC filed a Petition requesting approval to create a ROP Appendix 2 which would house all of the defined terms used or necessary for the ROP provisions. In 2012, FERC issued an Order Approving Amendments to the ROP. In the ROP, Appendix 2, defined terms that were taken from the Glossary were marked with a double asterisk (**); whereas terms taken from the Federal Power Act were marked with a double plus sign (++). All of the cross-over terms that are currently under review by the SDT were added to the ROP, Appendix 2 in this filing. Of those terms, three terms-- Critical Assets, Critical Cyber Assets, and Cyber Assets-- are marked with a double asterisk (**) because they were

taken from the Glossary; one term-- Cyber Security Incident-- is marked with a double plus sign (++) because it was taken from the Federal Power Act.

In 2012, Project 2008-06 made substantial revisions to the CIP Reliability Standards, including revisions to a number of the defined terms used therein. In NERC's petition for approval of the revised standards, "NERC proposes nineteen CIP-related definitions for inclusion in the NERC Glossary. This includes fifteen new definitions and four revised definitions, as well as the retirement of two definitions." See, FERC Order No. 791 P 113.
The 15 newly proposed Glossary definitions included:

1. BES Cyber Asset
2. BES Cyber System
3. BES Cyber System Information
4. CIP Exceptional Circumstances
5. CIP Senior Manager
6. Control Center
7. Dial-up Connectivity
8. Electronic Access Control or Monitoring Systems (EACMS)
9. Electronic Access Point (EAP)
10. External Routable Connectivity
11. Interactive Remote Access
12. Intermediate System
13. Physical Access Control Systems (PACS)
14. Protected Cyber Assets (PCA)
15. Reportable Cyber Security Incident

Also, NERC proposed revisions to four existing Glossary definitions:

1. Cyber Assets
2. Cyber Security Incident
3. Electronic Security Perimeter (ESP)
4. Physical Security Perimeter (PSP)

Further, NERC proposed to retire two existing Glossary definitions:

1. Critical Assets
2. Critical Cyber Assets

These proposed revisions to the Glossary terms were approved by FERC, and become effective March 31, 2016 (retired terms) and April 01, 2016 (new and revised terms). (*See*, FERC Order No. 791). However, no conforming changes were proposed for the defined terms contained in the ROP, Appendix 2. As a result, beginning March 31, 2016, a number of CIP-related defined terms will not be aligned.

II. USAGE OF CIP-RELATED DEFINED TERMS

The four (4) cross-over terms at issue are used throughout the CIP Reliability Standards. Also, the terms are used in a number of ROP provisions, including:

1. Section 400 – Compliance Enforcement, Section 401.10 and 403.13 (*see* pp. 29-39 of 483);
2. Section 1500 – Confidential Information (*see*, p. 96 of 483);
3. Appendix 4C: Compliance Monitoring and Enforcement Program, Section 1.1.5 – Definitions (*see*, p. 262 of 483);
4. Appendix 4C: Compliance Monitoring and Enforcement Program – Attachment 2 - Section 1.5.10, 1.7.4 (*see*, pp. 291, 299, 301 of 483);

5. Appendix D – Technically Feasible Exception Procedure (*see*, pp. 309-310 of 483);
6. Compliance and Certification Committee Hearing Procedures - 1.1.5 Definitions (*see*, pp. 334, 336, 357, 363, 364 of 483);
7. Appendix 5B – Statement of Compliance Registry Criteria (see, p. 438 of 483);
8. Hearing Procedures for Use in Appeals of Certification Matters (*see*, pp. 373, 384, 389 of 483)

III. DRAFTING TEAM ANALYSIS AND ASSESSMENT

The SDT is not proposing any revisions to the cross-over terms at this time. This is because the changes that are necessary to align the four cross-over terms would also necessitate a large number of other changes that are outside the scope of the SAR for this project. For example, if changes were made to revise the ROP definition to align with the future enforceable Glossary definition of Cyber Security Incident, three (3) new defined terms would need to be introduced to the ROP-- BES Cyber System, Physical Security Perimeter and Electronic Security Perimeter. Also, the defined term "BES Cyber System" contains the defined term "BES Cyber Asset," which is not defined in the ROP. These four defined terms would need to be added to the ROP because they are not currently defined terms in the ROP, and the definition narratives that would be adopted contain the defined terms.

Another example is the terms, Critical Asset and Critical Cyber Asset, which were retired by the Project 2008-06 team. The CIP version 5 drafting team retired these two terms in the Glossary because the revisions associated with the Version 5 CIP standards "moves away from the CIP version 4 'bright-line' approach of only identifying Critical Assets (and applying CIP requirements only to their associated Critical Cyber Assets), to requiring a minimum classification of 'Low Impact' for all BES Cyber Systems." (See, FERC Order No. 791, P14). In conjunction with the retirement of these two Glossary terms, however, the CIP SDT made a number of revisions to other defined terms and added new definitions to reflect the paradigm shift to classifying BES Cyber Systems. Therefore, in order for this drafting team to adopt the approach taken by the CIP version 5 changes, the team could not simply retire the two cross-over terms that are currently within the scope of the SAR. Rather, the team would have to make all of the other corresponding and necessary changes that were made in conjunction with the CIP version 5 work. For example, the team added the new term, "BES Cyber Asset" to replace the retired terms. This is not a defined term in the ROP, so it would need to be added to Appendix 2. The Glossary definition of "BES Cyber Asset" includes two defined terms-- Electronic Security Perimeter and Cyber Asset. These two defined terms would need to be added to the ROP and align with the Glossary definition.

Additionally, any changes to the ROP definitions would necessitate a thorough review and analysis of the provisions of the ROP that use any of those terms-- both defined and lowercase usage. This is because the ROP currently contains a number of provisions which use the cross-over terms according to the manner in which they are currently defined in the ROP. The alignment changes may alter or affect the meaning of these ROP provisions (see above listing for examples of ROP provisions that use the current ROP definitions).

For the reasons outlined above, the SDT will submit a SAR to address the alignment of terms for all CIP-related definitions. The proposed SAR will include alignment of the defined terms to incorporate the changes to the ROP definitions made through the Version 5 revisions, and also any revisions necessary to provisions of the ROP as a result of proposed changes to the ROP defined terms contained in Appendix 2. The SAR will propose that members of the Project 2008-06 SDT are involved with the revisions to the ROP.

Term 25: Interconnection

Glossary Definition (differences in definition narrative indicated in red)	ROP, Appendix 2 Definition (differences in definition narrative indicated in red)	SDT proposed revisions
Currently effective (inactive as of 06/30/16): When capitalized, any one of the three major electric system networks in North America: Eastern, Western, and ERCOT. FERC-approved (effective date 07/01/16) When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.	a geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control.++	The SDT is proposing to revise both the Glossary and ROP definitions (effective no earlier than 07/01/16), as follows: Redline of Glossary definition: A geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control. When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec. Redline of ROP definition: a geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control.++ When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.**

I. HISTORY AND BACKGROUND INFORMATION REGARDING "INTERCONNECTION" DEFINITION

History of Glossary term:

- Original and current version: Effective 03/16/07 – current
  - FERC Order No. 693 (03/16/07) "When capitalized, any one of the three major electric system networks in North America: Eastern Western, and ERCOT." (P 1898)

- Future version: **Effective beginning 07/01/16**
  - Revised by Project 2010-14.1 - Phase 1 Balancing Authority Reliability-based Controls.
  - NERC Petition (04/02/14) – Revised definition to include Quebec interconnection.
  - FERC Order No. 810 (04/16/15) – Revised definition approved.

History of ROP term:

- Original version: Effective 03/17/07 – 01/30/12). Version 0: "Interconnection" means an electric energy supply and transmission network in which the component electric facilities are interconnected and operated synchronously and to which the only connections to other electric networks are asynchronous. (*See*, FERC Order Certifying NERC as ERO).

- Revised and current version: **Effective as of 01/31/2012**
  - FERC Order (01/31/2012) – The current version is taken from 18 C.F.R. Part 39.1 and the Federal Power Act, Section 215.

II. USAGE OF DEFINED TERM: INTERCONNECTION

List of all usage of the term Interconnection within Reliability Standards: The term appears in at least thirty-five (35) times in the Complete Set of Reliability Standards. The majority of the occurrences are in the BAL, EOP, IRO, MOD and TOP standards.

List of all ROP provisions (other than Appendix 2) where Interconnection occurs:

	ROP provision	Page # [Link to ROP]
1	Section 300, 302, 312	8-20 of 483
2	Section 803	70 -71 of 483
3	Section 1102	84 of 483
4	Appendix 3A – Standards Process Manual, Section 9	167 of 483
5	Appendix 5B – Statement of Compliance Registry Criteria (Revision 5.2)	431-434 of 483
6	Appendix 5C – Exceptions to BES Definition	452 of 483
7	NERC Blackout and Disturbance Procedures	469-473 of 483

List all defined terms that include Interconnection in definition narrative:

	Glossary
1	Adverse Reliability Impact
2	Area Control Error
3	Balancing Authority
4	Bulk Electric System
5	Burden
6	Frequency Bias
7	Frequency Bias Setting
8	Frequency Deviation
9	Frequency Regulation
10	Frequency Response Obligation
11	Interchange Distribution Calculator
12	Interconnection Reliability Operating Limit Tv
13	Reporting ACE
14	Tie Line Bias
15	Time Error
16	Time Error Correction

	ROP
1	N/A
2	N/A
3	Balancing Authority
4	Bulk Electric System
5	N/A
6	N/A
7	N/A
8	N/A
9	N/A
10	N/A
11	Interchange Distribution Calculator
12	N/A
13	N/A
14	N/A
15	N/A
16	N/A

List of all other defined terms that are included in the Interconnection definition narrative:

Glossary: None

ROP: Bulk Power System; Reliable Operation; Facilities

III. DRAFTING TEAM ANALYSIS AND ASSESSMENT

Explanation of differences in definition narratives: The ROP definition provides a description of what an interconnection is conceptually, and the criteria for use in identifying one. The Glossary definition, on the other hand, "defines" the term by applying the ROP definition and identifying the specific geographical areas that meet the criteria outlined in the ROP definition. The difference in these two definitions would be similar to defining the term "Federal Holiday" by listing all eleven federal holidays in the United States (*e.g.*, New Year's Day, MLK Jr. Day, Inauguration Day, etc.) as opposed to defining the term by describing what constitutes a "Federal Holiday" in the abstract (*i.e.*, "an authorized holiday which has been recognized by the US government and on which non-essential federal government offices are closed").

How/why the terms may be applied differently as a result of the differences: The ROP definition is broader than the Glossary because it provides a description of what constitutes an interconnection, as opposed to identifying the specific geographical areas in North America that currently constitute an interconnection. Because the Glossary limits application of the definition to the specific interconnections identified therein, it could be perceived as intended to be more limiting and/or intentionally different than the ROP definition.

Proposed revision(s). The SDT proposes revisions to both the Glossary and ROP definition in order to align the two terms and maintain consistency with the Federal Power Act. Redlines of both definitions are provided below.

Redline of Glossary definition:
A geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control. When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.

Redline of ROP definition:
a geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control.++ When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.**

Justification for decision: The ROP definition tracks the Federal Power Act (note it is marked with ++ indicating such). In order to align the two definitions, without losing the clarity provided by the FERC-approved Glossary definition, which specifically identifies the current Interconnections in North America, the SDT is proposing to combine the two definitions. However, because the recently FERC-approved Glossary definition is not effective until July 1, 2016, the SDT is proposing that the alignment revisions do not take effect until July 1, 2016, at the earliest.

Term 46: Special Protection System

Glossary Definition (differences in definition narrative indicated in red)	ROP, Appendix 2 Definition (differences in definition narrative indicated in red)	SDT proposed revisions
An automatic protection system designed to detect abnormal or predetermined system conditions, and take corrective actions other than and/or in addition to the isolation of faulted components to maintain system reliability. Such action may include changes in demand, generation (MW and Mvar), or system configuration to maintain system stability, acceptable voltage, or power flows. An SPS does not include (a) underfrequency or undervoltage load shedding or (b) fault conditions that must be isolated or (c) out-of-step relaying (not designed as an integral part of an SPS). Also called Remedial Action Scheme.	an automatic protection system designed to detect abnormal or predetermined system conditions, and take corrective actions other than and/or in addition to the isolation of faulted components to maintain system reliability. Such action may include changes in demand, generation (MW and Mvar), or system configuration to maintain system stability, acceptable voltage, or power flows. A Special Protection System does not include (a) underfrequency or undervoltage Load shedding or (b) fault conditions that must be isolated, or (c) out-of-step relaying (not designed as an integral part of a Special Protection System).**	The SDT is not proposing any alignment revisions at this time. This is because the Project 2010-5.3 drafting team work is still underway and the team may propose changes to this definition. Once the Project 2010-5.3 team finalizes its work, then it will be appropriate to make any necessary alignment changes to the definition of Special Protection System.

Part V: Group 3 recommendations

There are a total of twenty-two (22) Group 3 cross-over terms:

Term 2: Balancing Authority
Term 3: Balancing Authority Area
Term 4: Blackstart Resource
Term 7: Cascading
Term 13: Distribution Provider
Term 14: Element
Term 16: Flowgate
Term 24: Interconnected Operations Service
Term 28: Load Serving Entity
Term 31: Planning Authority
Term 33: Point of Receipt
Term 36: Reactive Power
Term 37: Real Power
Term 38: Reliability Coordinator
Term 41: Reliable Operation
Term 42: Reserve Sharing Group
Term 43: Resource Planner
Term 49: Transmission Customer
Term 50: Transmission Operator
Term 51: Transmission Owner
Term 52: Transmission Planner
Term 54: Transmission Service Provider

The SDT is recommending revisions to all twenty-two (22) of the Group 3 cross-over terms. Below is an overview of the SDT research, assessment, proposed revision(s), and justification for each of the recommendations.

#	Term	Glossary (differences in definition narrative indicated in red)	ROP, Appendix 2 (differences in definition narrative indicated in red)	SDT proposed revisions
2	Balancing Authority	The responsible entity that integrates resource plans ahead of time, maintains load-interchange-generation balance within a Balancing Authority Area, and supports Interconnection frequency in real time.	the responsible entity that integrates resource plans ahead of time, maintains Load-interchange-generation balance within a Balancing Authority Area, and supports Interconnection frequency in real time.**	The SDT is recommending changes to the ROP definition to align with the Glossary. Specifically, the ROP definition uses the defined term for "Load" whereas the Glossary does not. Due to the manner in which the term "Load" is used in the definition, it is not proper to use the defined term. This is because the current ROP definition of Load is, "an end-user device or customer that receives power from the electric system." In the definition narrative of Balancing Authority, use of the word load is not intended to mean an end-user device or customer. Instead, as used in the definition narrative, the term load is actually referring to the ability to maintain demand, or sufficient levels of generation to meet demand. Essentially, it is addressing a measure of energy available to meet the current demand. Additionally, during the course of its work on this project, the SDT reviewed and assessed the quality and correctness of the definition of "Balancing Authority." The SDT believes the current definition is unclear and could be improved by a few minor changes. Specifically, use or application of the term "load-interchange-generation" contained in the definition narrative is unclear. As a result, will draft a SAR proposing to revise the definition of Balancing Authority in order to address this issue. Redline of ROP definition: the responsible entity that integrates resource plans ahead of time, maintains ~~Load~~load-interchange-generation balance within a Balancing Authority Area, and supports Interconnection frequency in real time.**
3	Balancing Authority Area	The collection of generation, transmission, and loads within the metered boundaries of the Balancing Authority. The Balancing Authority maintains load-resource balance within this area.	the collection of generation, transmission, and Loads within the metered boundaries of the Balancing Authority. The Balancing Authority maintains Load-resource balance within this area.**	The SDT is recommending changes to the ROP definition to align with the Glossary. Specifically, the ROP definition uses the defined term for "Load" whereas the Glossary does not. Due to the manner in which the term "Load" is used in the definition, it is not proper to use the defined term. This is because the current ROP definition of Load is, "an end-user device or customer that receives power from the electric system." In the definition narrative of Balancing Authority Area, use of the word load is not intended to mean an end-user device or customer. Instead, as used in the definition narrative, the term load is actually referring to the ability to maintain demand, or sufficient levels of generation to meet demand. Essentially, it is addressing a measure of energy available to meet the current demand. Redline of ROP definition: the collection of generation, transmission, and ~~Loads~~ loads within the metered boundaries of the Balancing Authority. The Balancing Authority maintains ~~Load~~load-resource balance within this area.**

4	Blackstart Resource	A generating unit(s) and its associated set of equipment which has the ability to be started without support from the System or is designed to remain energized without connection to the remainder of the System, with the ability to energize a bus, meeting the Transmission Operator's restoration plan needs for real and reactive power capability, frequency and voltage control, and that has been included in the Transmission Operator's restoration plan.	a generating unit(s) and its associated set of equipment which has the ability to be started without support from the System or is designed to remain energized without connection to the remainder of the System, with the ability to energize a bus, meeting the Transmission Operator's restoration plan needs for Real and Reactive Power capability, frequency and voltage control, and that has been included in the Transmission Operator's restoration plan.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the terms "Real Power" and "Reactive Power" because they are defined terms in the Glossary and their usage in this definition narrative is intended to have the meaning of the defined terms. Redline of Glossary term: A generating unit(s) and its associated set of equipment which has the ability to be started without support from the System or is designed to remain energized without connection to the remainder of the System, with the ability to energize a bus, meeting the Transmission Operator's restoration plan needs for ~~real~~ Real and ~~reactive~~ Reactive ~~power~~ Power capability, frequency and voltage control, and that has been included in the Transmission Operator's restoration plan.
7	Cascading	The uncontrolled successive loss of system elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be restrained from sequentially spreading beyond an area predetermined by studies.	the uncontrolled successive loss of System Elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be restrained from sequentially spreading beyond an area predetermined by studies.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the terms "System" and "Elements" because they are defined terms in the Glossary and their usage in this definition narrative is intended to have the meaning of the defined terms. Redline of Glossary term: The uncontrolled successive loss of ~~system~~ System ~~elements~~ Elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be restrained from sequentially spreading beyond an area predetermined by studies.
13	Distribution Provider	Provides and operates the "wires" between the transmission system and the end-use customer. For those end-use customers who are served at transmission voltages, the Transmission Owner also serves as the Distribution Provider. Thus, the Distribution Provider is not defined by a specific voltage, but rather as performing the Distribution function at any voltage.	the entity that provides and operates the "wires" between the transmission system and the end-use customer. For those end-use customers who are served at transmission voltages, the Transmission Owner also serves as the Distribution Provider. Thus, the Distribution Provider is not defined by a specific voltage, but rather as performing the distribution function at any voltage.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to remove the capitalization from the term "Distribution" because it is not a defined term in Glossary (or the ROP). Redline of Glossary term: Provides and operates the "wires" between the transmission system and the end-use customer. For those end-use customers who are served at transmission voltages, the Transmission Owner also serves as the Distribution Provider. Thus, the Distribution Provider is not defined by a specific voltage, but rather as performing the ~~Distribution~~ distribution function at any voltage.

14	Element	Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An element may be comprised of one or more components.	any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An Element may be comprised of one or more components.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Element" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term. Redline of Glossary term: Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An ~~element~~ Element may be comprised of one or more components.
16	Flowgate	1.) A portion of the Transmission system through which the Interchange Distribution Calculator calculates the power flow from Interchange Transactions. 2.) A mathematical construct, comprised of one or more monitored transmission Facilities and optionally one or more contingency Facilities, used to analyze the impact of power flows upon the Bulk Electric System.	1.) A portion of the transmission system through which the Interchange Distribution Calculator calculates the power flow from Interchange Transactions. 2.) A mathematical construct, comprised of one or more monitored transmission Facilities and optionally one or more contingency Facilities, used to analyze the impact of power flows upon the Bulk Electric System.**	The SDT is recommending the following changes: (1) Revise the ROP definition to capitalize the word "Transmission." (2) Add the definition of "Transmission" to the ROP. The term is used (and capitalized) in other ROP definition narratives (see, for example, definition of Bulk Electric System). It is appropriate to capitalize it in this particular narrative because its usage in this definition narrative is intended to have the meaning of the defined term. Additionally, as part of the work for this project, the SDT will develop a set of recommendations regarding improvements to the current ROP and Glossary resources. One of the recommendations will be to conduct a comprehensive review of both the ROP and Glossary to identify all instances where a defined term is used, but it is not capitalized (to indicate applicability or use of the definition). The SDT will recommend that for each occurrence of the term, an assessment is conducted to determine whether the term is intended to have the defined meaning; and in the event it is, then the appropriate revisions should be made. Redline of ROP term: 1.) A portion of the ~~transmission~~ Transmission system through which the Interchange Distribution Calculator calculates the power flow from Interchange Transactions. 2.) A mathematical construct, comprised of one or more monitored transmission Facilities and optionally one or more contingency Facilities, used to analyze the impact of power flows upon the Bulk Electric System.** Add new defined term ("Transmission") to the ROP: "Transmission" means an interconnected group of lines and associated equipment for the movement or transfer of electric energy between points of supply and points at which it is transformed for delivery to customers or is delivered to other electric systems.**

24	Interconnected Operations Service	A service (exclusive of basic energy and transmission services) that is required to support the reliable operation of interconnected Bulk Electric Systems.	a service (exclusive of basic energy and Transmission Services) that is required to support the Reliable Operation of interconnected Bulk Electric Systems.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the terms "Transmission Services" and "Reliable Operation" because they are defined terms in the Glossary and their usage in this definition narrative is intended to have the meaning of the defined terms. Redline of Glossary term: A service (exclusive of basic energy and ~~transmission~~ Transmission ~~services~~Services) that is required to support the ~~reliable~~ Reliable ~~operation~~ Operation of interconnected Bulk Electric Systems.
28	Load-Serving Entity	Secures energy and transmission service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.	an entity that secures energy and Transmission Service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Transmission Service" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term. Redline of Glossary term: Secures energy and ~~transmission~~ Transmission ~~service~~ Service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.
31	Planning Authority	The responsible entity that coordinates and integrates transmission facility and service plans, resource plans, and protection systems.	the responsible entity that coordinates and integrates transmission Facilities and service plans, resource plans, and Protection Systems.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the terms "Facilities" and "Protection Systems" because they are defined terms in the Glossary and their usage in this definition narrative is intended to have the meaning of the defined terms. Redline of Glossary term: The responsible entity that coordinates and integrates transmission ~~facility~~ Facilities and service plans, resource plans, and ~~protection~~ Protection ~~systems~~Systems.
33	Point of Receipt	A location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a Generator delivers its output.	a location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a generator delivers its output.	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to remove the capitalization from the term "Generator" because it is not a defined term in Glossary or the ROP. Also, because the proposed revisions to the Glossary term will result in alignment of the two definition narratives, the SDT is recommending that a double asterisk (**) is added to the ROP definition.

				Redline of Glossary term: A location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a ~~Generator~~ generator delivers its output. Redline of ROP term: a location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a generator delivers its output.**
36	Reactive Power	The portion of electricity that establishes and sustains the electric and magnetic fields of alternating-current equipment. Reactive power must be supplied to most types of magnetic equipment, such as motors and transformers. It also must supply the reactive losses on transmission facilities. Reactive power is provided by generators, synchronous condensers, or electrostatic equipment such as capacitors and directly influences electric system voltage. It is usually expressed in kilovars (kvar) or megavars (Mvar).	the portion of electricity that establishes and sustains the electric and magnetic fields of alternating-current equipment. Reactive Power must be supplied to most types of magnetic equipment, such as motors and transformers. It also must supply the reactive losses on transmission facilities. Reactive Power is provided by generators, synchronous condensers, or electrostatic equipment such as capacitors and directly influences electric system voltage. It is usually expressed in kilovars (kvar) or megavars (Mvar).**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Power" because "Reactive Power" is a defined term and its usage in this definition narrative is intended to have the meaning of the defined term. Redline of Glossary term: The portion of electricity that establishes and sustains the electric and magnetic fields of alternating-current equipment. Reactive ~~power~~ Power must be supplied to most types of magnetic equipment, such as motors and transformers. It also must supply the reactive losses on transmission facilities. Reactive ~~power~~ Power is provided by generators, synchronous condensers, or electrostatic equipment such as capacitors and directly influences electric system voltage. It is usually expressed in kilovars (kvar) or megavars (Mvar).
37	Real Power	The portion of electricity that supplies energy to the load.	the portion of electricity that supplies energy to the Load.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "load" in the Glossary because it is a defined term and its usage in this definition narrative is intended to have the meaning of the defined term. In the definition narrative of Real Power, use of the word load is intended to mean an end-use device or customer. Redline of Glossary definition: The portion of electricity that supplies energy to the ~~load~~Load.

38	Reliability Coordinator	The entity that is the highest level of authority who is responsible for the reliable operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis and real-time operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.	the entity that is the highest level of authority who is responsible for the Reliable Operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis and real-time operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Reliable Operation" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term. Redline of Glossary term: The entity that is the highest level of authority who is responsible for the ~~reliable~~ Reliable ~~operation~~ Operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis and real-time operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.
41	Reliable Operation	Operating the elements of the bulk-power system [Bulk-Power System~~]~~ within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements.	operating the Elements of the Bulk Power System within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or Cascading failures of such system will not occur as a result of a sudden disturbance, including a Cyber Security Incident, or unanticipated failure of system Elements.++	The SDT is recommending changes to capitalization in the ROP definition to align with the Glossary and the Federal Power Act. Specifically, the SDT is proposing to remove capitalization of the terms "Elements," "Bulk Power System" "Cascading," and "Cyber Security incident," in order for the definition to remain consistent with the language in the Federal Power Act. Additionally, for both definitions, the SDT is recommending the addition of an explanatory sentence to clarify why defined terms contained in the definition narrative are not capitalized. Redline of Glossary term: Operating the elements of the bulk-power system [Bulk~~-~~ Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements. (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.) Redline of ROP term: operating the ~~Elements~~ elements of the bulk-power system [Bulk Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or ~~Cascading~~ cascading failures of such system will not occur as a result of a sudden disturbance, including a ~~Cyber Security Incident~~ cybersecurity incident, or unanticipated failure of system ~~Elements~~elements~~.~~++ (In

				order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)
42	Reserve Sharing Group	A group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (e.g., ten minutes). If the transaction is ramped in quicker (e.g., between zero and ten minutes) then, for the purposes of Disturbance Control Performance, the Areas become a Reserve Sharing Group.	a group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (e.g. ten minutes). If the transaction is ramped in quicker, (e.g., between zero and ten minutes), then, for the purposes of disturbance control performance, the areas become a Reserve Sharing Group.**	The SDT is recommending changes to both the Glossary and ROP definitions. Specifically, the SDT is proposing to revise the Glossary definition by removing the capitalization for the terms "Disturbance Control Performance" and "Area" because these are not defined terms. (Note that Disturbance Control Standard and Disturbance are both defined terms). Also, in the ROP definition, the SDT is proposing removal of the unnecessary commas to align with the Glossary definition. Redline of Glossary term: A group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (*e.g.*, ten minutes). If the transaction is ramped in quicker (*e.g.*, between zero and ten minutes) then, for the purposes of ~~Disturbance~~ disturbance ~~Control~~ control ~~Performance~~performance, the ~~Areas~~ areas become a Reserve Sharing Group. Redline of ROP term: a group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (*e.g.*. ten minutes). If the transaction is ramped in quicker~~,~~ (*e.g.*, between zero and ten minutes)~~,~~ then, for the purposes of disturbance control performance, the areas become a Reserve Sharing Group.**
43	Resource Planner	The entity that develops a long-term (generally one year and beyond) plan for the resource adequacy of specific loads (customer demand and energy requirements) within a Planning Authority Area.	the entity that develops a long-term (generally one year and beyond) plan for the resource adequacy of specific loads (customer demand and energy requirements) within a Planning Authority area.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to remove the capitalization from the term "Area" because it is not a defined term in Glossary or the ROP.

				Redline of Glossary term: The entity that develops a long-term (generally one year and beyond) plan for the resource adequacy of specific loads (customer demand and energy requirements) within a Planning Authority ~~Area~~area.
49	Transmission Customer	1. Any eligible customer (or its designated agent) that can or does execute a transmission service agreement or can or does receive transmission service. 2. Any of the following responsible entities: Generator Owner, Load-Serving Entity, or Purchasing-Selling Entity.	1. any eligible customer (or its designated agent) that can or does execute a Transmission Service agreement or can and does receive Transmission Service. 2. Any of the following ~~responsible~~ entities: Generator Owner, Load-Serving Entity, or Purchasing-Selling Entity.**	The SDT is recommending the following changes: (1) Revise the Glossary definition to capitalize the term "Transmission Service" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term. (2) Remove the word "responsible" to align with the ROP definition. The word "responsible" was originally included in the ROP definition, but was recently removed by the Risk-Based Registration project. The Glossary should be updated to reflect these recent changes. Redline of Glossary term: 1. Any eligible customer (or its designated agent) that can or does execute a ~~transmission~~ Transmission ~~service~~ Service agreement or can or does receive ~~transmission~~ Transmission ~~service~~Service. 2. Any of the following ~~responsible~~ entities: Generator Owner, Load-Serving Entity, or Purchasing-Selling Entity.
50	Transmission Operator	The entity responsible for the reliability of its "local" transmission system, and that operates or directs the operations of the transmission facilities.	the entity responsible for the reliability of its "local" transmission system, and that operates or directs the operations of the transmission Facilities.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Facilities" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term. Redline of Glossary term: The entity responsible for the reliability of its "local" transmission system, and that operates or directs the operations of the transmission ~~facilities~~Facilities.
51	Transmission Owner	The entity that owns and maintains transmission facilities.	the entity that owns and maintains transmission Facilities.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Facilities" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term. Redline of Glossary term: The entity that owns and maintains transmission ~~facilities~~Facilities.

52	Transmission Planner	The entity that develops a long-term (generally one year and beyond) plan for the reliability (adequacy) of the interconnected bulk electric transmission systems within its portion of the Planning Authority Area.	the entity that develops a long-term (generally one year and beyond) plan for the reliability (adequacy) of the interconnected bulk electric transmission systems within its portion of the Planning Authority area.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to remove the capitalization from the term "Area" because it is not a defined term in Glossary or the ROP. Redline of Glossary term: The entity that develops a long-term (generally one year and beyond) plan for the reliability (adequacy) of the interconnected bulk electric transmission systems within its portion of the Planning Authority ~~Area~~area.
54	Transmission Service Provider	The entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable transmission service agreements.	the entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable Transmission Service agreements.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Transmission Service" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term. Redline of Glossary term: The entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable ~~transmission~~ Transmission ~~service~~ Service agreements.

Part VI: Group 4 recommendations

There are a total of three (3) Group 4 cross-over terms:

Term 20: Interchange Authority

Term 27: Load

Term 34: Protection System

The SDT is recommending revisions to all of the Group 4 cross-over terms. Below is an overview of the SDT research, assessment, proposed revision(s), and justification for each of the recommendations.

Term 20: Interchange Authority

Glossary (differences indicated in red)	ROP, Appendix 2 (differences indicated in red)	SDT proposed revisions
The responsible entity that authorizes implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communication of Interchange information for reliability assessment purposes.	The responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communications of Interchange information for reliability assessment purposes.**	The SDT is recommending errata changes to both the Glossary and ROP definitions, as follows: (1) For the Glossary, add the word "the" to align with the ROP definition. (2) For the ROP, remove the "s" from "communications" to align with the Glossary definition. Redline of Glossary term: The responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communication of Interchange information for reliability assessment purposes. Redline of ROP term: The responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communication~~s~~ of Interchange information for reliability assessment purposes.**

Term 27: Load

Glossary (differences indicated in red)	ROP, Appendix 2 (differences indicated in red)	SDT proposed revisions
An end-use device or customer that receives power from the electric system.	an end-user device or customer that receives power from the electric system.**	The SDT is recommending an errata change to the ROP definition to align with the Glossary. Specifically, the SDT is proposing to remove the letter "r" from the word "user" in the ROP definition because it was inadvertently included when the definition was added to Appendix 2 of the ROP. On January 26, 2012, NERC filed a petition for approval of various revisions to the ROP, including the addition of new terms to Appendix 2. See, NERC petition. The definition of "Load" was adopted from the Glossary, and marked with a double asterisk (**) to indicate as such. However, the definition included in the NERC petition added the letter "r" to the word "use" which did not (and does not currently) exist in the Glossary definition. For these reasons, the SDT is recommending removal of the "r" from the word "user" in the ROP definition in order to align the Glossary and ROP narratives. Redline of ROP term: an end-use~~r~~ device or customer that receives power from the electric system.**

		Additionally, the SDT notes that during the course of its work on this project, the team reviewed and assessed the quality and correctness of the definition of "Load." The SDT believes the current definition is deficient and could be improved in quality and content. As a result, will draft a SAR proposing to revise the definition in order to address the issues identified by the SDT.

Term 34: Protection System

Glossary (differences indicated in red)	ROP, Appendix 2 (differences indicated in red)	SDT proposed revisions
• Protective relays which respond to electrical quantities, • Communications systems necessary for correct operation of protective functions • Voltage and current sensing devices providing inputs to protective relays, • Station dc supply associated with protective functions (including station batteries, battery chargers, and non-battery-based dc supply), and • Control circuitry associated with protective functions through the trip coil(s) of the circuit breakers or other interrupting device.	protective relays which respond to electrical quantities, communications systems necessary for correct operation of protective functions, voltage and current sensing devices providing inputs to protective relays, station dc supply associated with protective functions (including batteries, battery chargers, and non-battery-based dc supply), and control circuitry associated with protective functions through the trip coil(s) of the circuit breakers or other interrupting devices.**	The SDT is recommending an errata change to the ROP definition to align with the Glossary. Specifically, the SDT is proposing to add the word "station" to qualify the Protection System component batteries because it was inadvertently left out of the ROP definition narrative. In 2013, FERC approved the currently effective Glossary definition, which included the qualifier of "station" to the battery term in the definition narrative. However, when the term was adopted in Appendix 2 of the ROP, the qualifier "station" was not included in the definition narrative. Redline of ROP definition: protective relays which respond to electrical quantities, communications systems necessary for correct operation of protective functions, voltage and current sensing devices providing inputs to protective relays, station dc supply associated with protective functions (including station batteries, battery chargers, and non-battery-based dc supply), and control circuitry associated with protective functions through the trip coil(s) of the circuit breakers or other interrupting devices.**

ATTACHMENT 1
COMPLETE LIST OF CROSS-OVER TERMS

GROUP 1: Content/substance differences

Term 1: Adjacent Balancing Authority
Term 6: Bulk Power System
Term 17: Generator Operator
Term 18: Generator Owner
Term 29: Net Energy for Load or NEL
Term 40: Reliability Standard
Term 44: Sink Balancing Authority
Term 45: Source Balancing Authority
Term 48: System Operating Limit

GROUP 2: Definitions currently in flux

Term 8: Critical Assets
Term 9: Critical Cyber Assets
Term 10: Cyber Assets
Term 11: Cyber Security Incident
Term 25: Interconnection
Term 46: Special Protection System

GROUP 3: Capitalization differences

Term 2: Balancing Authority
Term 3: Balancing Authority Area
Term 4: Blackstart Resource
Term 7: Cascading
Term 13: Distribution Provider
Term 14: Element
Term 16: Flowgate
Term 24: Interconnected Operations Service
Term 28: Load Serving Entity
Term 31: Planning Authority
Term 33: Point of Receipt
Term 36: Reactive Power
Term 37: Real Power
Term 38: Reliability Coordinator
Term 41: Reliable Operation
Term 42: Reserve Sharing Group
Term 43: Resource Planner
Term 49: Transmission Customer
Term 50: Transmission Operator
Term 51: Transmission Owner
Term 52: Transmission Planner
Term 54: Transmission Service Provider

GROUP 4: Miscellaneous/Errata

Term 20: Interchange Authority
Term 27: Load
Term 34: Protection System

#	Term	Glossary (differences indicated in red)	ROP, Appendix 2 (differences indicated in red)	GROUP
1	Adjacent Balancing Authority	A Balancing Authority whose Balancing Authority Area is interconnected with another Balancing Authority Area either directly or via a multi-party agreement or transmission tariff.	a Balancing Authority Area that is interconnected to another Balancing Authority Area either directly or via a multi-party agreement or transmission tariff.**	GROUP 1
2	Balancing Authority	The responsible entity that integrates resource plans ahead of time, maintains load-interchange-generation balance within a Balancing Authority Area, and supports Interconnection frequency in real time.	the responsible entity that integrates resource plans ahead of time, maintains Load-interchange-generation balance within a Balancing Authority Area, and supports Interconnection frequency in real time.**	GROUP 3
3	Balancing Authority Area	The collection of generation, transmission, and loads within the metered boundaries of the Balancing Authority. The Balancing Authority maintains load-resource balance within this area.	the collection of generation, transmission, and Loads within the metered boundaries of the Balancing Authority. The Balancing Authority maintains Load-resource balance within this area.**	GROUP 3
4	Blackstart Resource	A generating unit(s) and its associated set of equipment which has the ability to be started without support from the System or is designed to remain energized without connection to the remainder of the System, with the ability to energize a bus, meeting the Transmission Operator's restoration plan needs for real and reactive power capability, frequency and voltage control, and that has been included in the Transmission Operator's restoration plan.	a generating unit(s) and its associated set of equipment which has the ability to be started without support from the System or is designed to remain energized without connection to the remainder of the System, with the ability to energize a bus, meeting the Transmission Operator's restoration plan needs for Real and Reactive Power capability, frequency and voltage control, and that has been included in the Transmission Operator's restoration plan.**	GROUP 3
5	Bulk Electric System or BES	Unless modified by the lists shown below, all Transmission Elements operated at 100 kV or higher and Real Power and Reactive Power resources connected at 100 kV or higher. This does not include facilities used in the local distribution of electric energy…	unless modified by the lists shown below, all Transmission Elements operated at 100 kV or higher and Real Power and Reactive Power resources connected at 100 kV or higher. This does not include facilities used in the local distribution of electric energy…**	
6	Bulk Power System	Bulk-Power System: A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and (B) electric energy from generation facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy.	"Bulk Power System" means, depending on the context: (i) Facilities and control systems necessary for operating an interconnected electric energy supply and transmission network (or any portion thereof), and electric energy from generating facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy [++]. (ii) Solely for purposes of Appendix 4E, Bulk Electric System.	GROUP 1
7	Cascading	The uncontrolled successive loss of system elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be restrained from sequentially spreading beyond an area predetermined by studies.	the uncontrolled successive loss of System Elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be restrained from sequentially spreading beyond an area predetermined by studies.**	GROUP 3

8	Critical Assets	Inactive beginning 3/31/2016: Facilities, systems, and equipment which, if destroyed, degraded, or otherwise rendered unavailable, would affect the reliability or operability of the Bulk Electric System.	Facilities, systems, and equipment which, if destroyed, degraded, or otherwise rendered unavailable, would affect the reliability or operability of the Bulk Electric System.**	GROUP 2
9	Critical Cyber Assets	Inactive beginning 3/31/2016: Cyber Assets essential to the reliable operation of Critical Assets.	Cyber Assets critical to the reliable operation of Critical Assets.**	GROUP 2
10	Cyber Assets	Inactive beginning 3/31/16: Programmable electronic devices and communication networks including hardware, software, and data. Effective beginning 4/1/2016: Programmable electronic devices, including the hardware, software, and data in those devices.	programmable electronic devices and communication networks including hardware, software, and data.** programmable electronic devices and communication networks including hardware, software, and data.**	GROUP 2
11	Cyber Security Incident	Inactive beginning 3/31/2016: Any malicious act or suspicious event that: • Compromises, or was an attempt to compromise, the Electronic Security Perimeter or Physical Security Perimeter of a Critical Cyber Asset, or, • Disrupts, or was an attempt to disrupt, the operation of a Critical Cyber Asset. Effective beginning 4/1/2016: A malicious act or suspicious event that: • Compromises, or was an attempt to compromise, the Electronic Security Perimeter or Physical Security Perimeter or, • Disrupts, or was an attempt to disrupt, the operation of a BES Cyber System.	"Cyber Security Incident" means any malicious or suspicious event that disrupts, or was an attempt to disrupt, the operation of those programmable electronic devices and communications networks including hardware, software and data that are essential to the Reliable Operation of the Bulk Power System.++	GROUP 2
12	Distribution Factor	The portion of an Interchange Transaction, typically expressed in per unit that flows across a transmission facility (Flowgate).	the portion of an Interchange Transaction, typically expressed in per unit that flows across a transmission facility (Flowgate).**	
13	Distribution Provider	Provides and operates the "wires" between the transmission system and the end-use customer. For those end-use customers who are served at transmission voltages, the Transmission Owner also serves as the Distribution Provider. Thus, the Distribution Provider is not defined by a specific voltage, but rather as performing the Distribution function at any voltage.	the entity that provides and operates the "wires" between the transmission system and the end-use customer. For those end-use customers who are served at transmission voltages, the Transmission Owner also serves as the Distribution Provider. Thus, the Distribution Provider is not defined by a specific voltage, but rather as performing the distribution function at any voltage.**	GROUP 3

14	Element	Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An element may be comprised of one or more components.	any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An Element may be comprised of one or more components.**	GROUP 2
15	Facility	A set of electrical equipment that operates as a single Bulk Electric System Element (e.g., a line, a generator, a shunt compensator, transformer, etc.)	a set of electrical equipment that operates as a single Bulk Electric System Element (e.g., a line, a generator, a shunt compensator, transformer, etc.)**	
16	Flowgate	1.) A portion of the Transmission system through which the Interchange Distribution Calculator calculates the power flow from Interchange Transactions. 2.) A mathematical construct, comprised of one or more monitored transmission Facilities and optionally one or more contingency Facilities, used to analyze the impact of power flows upon the Bulk Electric System.	1.) A portion of the transmission system through which the Interchange Distribution Calculator calculates the power flow from Interchange Transactions. 2.) A mathematical construct, comprised of one or more monitored transmission Facilities and optionally one or more contingency Facilities, used to analyze the impact of power flows upon the Bulk Electric System.**	GROUP 3
17	Generator Operator	The entity that operates generating unit(s) and performs the functions of supplying energy and Interconnected Operations Services.	the entity that operates generating Facility(ies) and performs the functions of supplying energy and Interconnected Operations Services.**	GROUP 1
18	Generator Owner	Entity that owns and maintains generating units.	an entity that owns and maintains generating Facility(ies).**	GROUP 1
19	Interchange	Energy transfers that cross Balancing Authority boundaries.	energy transfers that cross Balancing Authority boundaries.**	
20	Interchange Authority	The responsible entity that authorizes implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communication of Interchange information for reliability assessment purposes.	the responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communications of Interchange information for reliability assessment purposes.**	GROUP 4
21	Interchange Distribution Calculator	The mechanism used by Reliability Coordinators in the Eastern Interconnection to calculate the distribution of Interchange Transactions over specific Flowgates. It includes a database of all Interchange Transactions and a matrix of the Distribution Factors for the Eastern Interconnection.	the mechanism used by Reliability Coordinators in the Eastern Interconnection to calculate the distribution of Interchange Transactions over specific Flowgates. It includes a database of all Interchange Transactions and a matrix of the Distribution Factors for the Eastern Interconnection.**	
22	Interchange Schedule	An agreed-upon Interchange Transaction size (megawatts), start and end time, beginning and ending ramp times and rate, and type required for delivery and receipt of power and energy between the Source and Sink Balancing Authorities involved in the transaction.	an agreed-upon Interchange Transaction size (megawatts), start and end time, beginning and ending ramp times and rate, and type required for delivery and receipt of power and energy between the Source and Sink Balancing Authorities involved in the transaction.**	
23	Interchange Transaction	An agreement to transfer energy from a seller to a buyer that crosses one or more Balancing Authority Area boundaries.	an agreement to transfer energy from a seller to a buyer that crosses one or more Balancing Authority Area boundaries.**	

24	Interconnected Operations Service	A service (exclusive of basic energy and transmission services) that is required to support the reliable operation of interconnected Bulk Electric Systems.	a service (exclusive of basic energy and Transmission Services) that is required to support the Reliable Operation of interconnected Bulk Electric Systems.**	GROUP 3
25	Interconnection	Inactive beginning 6/30/16: When capitalized, any one of the three major electric system networks in North America: Eastern, Western, and ERCOT. Effective beginning 7/1/16: When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.	a geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control.++	GROUP 2
26	Interconnection Reliability Operating Limit	A System Operating Limit that, if violated, could lead to instability, uncontrolled separation, or Cascading outages that adversely impact the reliability of the Bulk Electric System.	a System Operating Limit that, if violated, could lead to instability, uncontrolled separation, or Cascading outages that adversely impact the reliability of the Bulk Electric System.**	
27	Load	An end-use device or customer that receives power from the electric system.	an end-user device or customer that receives power from the electric system.**	GROUP 4
28	Load-Serving Entity	Secures energy and transmission service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.	an entity that secures energy and Transmission Service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.**	GROUP 3
29	Net Energy for Load or NEL	Net Balancing Authority Area generation, plus energy received from other Balancing Authority Areas, less energy delivered to Balancing Authority Areas through interchange. It includes Balancing Authority Area losses but excludes energy required for storage at energy storage facilities.	net generation of an electric system plus energy received from others less energy delivered to others through interchange. It includes system losses but excludes energy required for the storage of energy at energy storage facilities.	GROUP 1
30	Open Access Transmission Tariff	Electronic transmission tariff accepted by the U.S. Federal Energy Regulatory Commission requiring the Transmission Service Provider to furnish to all shippers with non-discriminating service comparable to that provided by Transmission Owners to themselves.	an electronic transmission tariff accepted by the U.S. Federal Energy Regulatory Commission requiring the Transmission Service Provider to furnish to all shippers with non-discriminating service comparable to that provided by Transmission Owners to themselves.**	
31	Planning Authority	The responsible entity that coordinates and integrates transmission facility and service plans, resource plans, and protection systems.	the responsible entity that coordinates and integrates transmission Facilities and service plans, resource plans, and Protection Systems.**	GROUP 3
32	Point of Delivery	A location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction leaves or a Load-Serving Entity receives its energy.	a location that a Transmission Service Provider specifies on its transmission system where an Interchange Transaction leaves or a Load-Serving Entity receives its energy.**	
33	Point of Receipt	A location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a Generator delivers its output.	a location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a generator delivers its output.	GROUP 3

34	Protection System	Protection System – • Protective relays which respond to electrical quantities, • Communications systems necessary for correct operation of protective functions • Voltage and current sensing devices providing inputs to protective relays, • Station dc supply associated with protective functions (including station batteries, battery chargers, and non-battery-based dc supply), and • Control circuitry associated with protective functions through the trip coil(s) of the circuit breakers or other interrupting devices.	protective relays which respond to electrical quantities, communications systems necessary for correct operation of protective functions, voltage and current sensing devices providing inputs to protective relays, station dc supply associated with protective functions (including batteries, battery chargers, and non-battery-based dc supply), and control circuitry associated with protective functions through the trip coil(s) of the circuit breakers or other interrupting devices.**	GROUP 4
35	Purchasing-Selling Entity	The entity that purchases or sells, and takes title to, energy, capacity, and Interconnected Operations Services. Purchasing-Selling Entities may be affiliated or unaffiliated merchants and may or may not own generating facilities.	the entity that purchases, or sells, and takes title to, energy, capacity, and Interconnected Operations Services. Purchasing-Selling Entities may be affiliated or unaffiliated merchants and may or may not own generating facilities.**	
36	Reactive Power	The portion of electricity that establishes and sustains the electric and magnetic fields of alternating-current equipment. Reactive power must be supplied to most types of magnetic equipment, such as motors and transformers. It also must supply the reactive losses on transmission facilities. Reactive power is provided by generators, synchronous condensers, or electrostatic equipment such as capacitors and directly influences electric system voltage. It is usually expressed in kilovars (kvar) or megavars (Mvar).	the portion of electricity that establishes and sustains the electric and magnetic fields of alternating-current equipment. Reactive Power must be supplied to most types of magnetic equipment, such as motors and transformers. It also must supply the reactive losses on transmission facilities. Reactive Power is provided by generators, synchronous condensers, or electrostatic equipment such as capacitors and directly influences electric system voltage. It is usually expressed in kilovars (kvar) or megavars (Mvar).**	GROUP 3
37	Real Power	The portion of electricity that supplies energy to the load.	the portion of electricity that supplies energy to the Load.**	GROUP 3
38	Reliability Coordinator	The entity that is the highest level of authority who is responsible for the reliable operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis and real-time operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.	the entity that is the highest level of authority who is responsible for the Reliable Operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis and real-time operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.**	GROUP 3
39	Reliability Coordinator Area	The collection of generation, transmission, and loads within the boundaries of the Reliability Coordinator. Its boundary coincides with one or more Balancing Authority Areas.	the collection of generation, transmission and loads within the boundaries of the Reliability Coordinator. Its boundary coincides with one or more Balancing Authority Areas.**	

40	Reliability Standard	A requirement, approved by the United States Federal Energy Regulatory Commission under this Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk-Power System]. The term includes requirements for the operation of existing bulk-power system [Bulk-Power System] facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk-Power System], but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity.	a requirement to provide for Reliable Operation of the Bulk Power System, including without limiting the foregoing, requirements for the operation of existing Bulk Power System Facilities, including cyber security protection, and including the design of planned additions or modifications to such Facilities to the extent necessary for Reliable Operation of the Bulk Power System, but the term does not include any requirement to enlarge Bulk Power System Facilities or to construct new transmission capacity or generation capacity. A Reliability Standard shall not be effective in the United States until approved by the Federal Energy Regulatory Commission and shall not be effective in other jurisdictions until made or allowed to become effective by the Applicable Governmental Authority.	GROUP 1
41	Reliable Operation	Operating the elements of the bulk-power system [Bulk-Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements.	operating the Elements of the Bulk Power System within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or Cascading failures of such system will not occur as a result of a sudden disturbance, including a Cyber Security Incident, or unanticipated failure of system Elements.++	GROUP 3
42	Reserve Sharing Group	A group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (e.g., ten minutes). If the transaction is ramped in quicker (e.g., between zero and ten minutes) then, for the purposes of Disturbance Control Performance, the Areas become a Reserve Sharing Group.	a group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (e.g. ten minutes). If the transaction is ramped in quicker, (e.g., between zero and ten minutes), then, for the purposes of disturbance control performance, the areas become a Reserve Sharing Group.**	GROUP 3
43	Resource Planner	The entity that develops a long-term (generally one year and beyond) plan for the resource adequacy of specific loads (customer demand and energy requirements) within a Planning Authority Area.	the entity that develops a long-term (generally one year and beyond) plan for the resource adequacy of specific loads (customer demand and energy requirements) within a Planning Authority area.**	GROUP 3
44	Sink Balancing Authority	The Balancing Authority in which the load (sink) is located for an Interchange Transaction and any resulting Interchange Schedule.	the Balancing Authority in which the Load (sink) is located for an Interchange Transaction.**	GROUP 1
45	Source Balancing Authority	The Balancing Authority in which the generation (source) is located for an Interchange Transaction and for any resulting Interchange Schedule.	the Balancing Authority in which the generation (source) is located for an Interchange Transaction.**	GROUP 1
46	Special Protection System	An automatic protection system designed to detect abnormal or predetermined system conditions, and	an automatic protection system designed to detect abnormal or predetermined system conditions, and	GROUP 2

		take corrective actions other than and/or in addition to the isolation of faulted components to maintain system reliability. Such action may include changes in demand, generation (MW and Mvar), or system configuration to maintain system stability, acceptable voltage, or power flows. An SPS does not include (a) underfrequency or undervoltage load shedding or (b) fault conditions that must be isolated or (c) out-of-step relaying (not designed as an integral part of an SPS). Also called Remedial Action Scheme.	take corrective actions other than and/or in addition to the isolation of faulted components to maintain system reliability. Such action may include changes in demand, generation (MW and Mvar), or system configuration to maintain system stability, acceptable voltage, or power flows. A Special Protection System does not include (a) underfrequency or undervoltage Load shedding or (b) fault conditions that must be isolated, or (c) out-of-step relaying (not designed as an integral part of a Special Protection System).**	
47	System	A combination of generation, transmission, and distribution components.	a combination of generation, transmission and distribution components.**	
48	System Operating Limit	The value (such as MW, MVar, Amperes, Frequency or Volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to: • Facility Ratings (Applicable pre- and post-Contingency equipment or facility ratings) • Transient Stability Ratings (Applicable pre- and post-Contingency Stability Limits) • Voltage Stability Ratings (Applicable pre- and post-Contingency Voltage Stability) • System Voltage Limits (Applicable pre- and post-Contingency Voltage Limits)	the value (such as MW, Mvar, amperes, frequency or volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria.**	GROUP 1
49	Transmission Customer	1. Any eligible customer (or its designated agent) that can or does execute a transmission service agreement or can or does receive transmission service. 2. Any of the following responsible entities: Generator Owner, Load-Serving Entity, or Purchasing-Selling Entity.	1. any eligible customer (or its designated agent) that can or does execute a Transmission Service agreement or can and does receive Transmission Service. 2. Any of the following ~~responsible~~ entities: Generator Owner, Load-Serving Entity, or Purchasing-Selling Entity.**	GROUP 3
50	Transmission Operator	The entity responsible for the reliability of its "local" transmission system, and that operates or directs the operations of the transmission facilities.	the entity responsible for the reliability of its "local" transmission system, and that operates or directs the operations of the transmission Facilities.**	GROUP 3
51	Transmission Owner	The entity that owns and maintains transmission facilities.	the entity that owns and maintains transmission Facilities.**	GROUP 3
52	Transmission Planner	The entity that develops a long-term (generally one year and beyond) plan for the reliability (adequacy) of the interconnected bulk electric transmission systems within its portion of the Planning Authority Area.	the entity that develops a long-term (generally one year and beyond) plan for the reliability (adequacy) of the interconnected bulk electric transmission systems within its portion of the Planning Authority area.**	GROUP 3
53	Transmission Service	Services provided to the Transmission Customer by the Transmission Service Provider to move energy from a Point of Receipt to a Point of Delivery.	services provided to the Transmission Customer by the Transmission Service Provider to move energy from a Point of Receipt to a Point of Delivery.**	

54	Transmission Service Provider	The entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable transmission service agreements.	the entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable Transmission Service agreements.**	GROUP 3
55	Wide Area	The entire Reliability Coordinator Area as well as the critical flow and status information from adjacent Reliability Coordinator Areas as determined by detailed system studies to allow the calculation of Interconnected Reliability Operating Limits.	the entire Reliability Coordinator Area as well as the critical flow and status information from adjacent Reliability Coordinator Areas as determined by detailed system studies to allow the calculation of Interconnected Reliability Operating Limits.**	

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ATTACHMENT 2
COMPLETE LIST OF CROSS-OVER TERMS WITH PROPOSED REVISIONS

GROUP 1: Content/substance differences

Term 1: Adjacent Balancing Authority
Term 6: Bulk Power System
Term 17: Generator Operator
Term 18: Generator Owner
Term 29: Net Energy for Load or NEL
Term 40: Reliability Standard
Term 44: Sink Balancing Authority
Term 45: Source Balancing Authority
Term 48: System Operating Limit

GROUP 2: Definitions currently in flux

Term 8: Critical Assets
Term 9: Critical Cyber Assets
Term 10: Cyber Assets
Term 11: Cyber Security Incident
Term 25: Interconnection
Term 46: Special Protection System

GROUP 3: Capitalization differences

Term 2: Balancing Authority
Term 3: Balancing Authority Area
Term 4: Blackstart Resource
Term 7: Cascading
Term 13: Distribution Provider
Term 14: Element
Term 16: Flowgate
Term 24: Interconnected Operations Service
Term 28: Load Serving Entity
Term 31: Planning Authority
Term 33: Point of Receipt
Term 36: Reactive Power
Term 37: Real Power
Term 38: Reliability Coordinator
Term 41: Reliable Operation
Term 42: Reserve Sharing Group
Term 43: Resource Planner
Term 49: Transmission Customer
Term 50: Transmission Operator
Term 51: Transmission Owner
Term 52: Transmission Planner
Term 54: Transmission Service Provider

GROUP 4: Miscellaneous/Errata

Term 20: Interchange Authority
Term 27: Load
Term 34: Protection System

#	Cross-Over Term	Glossary (differences indicated in red)	ROP, Appendix 2 (differences indicated in red)	SDT Proposed Revisions
1	Adjacent Balancing Authority	A Balancing Authority whose Balancing Authority Area is interconnected with another Balancing Authority Area either directly or via a multi-party agreement or transmission tariff.	a Balancing Authority Area that is interconnected to another Balancing Authority Area either directly or via a multi-party agreement or transmission tariff.**	The SDT is proposing to revise the ROP definition to align with the Glossary. Redline of ROP definition: a Balancing Authority ~~Area~~ whose Balancing Authority Area ~~that~~ is interconnected with ~~to~~ another Balancing Authority Area either directly or via a multi-party agreement or transmission tariff.**
2	Balancing Authority	The responsible entity that integrates resource plans ahead of time, maintains load-interchange-generation balance within a Balancing Authority Area, and supports Interconnection frequency in real time.	the responsible entity that integrates resource plans ahead of time, maintains Load-interchange-generation balance within a Balancing Authority Area, and supports Interconnection frequency in real time.**	The SDT is recommending changes to the ROP definition to align with the Glossary. Specifically, the ROP definition uses the defined term for "Load" whereas the Glossary does not. Due to the manner in which the term "Load" is used in the definition, it is not proper to use the defined term. This is because the current ROP definition of Load is, "an end-user device or customer that receives power from the electric system." In the definition narrative of Balancing Authority, use of the word load is not intended to mean an end-user device or customer. Instead, as used in the definition narrative, the term load is actually referring to the ability to maintain demand, or sufficient levels of generation to meet demand. Essentially, it is addressing a measure of energy available to meet the current demand. Additionally, during the course of its work on this project, the SDT reviewed and assessed the quality and correctness of the definition of "Balancing Authority." The SDT believes the current definition is unclear and could be improved by a few minor changes. Specifically, use or application of the term "load-interchange-generation" contained in the definition narrative is unclear. As a result, will draft a SAR proposing to revise the definition of Balancing Authority in order to address this issue. Redline of ROP definition: the responsible entity that integrates resource plans ahead of time, maintains ~~Load~~load-interchange-generation balance within a Balancing Authority Area, and supports Interconnection frequency in real time.**

3	Balancing Authority Area	The collection of generation, transmission, and loads within the metered boundaries of the Balancing Authority. The Balancing Authority maintains load-resource balance within this area.	the collection of generation, transmission, and Loads within the metered boundaries of the Balancing Authority. The Balancing Authority maintains Load-resource balance within this area.**	The SDT is recommending changes to the ROP definition to align with the Glossary. Specifically, the ROP definition uses the defined term for "Load" whereas the Glossary does not. Due to the manner in which the term "Load" is used in the definition, it is not proper to use the defined term. This is because the current ROP definition of Load is, "an end-user device or customer that receives power from the electric system." In the definition narrative of Balancing Authority Area, use of the word load is not intended to mean an end-user device or customer. Instead, as used in the definition narrative, the term load is actually referring to the ability to maintain demand, or sufficient levels of generation to meet demand. Essentially, it is addressing a measure of energy available to meet the current demand. Redline of ROP definition: the collection of generation, transmission, and ~~Loads~~ loads within the metered boundaries of the Balancing Authority. The Balancing Authority maintains ~~Load~~load-resource balance within this area.**
4	Blackstart Resource	A generating unit(s) and its associated set of equipment which has the ability to be started without support from the System or is designed to remain energized without connection to the remainder of the System, with the ability to energize a bus, meeting the Transmission Operator's restoration plan needs for real and reactive power capability, frequency and voltage control, and that has been included in the Transmission Operator's restoration plan.	a generating unit(s) and its associated set of equipment which has the ability to be started without support from the System or is designed to remain energized without connection to the remainder of the System, with the ability to energize a bus, meeting the Transmission Operator's restoration plan needs for Real and Reactive Power capability, frequency and voltage control, and that has been included in the Transmission Operator's restoration plan.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the terms "Real Power" and "Reactive Power" because they are defined terms in the Glossary and their usage in this definition narrative is intended to have the meaning of the defined terms. Redline of Glossary term: A generating unit(s) and its associated set of equipment which has the ability to be started without support from the System or is designed to remain energized without connection to the remainder of the System, with the ability to energize a bus, meeting the Transmission Operator's restoration plan needs for ~~real~~ Real and ~~reactive~~ Reactive ~~power~~ Power capability, frequency and voltage control, and that has been included in the Transmission Operator's restoration plan.
5	Bulk Electric System or BES	Unless modified by the lists shown below, all Transmission Elements operated at 100 kV or higher and Real Power and Reactive Power resources connected at 100 kV or higher. This	unless modified by the lists shown below, all Transmission Elements operated at 100 kV or higher and Real Power and Reactive Power resources connected at 100 kV or higher. This	Definitions are aligned.

		does not include facilities used in the local distribution of electric energy…	does not include facilities used in the local distribution of electric energy…**	
6	Bulk Power System	Bulk-Power System: A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and (B) electric energy from generation facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy.	"Bulk Power System" means, depending on the context: (i) Facilities and control systems necessary for operating an interconnected electric energy supply and transmission network (or any portion thereof), and electric energy from generating facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy [++]. (ii) Solely for purposes of Appendix 4E, Bulk Electric System.	The SDT is proposing to revise both definitions as follows: Redline of Glossary definition: Bulk~~-~~ Power System: (A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and (B) electric energy from generation facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy. (In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1], defined terms contained in this narrative are not capitalized.) Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning. Redline of ROP, Appendix 2 definition: Bulk Power System" means, depending on the context: (i) (A) ~~Facilities~~ facilities and control systems necessary for operating an interconnected electric energy ~~supply and~~ transmission network (or any portion thereof);~~,~~ and (B) electric energy from generation~~g~~ facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy [++]. (In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1], defined terms contained in this narrative are not capitalized.) ~~-~~Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning. (ii) Solely for purposes of Appendix 4E, Bulk Electric System.
7	Cascading	The uncontrolled successive loss of system elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be	the uncontrolled successive loss of System Elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be	The SDT is recommending changes to the Glossary definition to align with the ROP. ~~-~~Specifically, the SDT is proposing to capitalize the terms "System" and "Elements" because they are defined terms in the

		restrained from sequentially spreading beyond an area predetermined by studies.	restrained from sequentially spreading beyond an area predetermined by studies.**	Glossary and their usage in this definition narrative is intended to have the meaning of the defined terms. Redline of Glossary term: The uncontrolled successive loss of ~~system~~ System ~~elements~~ Elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be restrained from sequentially spreading beyond an area predetermined by studies.
8	Critical Assets	Inactive beginning 3/31/2016: Facilities, systems, and equipment which, if destroyed, degraded, or otherwise rendered unavailable, would affect the reliability or operability of the Bulk Electric System.	Facilities, systems, and equipment which, if destroyed, degraded, or otherwise rendered unavailable, would affect the reliability or operability of the Bulk Electric System.**	The SDT is not proposing revisions to the cross-over terms at this time. This is because the changes that would be necessary to align the terms would necessitate a large number of other changes that are outside the scope of the SAR for this project. The SDT will submit a SAR to address the alignment of terms for all CIP-related definitions. The proposed SAR will include alignment of the defined terms to incorporate the changes to the ROP definitions made through the Version 5 revisions, and also any revisions necessary to provisions of the ROP as a result of proposed changes to the ROP defined terms contained in Appendix 2. The SAR will propose that members of the Project 2008-06 SDT are involved with the revisions to the ROP.
9	Critical Cyber Assets	Inactive beginning 3/31/2016: Cyber Assets essential to the reliable operation of Critical Assets.	Cyber Assets critical to the reliable operation of Critical Assets.**	The SDT is not proposing revisions to the cross-over terms at this time. This is because the changes that would be necessary to align the terms would necessitate a large number of other changes that are outside the scope of the SAR for this project. The SDT will submit a SAR to address the alignment of terms for all CIP-related definitions. The proposed SAR will include alignment of the defined terms to incorporate the changes to the ROP definitions made through the Version 5 revisions, and also any revisions necessary to provisions of the ROP as a result of proposed changes to the ROP defined terms contained in Appendix 2. The SAR will propose that members of the Project 2008-06 SDT are involved with the revisions to the ROP.

10	Cyber Assets	Inactive beginning 3/31/16: Programmable electronic devices and communication networks including hardware, software, and data. Effective beginning 4/1/2016: Programmable electronic devices, including the hardware, software, and data in those devices.	programmable electronic devices and communication networks including hardware, software, and data.** programmable electronic devices and communication networks including hardware, software, and data.**	The SDT is not proposing revisions to the cross-over terms at this time. This is because the changes that would be necessary to align the terms would necessitate a large number of other changes that are outside the scope of the SAR for this project. The SDT will submit a SAR to address the alignment of terms for all CIP-related definitions. The proposed SAR will include alignment of the defined terms to incorporate the changes to the ROP definitions made through the Version 5 revisions, and also any revisions necessary to provisions of the ROP as a result of proposed changes to the ROP defined terms contained in Appendix 2. The SAR will propose that members of the Project 2008-06 SDT are involved with the revisions to the ROP.
11	Cyber Security Incident	Inactive beginning 3/31/2016: Any malicious act or suspicious event that: • Compromises, or was an attempt to compromise, the Electronic Security Perimeter or Physical Security Perimeter of a Critical Cyber Asset, or, • Disrupts, or was an attempt to disrupt, the operation of a Critical Cyber Asset. Effective beginning 4/1/2016: A malicious act or suspicious event that: • Compromises, or was an attempt to compromise, the Electronic Security Perimeter or Physical Security Perimeter or, • Disrupts, or was an attempt to disrupt, the operation of a BES Cyber System.	"Cyber Security Incident" means any malicious or suspicious event that disrupts, or was an attempt to disrupt, the operation of those programmable electronic devices and communications networks including hardware, software and data that are essential to the Reliable Operation of the Bulk Power System.++	The SDT is not proposing revisions to the cross-over terms at this time. This is because the changes that would be necessary to align the terms would necessitate a large number of other changes that are outside the scope of the SAR for this project. The SDT will submit a SAR to address the alignment of terms for all CIP-related definitions. The proposed SAR will include alignment of the defined terms to incorporate the changes to the ROP definitions made through the Version 5 revisions, and also any revisions necessary to provisions of the ROP as a result of proposed changes to the ROP defined terms contained in Appendix 2. The SAR will propose that members of the Project 2008-06 SDT are involved with the revisions to the ROP.
12	Distribution Factor	The portion of an Interchange Transaction, typically expressed in per unit that flows across a transmission facility (Flowgate).	the portion of an Interchange Transaction, typically expressed in per unit that flows across a transmission facility (Flowgate).**	Definitions are aligned.

13	Distribution Provider	Provides and operates the "wires" between the transmission system and the end-use customer. For those end-use customers who are served at transmission voltages, the Transmission Owner also serves as the Distribution Provider. Thus, the Distribution Provider is not defined by a specific voltage, but rather as performing the Distribution function at any voltage.	the entity that provides and operates the "wires" between the transmission system and the end-use customer. For those end-use customers who are served at transmission voltages, the Transmission Owner also serves as the Distribution Provider. Thus, the Distribution Provider is not defined by a specific voltage, but rather as performing the distribution function at any voltage.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to remove the capitalization from the term "Distribution" because it is not a defined term in Glossary (or the ROP). Redline of Glossary term: Provides and operates the "wires" between the transmission system and the end-use customer. For those end-use customers who are served at transmission voltages, the Transmission Owner also serves as the Distribution Provider. Thus, the Distribution Provider is not defined by a specific voltage, but rather as performing the ~~Distribution~~ distribution function at any voltage.
14	Element	Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An element may be comprised of one or more components.	any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An Element may be comprised of one or more components.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Element" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term. Redline of Glossary term: Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An ~~element~~ Element may be comprised of one or more components.
15	Facility	A set of electrical equipment that operates as a single Bulk Electric System Element (e.g., a line, a generator, a shunt compensator, transformer, etc.)	a set of electrical equipment that operates as a single Bulk Electric System Element (e.g., a line, a generator, a shunt compensator, transformer, etc.)**	Definitions are aligned.
16	Flowgate	1.) A portion of the Transmission system through which the Interchange Distribution Calculator calculates the power flow from Interchange Transactions. 2.) A mathematical construct, comprised of one or more monitored transmission Facilities and optionally one or more contingency Facilities,	1.) A portion of the transmission system through which the Interchange Distribution Calculator calculates the power flow from Interchange Transactions. 2.) A mathematical construct, comprised of one or more monitored transmission Facilities and optionally one or more contingency Facilities,	The SDT is recommending the following changes: (1) Revise the ROP definition to capitalize the word "Transmission." (2) Add the definition of "Transmission" to the ROP. The term is used (and capitalized) in other ROP definition narratives (see, for example, definition of Bulk Electric System). It is appropriate to capitalize it in this particular narrative because

		used to analyze the impact of power flows upon the Bulk Electric System.	used to analyze the impact of power flows upon the Bulk Electric System.**	its usage in this definition narrative is intended to have the meaning of the defined term. Additionally, as part of the work for this project, the SDT will develop a set of recommendations regarding improvements to the current ROP and Glossary resources. One of the recommendations will be to conduct a comprehensive review of both the ROP and Glossary to identify all instances where a defined term is used, but it is not capitalized (to indicate applicability or use of the definition). The SDT will recommend that for each occurrence of the term, an assessment is conducted to determine whether the term is intended to have the defined meaning; and in the event it is, then the appropriate revisions should be made. Redline of ROP term: 1.) A portion of the ~~transmission~~ Transmission system through which the Interchange Distribution Calculator calculates the power flow from Interchange Transactions. 2.) A mathematical construct, comprised of one or more monitored transmission Facilities and optionally one or more contingency Facilities, used to analyze the impact of power flows upon the Bulk Electric System.** Add new defined term ("Transmission") to the ROP: "Transmission" means an interconnected group of lines and associated equipment for the movement or transfer of electric energy between points of supply and points at which it is transformed for delivery to customers or is delivered to other electric systems.**
17	Generator Operator	The entity that operates generating unit(s) and performs the functions of supplying energy and Interconnected Operations Services.	the entity that operates generating Facility(ies) and performs the functions of supplying energy and Interconnected Operations Services.**	The SDT is proposing to revise the Glossary definition to align with the ROP. Redline of Glossary definition: The entity that operates generating Facility(ies) ~~unit(s)~~ and performs the functions of supplying energy and Interconnected Operations Services.

				Additionally, the SDT notes that during the course of its work on this project, the team reviewed and assessed the quality of the definition of "Facility." The SDT believes the clarity and content of the current definition could be improved. As a result, the SDT will draft a SAR proposing to revise the definition in order to address the issues identified by the SDT.
18	Generator Owner	Entity that owns and maintains generating units.	an entity that owns and maintains generating Facility(ies).**	The SDT is proposing to revise the Glossary definition to align with the ROP. Redline of Glossary definition: Entity that owns and maintains generating Facility(ies)~~units~~. Additionally, the SDT notes that during the course of its work on this project, the team reviewed and assessed the quality of the definition of "Facility." The SDT believes the clarity and content of the current definition could be improved. As a result, the SDT will draft a SAR proposing to revise the definition in order to address the issues identified by the SDT.
19	Interchange	Energy transfers that cross Balancing Authority boundaries.	energy transfers that cross Balancing Authority boundaries.**	Definitions are aligned.
20	Interchange Authority	The responsible entity that authorizes implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communication of Interchange information for reliability assessment purposes.	the responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communications of Interchange information for reliability assessment purposes.**	The SDT is recommending errata changes to both the Glossary and ROP definitions, as follows: (1) For the Glossary, add the word "the" to align with the ROP definition. (2) For the ROP, remove the "s" from "communications" to align with the Glossary definition. Redline of Glossary term: The responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communication of Interchange information for reliability assessment purposes.

				Redline of ROP term: The responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communications of Interchange information for reliability assessment purposes.**
21	Interchange Distribution Calculator	The mechanism used by Reliability Coordinators in the Eastern Interconnection to calculate the distribution of Interchange Transactions over specific Flowgates. It includes a database of all Interchange Transactions and a matrix of the Distribution Factors for the Eastern Interconnection.	the mechanism used by Reliability Coordinators in the Eastern Interconnection to calculate the distribution of Interchange Transactions over specific Flowgates. It includes a database of all Interchange Transactions and a matrix of the Distribution Factors for the Eastern Interconnection.**	Definitions are aligned.
22	Interchange Schedule	An agreed-upon Interchange Transaction size (megawatts), start and end time, beginning and ending ramp times and rate, and type required for delivery and receipt of power and energy between the Source and Sink Balancing Authorities involved in the transaction.	an agreed-upon Interchange Transaction size (megawatts), start and end time, beginning and ending ramp times and rate, and type required for delivery and receipt of power and energy between the Source and Sink Balancing Authorities involved in the transaction.**	Definitions are aligned.
23	Interchange Transaction	An agreement to transfer energy from a seller to a buyer that crosses one or more Balancing Authority Area boundaries.	an agreement to transfer energy from a seller to a buyer that crosses one or more Balancing Authority Area boundaries.**	Definitions are aligned.
24	Interconnected Operations Service	A service (exclusive of basic energy and transmission services) that is required to support the reliable operation of interconnected Bulk Electric Systems.	a service (exclusive of basic energy and Transmission Services) that is required to support the Reliable Operation of interconnected Bulk Electric Systems.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the terms "Transmission Services" and "Reliable Operation" because they are defined terms in the Glossary and their usage in this definition narrative is intended to have the meaning of the defined terms. Redline of Glossary term: A service (exclusive of basic energy and ~~transmission~~ Transmission ~~services~~Services) that is required to support the ~~reliable~~ Reliable ~~operation~~ Operation of interconnected Bulk Electric Systems.

25	Interconnection	Inactive beginning 6/30/16: When capitalized, any one of the three major electric system networks in North America: Eastern, Western, and ERCOT. Effective beginning 7/1/16: When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.	a geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control.++	The SDT is proposing to revise both the Glossary and ROP definitions (effective no earlier than 07/01/16), as follows: Redline of Glossary definition: A geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control. When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec. Redline of ROP definition: a geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control.++ When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.**
26	Interconnection Reliability Operating Limit	A System Operating Limit that, if violated, could lead to instability, uncontrolled separation, or Cascading outages that adversely impact the reliability of the Bulk Electric System.	a System Operating Limit that, if violated, could lead to instability, uncontrolled separation, or Cascading outages that adversely impact the reliability of the Bulk Electric System.**	Definitions are aligned.
27	Load	An end-use device or customer that receives power from the electric system.	an end-user device or customer that receives power from the electric system.**	The SDT is recommending an errata change to the ROP definition to align with the Glossary. Specifically, the SDT is proposing to remove the letter "r" from the word "user" in the ROP definition because it was inadvertently included when the definition was added to Appendix 2 of the ROP. On January 26, 2012, NERC filed a petition for approval of various revisions to the ROP, including the addition of new terms to Appendix 2. (*See*, NERC petition). The definition of "Load" was adopted from the Glossary, and marked with a double asterisk (**) to indicate as such. However, the definition included in the NERC petition added the letter "r" to the word "use" which did not (and does not currently) exist in the Glossary definition. For these reasons, the SDT is recommending

				removal of the "r" from the word "user" in the ROP definition in order to align the Glossary and ROP narratives. Redline of ROP term: an end-use~~r~~ device or customer that receives power from the electric system.** Additionally, the SDT notes that during the course of its work on this project, the team reviewed and assessed the quality and correctness of the definition of "Load." The SDT believes the current definition is deficient and could be improved in quality and content. As a result, will draft a SAR proposing to revise the definition in order to address the issues identified by the SDT.
28	Load-Serving Entity	Secures energy and transmission service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.	an entity that secures energy and Transmission Service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Transmission Service" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term. Redline of Glossary term: Secures energy and ~~transmission~~ Transmission ~~service~~ Service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.
29	Net Energy for Load or NEL	Net Balancing Authority Area generation, plus energy received from other Balancing Authority Areas, less energy delivered to Balancing Authority Areas through interchange. It includes Balancing Authority Area losses but excludes energy required for storage at energy storage facilities.	net generation of an electric system plus energy received from others less energy delivered to others through interchange. It includes system losses but excludes energy required for the storage of energy at energy storage facilities.	No changes to either ROP or Glossary. The SDT recommends the terms remain unaligned. The differences in the definition narratives are appropriate given the differing uses of the term within the Glossary and ROP.

30	Open Access Transmission Tariff	Electronic transmission tariff accepted by the U.S. Federal Energy Regulatory Commission requiring the Transmission Service Provider to furnish to all shippers with non-discriminating service comparable to that provided by Transmission Owners to themselves.	an electronic transmission tariff accepted by the U.S. Federal Energy Regulatory Commission requiring the Transmission Service Provider to furnish to all shippers with non-discriminating service comparable to that provided by Transmission Owners to themselves.**	Definitions are aligned.
31	Planning Authority	The responsible entity that coordinates and integrates transmission facility and service plans, resource plans, and protection systems.	the responsible entity that coordinates and integrates transmission Facilities and service plans, resource plans, and Protection Systems.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the terms "Facilities" and "Protection Systems" because they are defined terms in the Glossary and their usage in this definition narrative is intended to have the meaning of the defined terms. Redline of Glossary term: The responsible entity that coordinates and integrates transmission ~~facility~~ Facilities and service plans, resource plans, and ~~protection~~ Protection ~~systems~~Systems.
32	Point of Delivery	A location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction leaves or a Load-Serving Entity receives its energy.	a location that a Transmission Service Provider specifies on its transmission system where an Interchange Transaction leaves or a Load-Serving Entity receives its energy.**	Definitions are aligned.
33	Point of Receipt	A location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a Generator delivers its output.	a location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a generator delivers its output.	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to remove the capitalization from the term "Generator" because it is not a defined term in Glossary or the ROP. Also, because the proposed revisions to the Glossary term will result in alignment of the two definition narratives, the SDT is recommending that a double asterisk (**) is added to the ROP definition. Redline of Glossary term: A location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a ~~Generator~~ generator delivers its output.

				Redline of ROP term: a location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a generator delivers its output.**
34	Protection System	Protection System – • Protective relays which respond to electrical quantities, • Communications systems necessary for correct operation of protective functions • Voltage and current sensing devices providing inputs to protective relays, • Station dc supply associated with protective functions (including station batteries, battery chargers, and non-battery-based dc supply), and • Control circuitry associated with protective functions through the trip coil(s) of the circuit breakers or other interrupting devices.	protective relays which respond to electrical quantities, communications systems necessary for correct operation of protective functions, voltage and current sensing devices providing inputs to protective relays, station dc supply associated with protective functions (including batteries, battery chargers, and non-battery-based dc supply), and control circuitry associated with protective functions through the trip coil(s) of the circuit breakers or other interrupting devices.**	The SDT is recommending an errata change to the ROP definition to align with the Glossary. Specifically, the SDT is proposing to add the word "station" to qualify the Protection System component batteries because it was inadvertently left out of the ROP definition narrative. In 2013, FERC approved the currently effective Glossary definition, which included the qualifier of "station" to the battery term in the definition narrative. However, when the term was adopted in Appendix 2 of the ROP, the qualifier "station" was not included in the definition narrative. Redline of ROP definition: protective relays which respond to electrical quantities, communications systems necessary for correct operation of protective functions, voltage and current sensing devices providing inputs to protective relays, station dc supply associated with protective functions (including station batteries, battery chargers, and non-battery-based dc supply), and control circuitry associated with protective functions through the trip coil(s) of the circuit breakers or other interrupting devices.**
35	Purchasing-Selling Entity	The entity that purchases or sells, and takes title to, energy, capacity, and Interconnected Operations Services. Purchasing-Selling Entities may be affiliated or unaffiliated merchants and may or may not own generating facilities.	the entity that purchases, or sells, and takes title to, energy, capacity, and Interconnected Operations Services. Purchasing-Selling Entities may be affiliated or unaffiliated merchants and may or may not own generating facilities.**	Definitions are aligned.
36	Reactive Power	The portion of electricity that establishes and sustains the electric and magnetic fields of alternating-current equipment. Reactive power must be supplied to most types of magnetic equipment, such as motors and transformers. It	the portion of electricity that establishes and sustains the electric and magnetic fields of alternating-current equipment. Reactive Power must be supplied to most types of magnetic equipment, such as motors and transformers. It	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Power" because "Reactive Power" is a defined term and its usage in this definition narrative is intended to have the meaning of the defined term.

		also must supply the reactive losses on transmission facilities. Reactive power is provided by generators, synchronous condensers, or electrostatic equipment such as capacitors and directly influences electric system voltage. It is usually expressed in kilovars (kvar) or megavars (Mvar).	also must supply the reactive losses on transmission facilities. Reactive Power is provided by generators, synchronous condensers, or electrostatic equipment such as capacitors and directly influences electric system voltage. It is usually expressed in kilovars (kvar) or megavars (Mvar).**	Redline of Glossary term: The portion of electricity that establishes and sustains the electric and magnetic fields of alternating-current equipment. Reactive ~~power~~ Power must be supplied to most types of magnetic equipment, such as motors and transformers. It also must supply the reactive losses on transmission facilities. Reactive ~~power~~ Power is provided by generators, synchronous condensers, or electrostatic equipment such as capacitors and directly influences electric system voltage. It is usually expressed in kilovars (kvar) or megavars (Mvar).
37	Real Power	The portion of electricity that supplies energy to the load.	the portion of electricity that supplies energy to the Load.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "load" in the Glossary because it is a defined term and its usage in this definition narrative is intended to have the meaning of the defined term. In the definition narrative of Real Power, use of the word load is intended to mean an end-use device or customer. Redline of Glossary definition: The portion of electricity that supplies energy to the ~~load~~Load.
38	Reliability Coordinator	The entity that is the highest level of authority who is responsible for the reliable operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis and real-time operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.	the entity that is the highest level of authority who is responsible for the Reliable Operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis and real-time operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Reliable Operation" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term. Redline of Glossary term: The entity that is the highest level of authority who is responsible for the ~~reliable~~ Reliable ~~operation~~ Operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis and real-time operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of

				transmission systems beyond any Transmission Operator's vision.
39	Reliability Coordinator Area	The collection of generation, transmission, and loads within the boundaries of the Reliability Coordinator. Its boundary coincides with one or more Balancing Authority Areas.	the collection of generation, transmission and loads within the boundaries of the Reliability Coordinator. Its boundary coincides with one or more Balancing Authority Areas.**	Definitions are aligned.
40	Reliability Standard	A requirement, approved by the United States Federal Energy Regulatory Commission under this Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk-Power System]. The term includes requirements for the operation of existing bulk-power system [Bulk-Power System] facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk-Power System], but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity.	a requirement to provide for Reliable Operation of the Bulk Power System, including without limiting the foregoing, requirements for the operation of existing Bulk Power System Facilities, including cyber security protection, and including the design of planned additions or modifications to such Facilities to the extent necessary for Reliable Operation of the Bulk Power System, but the term does not include any requirement to enlarge Bulk Power System Facilities or to construct new transmission capacity or generation capacity. A Reliability Standard shall not be effective in the United States until approved by the Federal Energy Regulatory Commission and shall not be effective in other jurisdictions until made or allowed to become effective by the Applicable Governmental Authority.	The SDT is proposing revisions to both the Glossary and ROP definitions, as follows: Redline of Glossary definition: A requirement, approved by the United States Federal Energy Regulatory Commission under ~~this~~ Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk-Power System]. The term includes requirements for the operation of existing bulk-power system [Bulk~~-~~ Power System] facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk~~-~~ Power System], but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity. (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.) Redline of ROP definition: a requirement, approved by the United States Federal Energy Regulatory Commission under Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk Power System]~~., including without limiting the foregoing,~~ The term includes requirements for the operation of existing bulk-power system [Bulk Power System] ~~Facilities~~facilities, including cyber security protection, and ~~including~~ the design of planned additions or

				modifications to such ~~Facilities~~ facilities to the extent necessary for reliable operation [Reliable Operation] of the bulk-power system [Bulk Power System], but the term does not include any requirement to enlarge ~~Bulk Power System~~ such ~~Facilities~~ facilities or to construct new transmission capacity or generation capacity.++ (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.) In certain contexts, this term may also refer to a "Reliability Standard" that is in the process of being developed, or not yet approved or recognized by FERC or an applicable governmental authority in other jurisdictions. ~~A Reliability Standard shall not be effective in the United States until approved by the Federal Energy Regulatory Commission and shall not be effective in other jurisdictions until made or allowed to become effective by the Applicable Governmental Authority.~~
41	Reliable Operation	Operating the elements of the bulk-power system [Bulk-Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements.	operating the Elements of the Bulk Power System within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or Cascading failures of such system will not occur as a result of a sudden disturbance, including a Cyber Security Incident, or unanticipated failure of system Elements.++	The SDT is recommending changes to capitalization in the ROP definition to align with the Glossary and the Federal Power Act. Specifically, the SDT is proposing to remove capitalization of the terms "Elements," "Bulk Power System" "Cascading," and "Cyber Security incident," in order for the definition to remain consistent with the language in the Federal Power Act. Additionally, for both definitions, the SDT is recommending the addition of an explanatory sentence to clarify why defined terms contained in the definition narrative are not capitalized. Redline of Glossary term: Operating the elements of the bulk-power system [Bulk~~-~~ Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements. (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)

				Redline of ROP term: operating the ~~Elements~~ elements of the bulk-power system [Bulk Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or ~~Cascading~~ cascading failures of such system will not occur as a result of a sudden disturbance, including a ~~Cyber Security Incident~~ cybersecurity incident, or unanticipated failure of system ~~Elements~~elements.++ (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)
42	Reserve Sharing Group	A group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (e.g., ten minutes). If the transaction is ramped in quicker (e.g., between zero and ten minutes) then, for the purposes of Disturbance Control Performance, the Areas become a Reserve Sharing Group.	a group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (e.g. ten minutes). If the transaction is ramped in quicker, (e.g., between zero and ten minutes), then, for the purposes of disturbance control performance, the areas become a Reserve Sharing Group.**	The SDT is recommending changes to both the Glossary and ROP definitions. Specifically, the SDT is proposing to revise the Glossary definition by removing the capitalization for the terms "Disturbance Control Performance" and "Area" because these are not defined terms. (Note that Disturbance Control Standard and Disturbance are both defined terms). Also, in the ROP definition, the SDT is proposing removal of the unnecessary commas to align with the Glossary definition. Redline of Glossary term: A group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (*e.g.*, ten minutes). If the transaction is ramped in quicker (*e.g.*, between zero and ten minutes) then, for the purposes of ~~Disturbance~~ disturbance ~~Control~~ control ~~Performance~~performance, the ~~Areas~~ areas become a Reserve Sharing Group. Redline of ROP term: a group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply

				operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (*e.g.*, ten minutes). If the transaction is ramped in quicker~~,~~ (*e.g.*, between zero and ten minutes)~~,~~ then, for the purposes of disturbance control performance, the areas become a Reserve Sharing Group.**
43	Resource Planner	The entity that develops a long-term (generally one year and beyond) plan for the resource adequacy of specific loads (customer demand and energy requirements) within a Planning Authority Area.	the entity that develops a long-term (generally one year and beyond) plan for the resource adequacy of specific loads (customer demand and energy requirements) within a Planning Authority area.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to remove the capitalization from the term "Area" because it is not a defined term in Glossary or the ROP. Redline of Glossary term: The entity that develops a long-term (generally one year and beyond) plan for the resource adequacy of specific loads (customer demand and energy requirements) within a Planning Authority ~~Area~~area.
44	Sink Balancing Authority	The Balancing Authority in which the load (sink) is located for an Interchange Transaction and any resulting Interchange Schedule.	the Balancing Authority in which the Load (sink) is located for an Interchange Transaction.**	The SDT is proposing to revise the ROP definition to align with the Glossary definition. Redline of ROP definition: the Balancing Authority in which the ~~Load~~ load (sink) is located for an Interchange Transaction and any resulting Interchange Schedule.**
45	Source Balancing Authority	The Balancing Authority in which the generation (source) is located for an Interchange Transaction and for any resulting Interchange Schedule.	the Balancing Authority in which the generation (source) is located for an Interchange Transaction.**	The SDT is proposing to revise the ROP definition to align with the Glossary definition. Redline of ROP definition: the Balancing Authority in which the generation (source) is located for an Interchange Transaction and for any resulting Interchange Schedule.**

46	Special Protection System	An automatic protection system designed to detect abnormal or predetermined system conditions, and take corrective actions other than and/or in addition to the isolation of faulted components to maintain system reliability. Such action may include changes in demand, generation (MW and Mvar), or system configuration to maintain system stability, acceptable voltage, or power flows. An SPS does not include (a) underfrequency or undervoltage load shedding or (b) fault conditions that must be isolated or (c) out-of-step relaying (not designed as an integral part of an SPS). Also called Remedial Action Scheme.	an automatic protection system designed to detect abnormal or predetermined system conditions, and take corrective actions other than and/or in addition to the isolation of faulted components to maintain system reliability. Such action may include changes in demand, generation (MW and Mvar), or system configuration to maintain system stability, acceptable voltage, or power flows. A Special Protection System does not include (a) underfrequency or undervoltage Load shedding or (b) fault conditions that must be isolated, or (c) out-of-step relaying (not designed as an integral part of a Special Protection System).**	The SDT is not proposing any alignment revisions at this time. This is because the Project 2010-5.3 drafting team work is still underway and the team may propose changes to this definition. Once the Project 2010-5.3 team finalizes its work, then it will be appropriate to make any necessary alignment changes to the definition of Special Protection System.
47	System	A combination of generation, transmission, and distribution components.	a combination of generation, transmission and distribution components.**	Definitions are aligned.
48	System Operating Limit	The value (such as MW, MVar, Amperes, Frequency or Volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to: • Facility Ratings (Applicable pre- and post-Contingency equipment or facility ratings) • Transient Stability Ratings (Applicable pre- and post-Contingency Stability Limits) • Voltage Stability Ratings (Applicable pre- and post-Contingency Voltage Stability) • System Voltage Limits (Applicable pre- and post-Contingency Voltage Limits)	the value (such as MW, Mvar, amperes, frequency or volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria.**	The SDT is proposing to revise both the Glossary and ROP, as follows: Redline of Glossary definition: The value (such as MW, MVar, ~~A~~amperes, ~~Frequency~~ frequency or ~~Volts~~volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to: • Facility Ratings (~~Applicable~~ applicable pre- and post-Contingency ~~equipment~~ Equipment Ratings or ~~facility~~ Facility ~~ratings~~Ratings) • ~~Transient~~ transient ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Stability~~ stability ~~Limits~~limits) • ~~Voltage~~ voltage ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Stability~~stability)

				• ~~System~~ system ~~Voltage~~ voltage ~~Limits~~ limits (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Limits~~limits) Redline of ROP definition: the value (such as MW, Mvar, amperes, frequency or volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to: • facility ratings (applicable pre- and post-contingency equipment ratings or facility ratings) • transient stability ratings (applicable pre- and post-contingency stability limits) • voltage stability ratings (applicable pre- and post-contingency voltage stability) • system voltage limits (applicable pre- and post-contingency voltage limits)**
49	Transmission Customer	1. Any eligible customer (or its designated agent) that can or does execute a transmission service agreement or can or does receive transmission service. 2. Any of the following responsible entities: Generator Owner, Load-Serving Entity, or Purchasing-Selling Entity.	1. any eligible customer (or its designated agent) that can or does execute a Transmission Service agreement or can and does receive Transmission Service. 2. Any of the following ~~responsible~~ entities: Generator Owner, Load-Serving Entity, or Purchasing-Selling Entity.**	The SDT is recommending the following changes: (1) Revise the Glossary definition to capitalize the term "Transmission Service" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term. (2) Remove the word "responsible" to align with the ROP definition. The word "responsible" was originally included in the ROP definition, but was recently removed by the Risk-Based Registration project. The Glossary should be updated to reflect these recent changes. Redline of Glossary term: 1. Any eligible customer (or its designated agent) that can or does execute a ~~transmission~~ Transmission ~~service~~ Service agreement or can or does receive ~~transmission~~ Transmission ~~service~~Service. 2. Any of the following ~~responsible~~ entities: Generator Owner, Load-Serving Entity, or Purchasing-Selling Entity.

50	Transmission Operator	The entity responsible for the reliability of its "local" transmission system, and that operates or directs the operations of the transmission facilities.	the entity responsible for the reliability of its "local" transmission system, and that operates or directs the operations of the transmission Facilities.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Facilities" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term. Redline of Glossary term: The entity responsible for the reliability of its "local" transmission system, and that operates or directs the operations of the transmission ~~facilities~~Facilities.
51	Transmission Owner	The entity that owns and maintains transmission facilities.	the entity that owns and maintains transmission Facilities.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Facilities" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term. Redline of Glossary term: The entity that owns and maintains transmission ~~facilities~~Facilities.
52	Transmission Planner	The entity that develops a long-term (generally one year and beyond) plan for the reliability (adequacy) of the interconnected bulk electric transmission systems within its portion of the Planning Authority Area.	the entity that develops a long-term (generally one year and beyond) plan for the reliability (adequacy) of the interconnected bulk electric transmission systems within its portion of the Planning Authority area.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to remove the capitalization from the term "Area" because it is not a defined term in Glossary or the ROP. Redline of Glossary term: The entity that develops a long-term (generally one year and beyond) plan for the reliability (adequacy) of the interconnected bulk electric transmission systems within its portion of the Planning Authority ~~Area~~area.
53	Transmission Service	Services provided to the Transmission Customer by the Transmission Service Provider to move energy from a Point of Receipt to a Point of Delivery.	services provided to the Transmission Customer by the Transmission Service Provider to move energy from a Point of Receipt to a Point of Delivery.**	Definitions are aligned.

54	Transmission Service Provider	The entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable transmission service agreements.	the entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable Transmission Service agreements.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Transmission Service" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term. Redline of Glossary term: The entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable ~~transmission~~ Transmission ~~service~~ Service agreements.
55	Wide Area	The entire Reliability Coordinator Area as well as the critical flow and status information from adjacent Reliability Coordinator Areas as determined by detailed system studies to allow the calculation of Interconnected Reliability Operating Limits.	the entire Reliability Coordinator Area as well as the critical flow and status information from adjacent Reliability Coordinator Areas as determined by detailed system studies to allow the calculation of Interconnected Reliability Operating Limits.**	Definitions are aligned.

Exhibit E

Proposed Errata or Non-Substantive Revisions to Glossary Terms

Proposed Errata or Non-Substantive Revisions to Glossary Terms

Project 2015-04 – Alignment of Terms

Based on the comments received from industry, the drafting team elected to make errata or non-substantive revisions to four (4) of the alignment revisions that were posted for initial ballot. These errata or non-substantive revisions are minor in nature and do not change the meaning or application of any of the defined terms.

Term 6: Bulk-Power System

Existing definition

A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and
(B) electric energy from generation facilities needed to maintain transmission system reliability.
The term does not include facilities used in the local distribution of electric energy.

Proposed alignment revisions (Initial ballot)

(A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and
(B) electric energy from generation facilities needed to maintain transmission system reliability.
The term does not include facilities used in the local distribution of electric energy. (In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1], defined terms contained in this narrative are not capitalized.) Note that the terms “Bulk-Power System” or “Bulk Power System” shall have the same meaning.

Proposed alignment revisions (Redline of initial ballot revisions)

(A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and

(B) electric energy from generation facilities needed to maintain transmission system reliability.

The term does not include facilities used in the local distribution of electric energy. ~~(In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1], defined terms contained in this narrative are not capitalized.)~~ (Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning.)

Proposed alignment revisions (Redline of existing definition)

(A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and

(B) electric energy from generation facilities needed to maintain transmission system reliability.

The term does not include facilities used in the local distribution of electric energy. (Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning.)

Term 40: Reliability Standard

Existing definition

A requirement, approved by the United States Federal Energy Regulatory Commission under this Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk-Power System]. The term includes requirements for the operation of existing bulk-power system [Bulk-Power System] facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk-Power System], but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity.

Proposed alignment revisions (Initial Ballot)

A requirement, approved by the United States Federal Energy Regulatory Commission under ~~this~~ Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk~~-~~ Power System]. The term includes requirements for the operation of existing bulk-power system [Bulk~~-~~ Power System] facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk~~-~~ Power System], but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity. (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)

Proposed alignment revisions (Redline of initial ballot revisions)

A requirement, approved by the United States Federal Energy Regulatory Commission under Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for ~~reliable operation [~~Reliable Operation~~]~~ of the ~~bulk-power system [~~Bulk Power System~~]~~. The term includes requirements for the operation of existing ~~bulk-power system [~~Bulk Power System~~]~~ facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for ~~reliable operation [~~Reliable Operation~~]~~ of the ~~bulk-power system [~~Bulk Power System~~]~~, but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity. ~~(In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)~~

Proposed alignment revisions (Redline of existing definition)

A requirement, approved by the United States Federal Energy Regulatory Commission under ~~this~~ Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for ~~reliable operation [~~Reliable Operation~~]~~ of the ~~bulk-power system [~~Bulk~~-~~ Power System~~]~~. The term includes requirements for the operation of existing ~~bulk-power system [~~Bulk~~-~~ Power System~~]~~ facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for ~~reliable operation [~~Reliable Operation~~]~~ of the ~~bulk-power system [~~Bulk~~-~~ Power System~~]~~, but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity.

Term 41: Reliable Operation (redline)

Existing definition

Operating the elements of the bulk-power system [Bulk-Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements.

Proposed alignment revisions (Initial ballot)

Operating the elements of the bulk-power system [Bulk~~-~~ Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements. (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)

Proposed alignment revisions (Redline of initial ballot revisions)

Operating the elements of the ~~bulk-power system [~~Bulk Power System~~]~~ within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements. ~~(In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)~~

Proposed alignment revisions (Redline of existing definition)

Operating the elements of the ~~bulk-power system [~~Bulk~~-~~ Power System~~]~~ within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements.

Term 48: System Operating Limit (redline)

Existing definition

The value (such as MW, MVar, Amperes, Frequency or Volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to:

- Facility Ratings (Applicable pre- and post-Contingency equipment or facility ratings)
- Transient Stability Ratings (Applicable pre- and post-Contingency Stability Limits)
- Voltage Stability Ratings (Applicable pre- and post-Contingency Voltage Stability)
- System Voltage Limits (Applicable pre- and post-Contingency Voltage Limits)

Proposed alignment revisions (Initial Ballot)

The value (such as MW, MVar, ~~A~~amperes, ~~Frequency~~ frequency or ~~Volts~~volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to:

- Facility Ratings (~~Applicable~~ applicable pre- and post-Contingency ~~equipment~~ Equipment Ratings or ~~facility~~ Facility ~~ratings~~Ratings)
- ~~Transient~~ transient ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Stability~~ stability ~~Limits~~limits)
- ~~Voltage~~ voltage ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Stability~~stability)
- ~~System~~ system ~~Voltage~~ voltage ~~Limits~~ limits (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Limits~~limits)

Proposed alignment revisions (Redline of initial ballot revisions)

The value (such as MW, ~~MVar~~Mvar, amperes, frequency or volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to:

- Facility Ratings (applicable pre- and post-Contingency Equipment Ratings or Facility Ratings)
- transient stability ratings (applicable pre- and post-Contingency stability limits)
- voltage stability ratings (applicable pre- and post-Contingency voltage stability)
- system voltage limits (applicable pre- and post-Contingency voltage limits)

Proposed alignment revisions (Redline of existing definition)

The value (such as MW, ~~MVar~~Mvar, ~~Amperes~~amperes, ~~Frequency~~ frequency or ~~Volts~~volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to:

- Facility Ratings (~~Applicable~~ applicable pre- and post-Contingency ~~equipment~~ Equipment Ratings or ~~facility~~ Facility ~~ratings~~Ratings)
- ~~Transient~~ transient ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Stability~~ stability ~~Limits~~limits)
- ~~Voltage~~ voltage ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Stability~~stability)
- ~~System~~ system ~~Voltage~~ voltage ~~Limits~~ limits (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Limits~~limits)

Exhibit F

Summary of Development and Complete Record of Development

Summary of Development History

Summary of Development History

The development record for Project 2015-04 Alignment of Terms is summarized below.

I. Overview of the Standard Drafting Team

When evaluating a proposed Reliability Standard, the Commission is expected to give "due weight" to the technical expertise of the ERO.[1] The technical expertise of the ERO is derived, in part, from the standard drafting team. For this project, the standard drafting team consisted of industry experts, all with a diverse set of experiences. A roster of the standard drafting team members is included in Exhibit G.

II. Standard Development History

A. Standard Authorization Request Development

A Standard Authorization Request ("SAR") was submitted to the Standards Committee ("SC") on March 11, 2015 and accepted by the SC June 10, 2015.

B. First Posting-Comment Period and Ballot

Twenty-six revised Glossary definitions developed through Project 2015-04 Alignment of Terms were posted for a 45-day public comment period from June 12, 2015 through July 27, 2015, with an initial ballot conducted from July 17, 2015 through July 27, 2015. Several documents were posted for guidance with the first drafts, including the Unofficial Glossary Comment Form, the Summary of Proposed Revisions to Align Cross-Over Terms, the proposed Glossary revisions, and the proposed Appendix revisions. The proposed revised definitions received the following quorums and approvals:

[1] Section 215(d) (2) of the Federal Power Act; 16 U.S.C. §824(d) (2) (2006).

Term	Quorum	Approval
Term 4: Blackstart Resource	90.75%	91.46%
Term 6: Bulk Power System	91.49%	88.57%
Term 7: Cascading	91.43%	86.68%
Term 13: Distribution Provider	91.34%	97.06%
Term 14: Element	91.43%	97.10%
Term 17: Generator Operator	91.49%	81.06%
Term 18: Generator Owner	91.49%	80.73%
Term 20: Interchange Authority	91.67%	96.38%
Term 24: Interconnected Operations Service	91.30%	97.03%
Term 25: Interconnection	91.73%	69.80%
Term 28: Load-Serving Entity	91.43%	95.38%
Term 31: Planning Authority	91.34%	93.62%
Term 33: Point of Receipt	91.40%	96.83%
Term 36: Reactive Power	91.40%	97.00%
Term 37: Real Power	91.40%	98.55%
Term 38: Reliability Coordinator	91.67%	87.37%
Term 40: Reliability Standard	91.76%	89.99%
Term 41: Reliable Operation	91.07%	84.38%
Term 42: Reserve Sharing Group	91.67%	88.06%
Term 43: Resource Planner	91.34%	90.37%
Term 48: System Operating Limit	91.73%	97.75%
Term 49: Transmission Customer	91.34%	91.28%

Term	Quorum	Approval
Term 50: Transmission Operator	91.34%	87.71%
Term 51: Transmission Owner	91.34%	89.44%
Term 52: Transmission Planner	91.34%	87.15%
Term 54: Transmission Service Provider	91.34%	98.24%

The consideration of comments document is available at http://www.nerc.com/pa/Stand/Project201504AlignmentofGlossaryofTermsNERCRSRPDL/Consideration%20of%20Comments_090415.pdf.

C. Final Ballot

The proposed revised terms developed through this project were posted for a 10-day final ballot period from September 4, 2015 through September 14, 2015. The proposed revised definitions received the following quorums and approvals:

Term	Quorum	Approval
Term 4: Blackstart Resource	97.15%	93.13%
Term 6: Bulk Power System	97.87%	92.89%
Term 7: Cascading	97.86%	91.33%
Term 13: Distribution Provider	97.83%	98.07%
Term 14: Element	97.86%	98.07%
Term 17: Generator Operator	97.87%	84.78%
Term 18: Generator Owner	97.87%	84.75%
Term 20: Interchange Authority	97.46%	98.30%
Term 24: Interconnected Operations Service	97.46%	98.06%

Term	Quorum	Approval
Term 25: Interconnection	98.20%	75.63%
Term 28: Load-Serving Entity	97.14%	95.46%
Term 31: Planning Authority	97.47%	94.48%
Term 33: Point of Receipt	97.49%	98.31%
Term 36: Reactive Power	97.49%	97.11%
Term 37: Real Power	97.49%	98.57%
Term 38: Reliability Coordinator	97.46%	90.80%
Term 40: Reliability Standard	97.49%	95.60%
Term 41: Reliable Operation	97.14%	90.46%
Term 42: Reserve Sharing Group	97.46%	92.07%
Term 43: Resource Planner	97.83%	92.49%
Term 48: System Operating Limit	98.20%	97.81%
Term 49: Transmission Customer	97.83%	92.84%
Term 50: Transmission Operator	97.83%	91.09%
Term 51: Transmission Owner	97.83%	91.32%
Term 52: Transmission Planner	97.83%	90.80%
Term 54: Transmission Service Provider	97.83%	98.29%

D. Board of Trustees Approval

The revised definitions of 26 Glossary terms developed through Project 2015-04 Alignment of Terms were approved by NERC Board of Trustees on November 5, 2015.

Complete Record of Development

Project 2015-04 Alignment of Terms

Related Files

Status
Final ballots for each of the proposed Glossary terms concluded **8 p.m. Eastern, Monday, September 14, 2015**. Voting results can be accessed via the links below. The Glossary terms will be submitted to the Board of Trustees for adoption and then filed with the appropriate regulatory authorities.

Background

As outlined in the SAR, the purpose of this project is to align the defined terms found in the NERC Glossary of Terms Used in Reliability Standards (Glossary) and the Rules of Procedure (ROP). In completing this work, the SDT identified all existing defined terms that are contained in both the Glossary and the ROP ("cross-over terms"). Currently there are fifty-five (55) cross-over terms, a complete list of which can be found in Attachment 1 to the "Proposed Revisions to Align Cross-Over Terms" document. Of the fifty-five (55) cross-over terms, forty (40) contain inconsistencies or differences in the definition narratives, which causes industry confusion and may lead to inconsistent interpretation or application of the meaning of a term. Consistency between the defined terms in the Glossary and the ROP will enhance reliability by providing the owners, users and operators of the BES, as well as the ERO Enterprise, with a better understanding of the terminology used in the Glossary and the ROP. To achieve this consistency, the SDT is proposing alignment revisions to twenty-six (26) Glossary terms and sixteen (16) ROP terms. Additionally, once the definition revisions are made, the standards drafting team (SDT) will also develop recommendations regarding how to enhance the current definition development processes in the Standards Process Manual and ROP to prevent misalignment or inconsistencies during future development of defined terms.

From the complete list of cross-over terms, the drafting team identified those cross-over terms that contained definitional differences. After analyzing these definitional differences, the standard drafting team (SDT) identified common alignment issues and categorized the terms into different "groups" based upon the type of alignment issue identified. A summary of the groupings can be found in Part II of the "Proposed Revisions to Align Cross-Over Terms" document.

The SDT undertook substantial background research before determining whether alignment revisions were appropriate for each of the cross-over terms under consideration, including an examination of the history of the term's definition, previous drafting teams' intent, relevant NERC filings to FERC, and any FERC orders approving the term's definition. Additionally, the SDT examined how each term is used in the Glossary, Reliability Standards, and ROP provisions. Based on this thorough examination, the SDT determined whether revisions were appropriate. In some instances, the SDT concluded that alignment revisions were not appropriate due to differing application of the terms in the Glossary and/or ROP. Also, for a number of terms, the SDT identified areas where the definition language could be improved, given industry usage. For such terms, the SDT will develop a Standards Authorization Request (SAR) outlining the identified issues, and the team's proposal for how to address each issue. Of the fifty-five (55) cross-over terms, forty (40) contain inconsistencies or differences in the definition narratives. To achieve consistency and alignment of these cross-over terms, the SDT is proposing revisions to twenty-six (26) Glossary terms and sixteen (16) ROP terms.

Draft	Actions	Dates	Results	Consideration of Comments
Alignment of Terms Implementation Plan for Glossary Terms **(43)** **Supporting Materials** Proposed Revisions to Glossary Definitions **(44)** Summary of Four (4) Non-Substantive Revisions to Glossary Terms (compare document identifying revisions to definitions posted for initial ballot) **(45)**	Final Ballots Info **(46)** Vote	09/04/15 - 09/14/15	Term 4: Blackstart Resource **(47)** Term 6: Bulk Power System **(48)** Term 7: Cascading **(49)** Term 13: Distribution Provider **(50)** Term 14: Element **(51)**	

			Term 17: Generator Operator **(52)** Term 18: Generator Owner **(53)** Term 20: Interchange Authority **(54)** Term 24: Interconnected Operations Service **(55)** Term 25: Interconnection **(56)** Term 28: Load-Serving Entity **(57)** Term 31: Planning Authority **(58)** Term 33: Point of Receipt **(59)** Term 36: Reactive Power **(60)** Term 37: Real Power **(61)** Term 38: Reliability Coordinator **(62)** Term 40: Reliability Standard **(63)** Term 41: Reliable Operation **(64)**	

			Term 42: Reserve Sharing Group **(65)** Term 43: Resource Planner **(66)** Term 48: System Operating Limit **(67)** Term 49: Transmission Customer **(68)** Term 50: Transmission Operator **(69)** Term 51: Transmission Owner **(70)** Term 52: Transmission Planner **(71)** Term 54: Transmission Service Provider **(72)**	

Alignment of Terms Implementation Plan for Glossary Terms **(8)** **Supporting Materials** Unofficial Glossary Comment Form (Word) **(9)** Summary of Proposed Revisions to Align Cross-Over Terms **(10)** Proposed Glossary revisions (compare document) **(11)** Proposed Appendix 2 revisions (compare document) **(12)** Link to submit comment for proposed revisions to Appendix 2 of the Rules of Procedure	Initial Ballots Info **(13)** Vote	07/17/15 - 07/27/15	Term 4: Blackstart Resource **(15)** Term 6: Bulk Power System **(16)** Term 7: Cascading **(17)** Term 13: Distribution Provider **(18)** Term 14: Element **(19)** Term 17: Generator Operator **(20)** Term 18: Generator Owner **(21)** Term 20: Interchange Authority **(22)** Term 24: Interconnected Operations Service **(23)** Term 25: Interconnection **(24)** Term 28: Load-Serving Entity **(25)** Term 31: Planning Authority **(26)** Term 33: Point of Receipt **(27)** Term 36: Reactive Power **(28)**	Consideration of Comments **(42)**

			Term 37: Real Power **(29)** Term 38: Reliability Coordinator **(30)** Term 40: Reliability Standard **(31)** Term 41: Reliable Operation **(32)** Term 42: Reserve Sharing Group **(33)** Term 43: Resource Planner **(34)** Term 48: System Operating Limit **(35)** Term 49: Transmission Customer **(36)** Term 50: Transmission Operator **(37)** Term 51: Transmission Owner **(38)** Term 52: Transmission Planner **(39)** Term 54: Transmission Service Provider **(40)**	

	Comment Period Info **(14)** Submit Comments	06/12/15 - 07/27/15	Comments Received **(41)**	
	Join Ballot Pools	06/12/15 - 07/13/15		
SAR **(3)** **Supporting Materials** Unofficial Comment Form (Word) **(4)**	Comment Period Info **(5)** Submit Comments Please note that the survey in the SBS is incorrectly labeled "2014-05." The proper label is "2015-04" and the correction will be made for future comment and ballot periods.	03/13/15 - 04/13/15	Comments Received **(6)**	Consideration of Comments **(7)**
Nominations for Standard Drafting Team	Nomination Period	01/06/15 - 01/20/15		

Supporting Materials Nomination Form (Word) **(1)**	Info **(2)** Submit Nomination			

NERC
NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION

Unofficial Nomination Form

Nominations Solicited For Four Review and Drafting Teams

Please complete the electronic nomination form as soon as possible, but no later than **January 20, 2015.** This unofficial version is provided to assist nominees in compiling the information necessary to submit the electronic form. If you have any questions, please contact Ryan Stewart.

By submitting a nomination form, you are indicating your willingness and agreement to actively participate in the review or drafting team meetings if appointed by the Standards Committee. If appointed, you are expected to attend most of the face-to-face drafting team meetings as well as participate in all the team meetings held via conference calls. Failure to do so may result in your removal from the review or drafting team.

The time commitment for these projects is expected to be one face-to-face meeting a month (on average two full working days) with conference calls scheduled as needed to meet the agreed upon timeline the review or drafting team sets forth. Review and drafting teams also will have side projects, either individually or by subgroup, to present to the larger team for discussion and review. Lastly, an important component of the review and drafting team efforts is outreach. Members of the teams should be conducting outreach during development prior to posting to ensure all issues can be discussed and resolved.

Nominations are being sought for the following projects. Previous review or drafting team experience is beneficial but not required. A brief description of the desired qualifications and other pertinent information for each project is included below.

- Project 2015-02: Emergency Operations Periodic Review
  - *Expected 2015 August Board of Trustees presentation for adoption*
- Project 2015-03: Periodic Review of System Operating Limits Standards
  - *Expected 2015 November Board of Trustees presentation for adoption*
- Project 2015-04: Alignment of NERC Glossary of Terms and Definitions Used in the Rules of Procedure (Appendix 2 of the Rules of Procedure)
  - *Expected 2015 August Board of Trustees presentation for adoption*
- Project 2007-06.2: System Protection Coordination
  - *Expected 2015 November Board of Trustees presentation for adoption*

Project 2015-02 Emergency Operations Periodic Review

The purpose of this project is to conduct a periodic review of a subset of Emergency Operations (EOP) Standards. The periodic review comprehensively reviews EOP-004, EOP-005, EOP-006, and EOP-008 to evaluate, for example, whether the requirements are clear and unambiguous. The periodic review will

include background information, along with any associated worksheets or reference documents, to guide a comprehensive review that results in a recommendation that the Reliability Standard should be: (1) reaffirmed as is (i.e., no changes needed); (2) revised (which may include revising or retiring one or more requirements); or (3) withdrawn. The four NERC Reliability Standards in this periodic review project concern methodologies for planning for, reporting, and communicating Emergencies.

Standards affected: EOP-004-2, EOP-005-2, EOP-006-2, and EOP-008-1

NERC is seeking a cross section of the industry to participate on the team, but in particular is seeking individuals who have experience and expertise with Emergency Operations program planning, reporting, and communicating across the United States and/or Canada.

Experience with developing standards inside or outside (e.g., IEEE, NAESB, ANSI, etc.) of the NERC process is beneficial, but is not required, and should be highlighted in the information submitted, if applicable.

Individuals who have facilitation skills and experience and/or legal or technical writing backgrounds are also strongly desired. Please include this in the description of qualifications as applicable.

Project 2015-03 Periodic Review of System Operating Limit Standards

The purpose of this project is to conduct a periodic review of a subset of Facilities Design, Connections, and Maintenance (FAC) Standards. The periodic review comprehensively reviews FAC-010, FAC-011, and FAC-014 to evaluate, for example, whether the requirements are clear and unambiguous. The three NERC Reliability Standards in this periodic review project concern methodologies for determining and communicating System Operating Limits. The periodic review will include background information, along with any associated worksheets or reference documents, to guide a comprehensive review that results in a recommendation that the Reliability Standard should be: (1) reaffirmed as is (i.e., no changes needed); (2) revised (which may include revising or retiring one or more requirements); or (3) withdrawn.

Standards affected: FAC-010-2.1, FAC-011-2, and FAC-014-2

NERC is seeking a cross section of the industry to participate on the team, but in particular are seeking individuals who have experience and expertise with System Operating Limits methodologies, Facility Ratings, and Interconnection Reliability Operating Limits and communicating the methodologies across the United States and/or Canada.

Experience with developing standards inside or outside (e.g., IEEE, NAESB, ANSI, etc.) of the NERC process is beneficial, but is not required, and should be highlighted in the information submitted, if applicable.

Individuals who have facilitation skills and experience and/or legal or technical writing backgrounds are also strongly desired. Please include this in the description of qualifications as applicable.

Project 2015-04 Alignment of NERC Glossary of Terms and Definitions Used in the Rules of Procedure (Appendix 2 of the Rules of Procedure)

The purpose of this project is to align the NERC Glossary of Terms (Glossary) and the Definitions Used in the Rules of Procedure (Appendix 2 of the Rules of Procedure). There are many inconsistencies between the defined terms contained in the Glossary and the NERC Rules of Procedure. The drafting team will be responsible for identifying inconsistencies in the defined terms, revising the defined term in order to address the inconsistencies, and posting for comment and ballot the proposed revisions to the defined terms.

The drafting team work and proposed revisions will be undertaken and in accordance with the processes outlined in the NERC Rules of Procedure, Section 1400 ("Amendments to the NERC Rules of Procedure") and the Standard Processes Manual, Section 5 ("Process for Developing a Defined Term").

Standards affected: None (definitions)

NERC is seeking a cross section of the industry to participate on the team, but in particular is seeking individuals who have experience with the technical nature of many of the NERC Reliability Standards across the United States and/or Canada, legal or technical writing backgrounds, and facilitation skills. Please include this in the description of qualifications as applicable.

Project 2007-06.2 System Protection Coordination

The proposed project is phase 2 of Project 2007-06 – System Protection Coordination is revising Reliability Standard PRC-001-1.1 (System Protection Coordination). Phase 1 is under the direction of the System Protection Coordination Standard Drafting Team (SPCSDT) which is proposing to incorporate PRC-001-1.1, Requirements R3 and R4 into a new Reliability Standard, PRC-027-1 (Coordination of Protection System Performance During Faults). Phase 2 will focus on revising PRC-001-1.1, Requirements R1, R2, R5, and R6 in accordance with the revisions occurring due to phase 1.

Standards affected: PRC-001-1.1

NERC is seeking a cross section of the industry to participate, but in particular is seeking industry stakeholders for participation on the standard drafting team (SDT) to revise PRC-001-1.1. The drafting team will identify the objectives required to revise PRC-001-1.1. Industry stakeholders with expertise in the communication of protection system changes in status or issues to other entities in an operating (e.g., BA, GOP, TOP, or RC) or planning role (e.g., PC or TP) and/or the instruction of operating personnel regarding the purpose and limitations of protection systems.

Please provide the following information for the nominee:	
Name:	
Title:	
Organization:	
Address:	
Telephone:	
Email:	

Select the Project(s) for which the nominee is volunteering. Nominees may check multiple projects but NERC will endeavor to place an individual on only one project if at all possible. If checking multiple projects, indicate in the space below first choice, second choice, and so on.

☐ Project 2015-02: Emergency Operations Periodic Review

☐ Project 2015-03: Periodic Review of System Operating Limit Standards

☐ Project 2015-04: Alignment of NERC Glossary of Terms (Definitions section of the Rules of Procedure)

☐ Project 2007-06.2: System Protection Coordination

Please briefly describe the nominee's experience and qualifications to serve on the selected project(s):

If you are currently a member of any NERC SAR or standard drafting team, please list each team here:

☐ Not currently on any active SAR or standard drafting team.

☐ Currently a member of the following SAR or standard drafting team(s):

If you previously worked on any NERC SAR or standard drafting team, please identify the team(s):

☐ No prior NERC SAR or standard drafting team.

☐ Prior experience on the following SAR or standard drafting team(s):

Select each NERC Region in which you have experience relevant to Project 2010-02:		
☐ ERCOT	☐ NPCC	☐ SPP
☐ FRCC	☐ RF	☐ WECC
☐ MRO	☐ SERC	☐ NA – Not Applicable

Select each Industry Segment that you represent:	
☐	1 — Transmission Owners
☐	2 — RTOs, ISOs
☐	3 — Load-serving Entities
☐	4 — Transmission-dependent Utilities
☐	5 — Electric Generators
☐	6 — Electricity Brokers, Aggregators, and Marketers
☐	7 — Large Electricity End Users
☐	8 — Small Electricity End Users
☐	9 — Federal, State, and Provincial Regulatory or other Government Entities
☐	10 — Regional Reliability Organizations and Regional Entities
☐	NA – Not Applicable

Select each Function[1] in which you have current or prior expertise:	
☐ Balancing Authority	☐ Transmission Operator
☐ Compliance Enforcement Authority	☐ Transmission Owner
☐ Distribution Provider	☐ Transmission Planner
☐ Generator Operator	☐ Transmission Service Provider
☐ Generator Owner	☐ Purchasing-selling Entity
☐ Interchange Authority	☐ Reliability Coordinator
☐ Load-serving Entity	☐ Reliability Assurer
☐ Market Operator	☐ Resource Planner
☐ Planning Coordinator	

[1] These functions are defined in the NERC Functional Model, which is available on the NERC web site.

Provide the names and contact information for two references who could attest to your technical qualifications and your ability to work well in a group:			
Name:		Telephone:	
Organization:		Email:	
Name:		Telephone:	
Organization:		Email:	
Provide the names and contact information of your immediate supervisor or a member of your management who can confirm your organization's willingness to support your active participation.			
Name:		Telephone:	
Title:		Email:	

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Standards Announcement

Solicitation for Drafting and Review Team Nominations

Nomination Period Open through January 20, 2015

Now Available

Nominations are being sought for the projects listed below. Previous drafting or review team experience is beneficial but not required. A brief description of the desired qualifications, expected commitment, and other pertinent information for each project is included below, and more detailed information is included on the unofficial Word version of the nomination form.

Project 2015-02 – Emergency Operations Periodic Review

The purpose of this project is to conduct a periodic review of a subset of Emergency Operations (EOP) Standards. The periodic review comprehensively reviews EOP-004, EOP-005, EOP-006, and EOP-008 to evaluate, for example, whether the requirements are clear and unambiguous. The periodic review will include background information, along with any associated worksheets or reference documents, to guide a comprehensive review that results in a recommendation that the Reliability Standard should be: (1) reaffirmed as is (i.e., no changes needed); (2) revised (which may include revising or retiring one or more requirements); or (3) withdrawn. The four NERC Reliability Standards in this periodic review project concern methodologies for planning for, reporting, and communicating Emergencies.

Project 2015-03 – Periodic Review of System Operating Limit Standards

The purpose of this project is to conduct a periodic review of a subset of Facilities Design, Connections, and Maintenance (FAC) Standards. The periodic review comprehensively reviews FAC-010, FAC-011, and FAC-014 to evaluate, for example, whether the requirements are clear and unambiguous. The three NERC Reliability Standards in this periodic review project concern methodologies for determining and communicating System Operating Limits. The periodic review will include background information, along with any associated worksheets or reference documents, to guide a comprehensive review that results in a recommendation that the Reliability Standard should be: (1) reaffirmed as is (i.e., no changes needed); (2) revised (which may include revising or retiring one or more requirements); or (3) withdrawn.

Project 2015-04 – Alignment of NERC Glossary of Terms (Definitions section of the Rules of Procedure)

The purpose of this project is to align the NERC Glossary of Terms (Glossary) and the Definitions Used in the Rules of Procedure (Appendix 2 of the Rules of Procedure). There are many

inconsistencies between the defined terms contained in the Glossary and the NERC Rules of Procedure. The drafting team will be responsible for identifying inconsistencies in the defined terms, revising the defined term in order to address the inconsistencies, and posting for comment and ballot the proposed revisions to the defined terms.

The drafting team work and proposed revisions will be undertaken in accordance with the processes outlined in the NERC Rules of Procedure, Section 1400 ("Amendments to the NERC Rules of Procedure") and the Standard Processes Manual, Section 5 ("Process for Developing a Defined Term").

Project 2007-06.2 – System Protection Coordination

The proposed project is phase 2 of Project 2007-06 – System Protection Coordination is revising Reliability Standard PRC-001-1.1 (System Protection Coordination). Phase 1 is under the direction of the System Protection Coordination Standard Drafting Team (SPCSDT) which is proposing to incorporate PRC-001-1.1, Requirements R3 and R4 into a new Reliability Standard, PRC-027-1 (Coordination of Protection System Performance During Faults). Phase 2 will focus on revising PRC-001-1.1, Requirements R1, R2, R5, and R6 in accordance with the revisions occurring due to phase 1.

Instructions for Submitting Nominations

Please complete and submit the electronic nomination form. Please do not submit multiple forms; one nominee may volunteer for more than one project on a single form by indicating the order of preference within the form. An unofficial version of the nomination form is provided for convenience in compiling the necessary information.

Next Steps

The Standards Committee is expected to begin appointing drafting and review teams for these projects in January 2015. Nominees will be notified shortly after they have been appointed to a drafting or review team.

Standards Development Process

The Standard Processes Manual contains all the procedures governing the standards development process. The success of the NERC standards development process depends on stakeholder participation. We extend our thanks to all those who participate.

For more information or assistance, please contact Ryan Stewart, Manager of Standards Development, or at 404.446.9697.

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Atlanta, GA 30326
404-446-2560 | www.nerc.com

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Standards Authorization Request Form

When completed, please email this form to:
sarcomm@nerc.com

NERC welcomes suggestions to improve the reliability of the bulk power system through improved Reliability Standards. Please use this form to submit your request to propose a new or a revision to a NERC Reliability Standard.

Request to propose a new or revision to Defined Term(s)			
Title of Proposed Standard:	Alignment of terms between the NERC Glossary of Terms and Rules of Procedure		
Date Submitted:	March 11, 2015		
SAR Requester Information			
Name:	Project 2015-04 Alignment of Terms SAR drafting team		
Organization:	N/A		
Telephone:	503-445-1074 (SAR DT chair) 404-446-2581 (NERC staff)	Email:	Alignment_of_Terms@nerc.com
SAR Type (Check as many as applicable)			
☐ New Standard ☒ Revision to Existing Definition(s)		☐ Withdrawal of Existing Standard ☐ Urgent Action	

SAR Information
Industry Need (What is the industry problem this request is trying to solve?):
There are defined terms that appear in both the NERC Glossary of Terms and Rules of Procedure ("cross-over terms") that are inconsistent in substance and form. This causes industry confusion and may lead to inconsistent interpretation or application of the meaning of a term. Consistent definitions will enhance reliability because the owners, users and operators of the BES along with the ERO

SAR Information
Enterprise will have a better understanding of the terminology used in the NERC Reliability Standards and Rules of Procedure.
Purpose or Goal (How does this request propose to address the problem described above?):
The purpose of this project is to align the defined terms found in the NERC Glossary of Terms (Glossary) and Rules of Procedure (ROP); and, provide recommendations to enhance the current process(es) to prevent future misalignment or inconsistencies in NERC defined terms. **Goal 1**: For cross-over terms in the Glossary and ROP, identify differences and inconsistencies in the definition narrative and, where necessary, make revisions to align the terms. Proposed revisions to the Glossary will be undertaken through Section 5.0 of the Standard Processes Manual. Proposed revisions to the definitions included in the ROP will be undertaken through Section 1400 of the NERC ROP. **Goal 2**: Assess the current process(es) in place for development and maintenance of defined terms, and provide recommendations to the Standards Committee (SC) and NERC regarding changes or improvements to the existing definition development process(es) to allow for future development of defined terms that are consistent and aligned.
Identify the Objectives (What specific reliability deliverables are required to achieve the goal?):
Project objectives: 1. **For Goal 1**: For existing cross-over terms that are inconsistent, evaluate whether changes are necessary to align the terms or if the differences are appropriate. This would include, but is not limited to, ensuring the content, substance, capitalization, formatting and other differences are reconciled. If changes are appropriate, propose revisions to the defined term(s) for industry approval. 2. **For Goal 1**: For cross-over definitions that contain inconsistencies or differences and that are currently under revision, board approved, or pending regulatory approval, evaluate whether changes are necessary to align the terms or if the differences are appropriate. If changes are appropriate, propose revisions to the defined term(s) for industry approval. 3. **For Goal 2**: Assess the current process(es) in place for development and maintenance of defined terms, and provide recommendations to the SC and NERC regarding changes or improvements

SAR Information
to the existing definition development process(es) to allow for future development of defined terms that are consistent and aligned.
Brief Description (Provide a paragraph that describes the scope of this standard action.)
The purpose of this project is to align the defined terms found in the Glossary and the ROP; and, provide recommendations to enhance the current process(es) to prevent future misalignment or inconsistencies in NERC defined terms. The project should address the inconsistency issues as a priority, and upon completion, develop recommendations to the Standards Committee (SC) and NERC.
Detailed Description (Provide a description of the proposed project with sufficient details for the standard drafting team to execute the SAR. Also provide a justification for the development or revisions, including an assessment of the reliability and market interface impacts of implementing or not implementing the standard action.)
The purpose of this project is to align the defined terms found in the Glossary and the ROP; and, provide recommendations to enhance the current process(es) to prevent future misalignment or inconsistencies in NERC defined terms. For existing cross-over terms that are inconsistent, make revisions to the defined term(s) to ensure that the two terms are consistent. This would include, but is not limited to, ensuring the content, substance, capitalization, formatting and other differences are reconciled. For example, in the Glossary and ROP, both documents include a definition of “Net Energy for Load” or “NEL.” However, the two definitions are different in that the Glossary specifically references the Balancing Authority functional entity; whereas, the ROP definition does not specify the functional entity, but instead refers only generally to “others.” The project work should include an evaluation of both definitions and proposal of the revisions necessary to align the narrative(s). Additionally, a number of cross-over terms have differences in the capitalization of terms that are included in the narrative of the definition. Since capitalization means a term is defined, this results in inconsistent interpretations of the same defined term. For example, the term “Interconnected Operations Services” is defined in the same manner in both sources; however, the ROP narrative capitalizes the terms “Transmission Services” and “Reliable Operation,” while the Glossary does not. The project work should include an evaluation of both definitions and proposed revisions necessary to align the capitalization differences.

SAR Information
Also, the project work should include consideration of the differences in the cross-over terms that are currently under revision, board approved, or pending regulatory approval. For those differences identified, the project work should include an evaluation of whether changes are necessary to align the terms or if the differences are appropriate. For example, the Risk-Based Registration (RBR) initiative proposed changes to the ROP terms "Generator Owner" and "Generator Operator," however, similar changes were not proposed for those defined terms in the Glossary. The RBR petition is currently pending before FERC; in the event FERC approves the proposed changes, an inconsistency will be introduced between the ROP and Glossary terms.

Reliability Functions	
The Defined Term(s) will Apply to the Following Functions (check each one that applies): Not Applicable.	
☒ Reliability Coordinator	Responsible for the real-time operating reliability of its Reliability Coordinator Area in coordination with its neighboring Reliability Coordinator's wide area view.
☒ Balancing Authority	Integrates resource plans ahead of time, and maintains load-interchange-resource balance within a Balancing Authority Area and supports Interconnection frequency in real time.
☒ Interchange Authority	Ensures communication of interchange transactions for reliability evaluation purposes and coordinates implementation of valid and balanced interchange schedules between Balancing Authority Areas.
☒ Planning Coordinator	Assesses the longer-term reliability of its Planning Coordinator Area.
☒ Resource Planner	Develops a one year plan for the resource adequacy of its specific loads within a Planning Coordinator area.
☒ Transmission Planner	Develops a one year plan for the reliability of the interconnected Bulk Electric System within its portion of the Planning Coordinator area.

Reliability Functions		
☒	Transmission Service Provider	Administers the transmission tariff and provides transmission services under applicable transmission service agreements (e.g., the pro forma tariff).
☒	Transmission Owner	Owns and maintains transmission facilities.
☒	Transmission Operator	Ensures the real-time operating reliability of the transmission assets within a Transmission Operator Area.
☒	Distribution Provider	Delivers electrical energy to the end-use customer.
☒	Generator Owner	Owns and maintains generation facilities.
☒	Generator Operator	Operates generation unit(s) to provide real and reactive power.
☒	Purchasing-Selling Entity	Purchases or sells energy, capacity, and necessary reliability-related services as required.
☒	Market Operator	Interface point for reliability functions with commercial functions.
☒	Load-Serving Entity	Secures energy and transmission service (and reliability-related services) to serve the end-use customer.

Reliability and Market Interface Principles	
Applicable Reliability Principles (Check all that apply).	
☒	1. Interconnected bulk power systems shall be planned and operated in a coordinated manner to perform reliably under normal and abnormal conditions as defined in the NERC Standards.
☐	2. The frequency and voltage of interconnected bulk power systems shall be controlled within defined limits through the balancing of real and reactive power supply and demand.
☒	3. Information necessary for the planning and operation of interconnected bulk power systems shall be made available to those entities responsible for planning and operating the systems reliably.
☐	4. Plans for emergency operation and system restoration of interconnected bulk power systems shall be developed, coordinated, maintained and implemented.
☐	5. Facilities for communication, monitoring and control shall be provided, used and maintained for the reliability of interconnected bulk power systems.
☐	6. Personnel responsible for planning and operating interconnected bulk power systems shall be trained, qualified, and have the responsibility and authority to implement actions.

Reliability and Market Interface Principles	
☐	7. The security of the interconnected bulk power systems shall be assessed, monitored and maintained on a wide area basis.
☐	8. Bulk power systems shall be protected from malicious physical or cyber attacks.

Does the proposed Standard comply with all of the following Market Interface Principles?	Enter (yes/no)
1. A defined term shall not give any market participant an unfair competitive advantage.	Yes
2. A defined term shall neither mandate nor prohibit any specific market structure.	Yes
3. A defined term shall not preclude market solutions to achieving compliance with that standard.	Yes
4. A reliability standard shall not require the public disclosure of commercially sensitive information. All market participants shall have equal opportunity to access commercially non-sensitive information that is required for compliance with reliability standards.	N/A

Related Standards	
Standard No.	Explanation
N/A	

Related SARs	
SAR ID	Explanation
N/A	

Regional Variances	
Region	Explanation
ERCOT	
FRCC	
MRO	

Regional Variances	
NPCC	
RFC	
SERC	
SPP	
WECC	

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Unofficial Comment Form

Project 2015-04 Alignment of Terms
Standards Authorization Request (SAR) 30-day formal comment period

DO NOT use this form for submitting comments. Use the electronic form to submit comments on the SAR. The electronic comment form must be completed by 8:00 p.m. EST on **Monday, April 13, 2015.**

If you have questions please contact Lacey Ourso by email or by telephone at 404-446-2581.

The 2015-04 Alignment of Terms project page may be accessed by clicking here.

Background Information

Project 2015-04 was identified in the 2015-2017 Reliability Standards Development Plan as a new project for 2015. In January 2015, nominations were sought for drafting team members. On February 3, 2015, the Standards Committee (SC) approved the proposed recommendations of NERC for the 10-member drafting team. Thereafter, the drafting team members met on February 19-20, 2015 to develop the SAR. On March 11, the SC authorized posting of the SAR for a 30-day formal comment period. The 30-day comment period is from Friday, March 13 through Monday, April 13 at 8:00 p.m., EST.

As stated in the SAR, the purpose of the project is to align the defined terms found in the NERC Glossary of Terms (Glossary) and Rules of Procedure (ROP); and, to provide recommendations to the SC and NERC regarding changes or improvements to the existing definition development process(es) to allow for future development of defined terms that are consistent and aligned. This project is necessary because currently there are defined terms that appear in both the Glossary and ROP that are inconsistent in substance and form. This causes industry confusion and may lead to inconsistent interpretation or application of the meaning of a term. Consistent definitions will enhance reliability because the owners, users and operators of the BES along with the ERO Enterprise will have a better understanding of the terminology used in the NERC Reliability Standards and ROP.

Questions

1. The SAR provides that the "Industry Need" for the project is as follows:

   "There are defined terms that appear in both the NERC Glossary of Terms and Rules of Procedure ("cross-over terms") that are inconsistent in substance and form. This causes industry confusion and may lead to inconsistent interpretation or application of the meaning of a term. Consistent definitions will enhance reliability because the owners, users and operators of the BES along with the ERO Enterprise will have a better understanding of the terminology used in the NERC Reliability Standards and Rules of Procedure."

   Do you agree with the stated "Industry Need" as outlined in the SAR? If not, please identify what you believe the proper statement of "Industry Need" to be.

   ☐ Yes
   ☐ No

   Comments:

2. The SAR provides that the purpose of the project is,

   "to align the defined terms found in the NERC Glossary of Terms (Glossary) and Rules of Procedure (ROP); and, provide recommendations to enhance the current process(es) to prevent future misalignment or inconsistencies in NERC defined terms."

   Do you agree with the purpose statement for the project? If not, please explain the basis for your disagreement and provide a recommended purpose statement for the project.

   ☐ Yes
   ☐ No

   Comments:

3. The SAR identifies two goals for the project as follows:

   Goal 1: For cross-over terms in the Glossary and ROP, identify differences and inconsistencies in the definition narrative and, where necessary, make revisions to align the terms. Proposed revisions to the Glossary will be undertaken through Section 5.0 of the Standard Processes Manual. Proposed revisions to the definitions included in the ROP will be undertaken through Section 1400 of the NERC ROP.

Goal 2: Assess the current process(es) in place for development and maintenance of defined terms, and provide recommendations to the Standards Committee (SC) and NERC regarding changes or improvements to the existing definition development process(es) to allow for future development of defined terms that are consistent and aligned.

Do you agree with the stated goals for the project? If not, please identify which goal(s) you do not agree with and provide a detailed description of your recommended goals for the project.

☐ Yes
☐ No

Comments:

4. The stated objectives for the project are as follows:
    1. **For Goal 1**: For existing cross-over terms that are inconsistent, evaluate whether changes are necessary to align the terms or if the differences are appropriate. This would include, but is not limited to, ensuring the content, substance, capitalization, formatting and other differences are reconciled. If changes are appropriate, propose revisions to the defined term(s) for industry approval.
    2. **For Goal 1**: For cross-over definitions that contain inconsistencies or differences and that are currently under revision, board approved, or pending regulatory approval, evaluate whether changes are necessary to align the terms or if the differences are appropriate. If changes are appropriate, propose revisions to the defined term(s) for industry approval.
    3. **For Goal 2**: Assess the current process(es) in place for development and maintenance of defined terms, and provide recommendations to the SC and NERC regarding changes or improvements to the existing definition development process(es) to allow for future development of defined terms that are consistent and aligned.

Do you agree with these stated objectives? If you do not agree, please explain the basis for your disagreement and provide a detailed description of your recommended objectives for the project.

☐ Yes
☐ No

Comments:

5. The "Detailed Description" section of the SAR provides a non-exhaustive, illustrative listing of the types of work that will be undertaken by the drafting team. Do you agree with the "Detailed Description" section of the SAR? If you do not agree with the description of the work that will be undertaken by the drafting team, please state the basis for your disagreement and provide a detailed description of what work you believe should be undertaken.

   ☐ Yes
   ☐ No

   Comments:

6. If you have additional comments on this SAR that you have not provided in your above responses, please provide them here:

   ☐ Yes
   ☐ No

   Comments:

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Standards Announcement

2015-04 Alignment of NERC Glossary of Terms and Definitions Used in the Rules of Procedure (Appendix 2 of the Rules of Procedure)

SAR Formal Comment Period Open through April 13, 2015

Commenting for this project is in the Standards Balloting & Commenting System (SBS)

Now Available

A 30-day formal comment period for the Standard Authorization Request (SAR) for **2015-04 Alignment of NERC Glossary of Terms and Definitions** is open through **8 p.m. Eastern on Monday, April 13, 2015.**

Background information for this project can be found on the project page.

SBS Login, Registration, Validation and Permissions

To **comment** in the SBS, you must have a contributor, voter, or proxy role.

Commenting
Use the electronic form to submit comments on the SAR. If you experience any difficulties in using the electronic form, contact Arielle Cunningham. An off-line, unofficial copy of the comment form is posted on the project page.

For information on the **Standards Development Process**, refer to the Standard Processes Manual.

For more information or assistance, contact Standards Developer, Lacey Ourso (via email), or at 404-446-2581.

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Comments Received Report

Survey Details

Name	2015-04 Alignment of Glossary Terms & Definitions SAR
Description	
Start Date	3/13/2015
End Date	4/14/2015

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

Entity Name	Segment(s)	Region	Group Name	Group Member Name	Group Member Organization	Group Member Region	Group Member Segment(s)
ACES Power Marketing	6		ACES Standards Collaborators	Amber Skillern	East Kentucky Power Cooperative	SERC	1,3,5
				Ginger Mercier	Prairie Power, Inc.	SERC	3
				Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
				Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
				Bill Watson	Old Dominion Electric Cooperative	RFC	3,4
				Chip Koloini	Golden Spread Electric Cooperative	SPP	3,5
				Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
				Mohan Sachdeva	Buckeye Power, Inc.	RFC	3,4,5
				Bob Solomon	Hoosier Energy Rural Electric Cooperative, Inc.	RFC	1
Dominion - Dominion Resources, Inc.	6		Dominion NCP	Mike Garton	NERC Compliance Policy	NPCC	5,6
				Randi Heise	NERC Compliance Policy	SERC	1,3,5,6
				Connie Lowe	NERC Compliance Policy	SERC	1,3,5,6
				Louis Slade	NERC Compliance Policy	RFC	5,6
Independent Electricity System Operator	2	NPCC	ISO/RTO Council Standards Review Committee	Charles Yeung	SPP	SPP	2
				Christina Bigelow	ERCOT	TRE	
				Mark Holman	PJM	RFC	
				Greg Campoli	NYISO	NPCC	
				Ali Miremadi	CAISO	WECC	
				Ben Li	IESO	NPCC	
				Kathleen Goodman	ISO-NE	NPCC	

Duke Energy	1,3,5,6	FRCC,SERC,RFC	Mike Lowman on Behalf of Duke Energy	Doug Hils	Duke Energy	RFC	1
				Lee Schuster		FRCC	3
				Dale Goodwine		SERC	5
				Greg Cecil		RFC	6
MRO	1,2,3,4,5,6	MRO	MRO-NERC Standards Review Forum (NSRF)	Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
				Amy Casucelli	Xcel Energy		1,3,5,6
				Chuck Lawrence	American Transmission Company		1
				Chuck Wicklund	Otter Tail Power Company		1,3,5
				Dan Inman	Minnkota Power Cooperative, Inc		1,3,5,6
				Dave Rudolph	Basin Electric Power Cooperative		1,3,5,6
				Kayleigh Wilkerson	Lincoln Electric System		1,3,5,6
				Jodi Jenson	Western Area Power Administration		1,6
				Larry Heckert	Alliant Energy		4
				Mahmood Safi	Omaha Public Utility District		1,3,5,6
				Marie Knox	Midwest ISO Inc.		2
				Mike Brytowski	Great River Energy		1,3,5,6
				Randi Nyholm	Minnesota Power		1,5
				Scott Nickels	Rochester Public Utilities		4
				Terry Harbour	MidAmerican Energy Company		1,3,5,6
				Tom Breene	Wisconsin Public Service Corporation		3,4,5,6
				Tony Eddleman	Nebraska Public Power District		1,3,5
Northeast Power Coordinating Council	10	NPCC	NPCC--RSC--2014-04	Alan Adamson	New York State Reliability Council, LLC	NPCC	10

				David Burke	Orange and Rockland Utilities Inc.		3
				Greg Campoli	New York Independent System Operator		2
				Sylvain Clermont	Hydro-Quebec TransEnergie		1
				Kelly Dash	Consolidated Edison Co. of New York, Inc.		1
				Gerry Dunbar	Northeast Power Coordinating Council		10
				Kathleen Goodman	ISO - New England		2
				Mark Kenny	Northeast Utilities		1
				Helen Lainis	Independent Electricity System Operator		2
				Alan MacNaughton	New Brunswick Power Corporation		9
				Paul Malozewski	Hydro One Networks Inc.		1
				Bruce Metruck	New York Power Authority		6
				Lee Pedowicz	Northeast Power Coordinating Council		10
				Robert Pellegrini	The United Illuminating Company		1
				Si Truc Phan	Hydro-Quebec TransEnergie		1
				David Ramkalawan	Ontario Power Generation, Inc.		5
				Brian Robinson	Utility Services		8
				Wayne Sipperly	New York Power Authority		5

				Ben Wu	Orange and Rockland Utilities Inc.		1
				Peter Yost	Consolidated Edison Co. of New York, Inc.		3
				Michael Jones	National Grid		1
				Brian Shanahan	National Grid		1
				Connie Lowe	Dominion Resources Services, Inc.		5
				Silvia Parada Mitchell	NextEra Energy, LLC		5
Public Service Enterprise Group	1,3,5,6	NPCC,RFC	PSEG	Tim Kucey	PSEG - PSEG Fossil LLC	RFC	5
				Stephen York	PSEG - Energy Resources and Trade LLC		6
				Joseph Smith	PSEG - Public Service Electric and Gas Co.		1
				Jeffrey Mueller	PSEG - Public Service Electric and Gas Co		3
Southern Company - Southern Company Services, Inc.	1,3,5,6	SERC	Southern Company	Robert Schaffeld	Southern Company Services, Inc..	SERC	1
				John Ciza	Southern Company Generation and Energy Marketing		6
				R. Scott Moore	Alabama Power Company		3
				William Shultz	Southern Company Generation		5
Southwest Power Pool, Inc. (RTO)	2	SPP	SPP Standards Review Group	Shannon Mickens	Southwest Power Pool Inc.	SPP	2
				Laura Cox	Westar Energy Inc		1,3,5,6
				Stephanie Johnson	Westar Energy Inc		1,3,5,6
				Bo Jones	Westar Energy Inc		1,3,5,6
				Tiffany Lake	Westar Energy Inc		1,3,5,6

				kevin Giles	Westar Energy Inc		1,3,5,6
				James Nail	City of Independence, Missouri		3,5
				Ellen Watkins	Sunflower Electric Power Corporation		1
				Jason Smith	Southwest Power Pool Inc		2
				Megan Wagner	Westar Energy Inc		1,3,5,6
				Luis Zaragoza	Sunflower Electric Power Corporation		1
				J.Scott Williams	City Utilities of Springfield		1,4

Survey Questions

See the Unofficial Comment Form on the Project Page for additional background information.

If you would like to bypass taking the survey, scroll down to submit.

This will allow you to view Social Survey and agree/disagree with an already posted comment using the "thumbs up/thumbs down" feature.

Submitting a "thumbs up/thumbs down" on another entity's comment enables a negative vote to count in the calculation of consensus.

I want to bypass taking the survey.

I want to bypass taking the survey.

1. The SAR provides that the "Industry Need" for the project is as follows:

"There are defined terms that appear in both the NERC Glossary of Terms and Rules of Procedure ("cross-over terms") that are inconsistent in substance and form. This causes industry confusion and may lead to inconsistent interpretation or application of the meaning of a term. Consistent definitions will enhance reliability because the owners, users and operators of the BES along with the ERO Enterprise will have a better understanding of the terminology used in the NERC Reliability Standards and Rules of Procedure."

Do you agree with the stated "Industry Need" as outlined in the SAR? If not, please identify what you believe the proper statement of "Industry Need" to be.

Yes

No

2.The SAR provides that the purpose of the project is,

"to align the defined terms found in the NERC Glossary of Terms (Glossary) and Rules of Procedure (ROP); and, provide recommendations to enhance the current process(es) to prevent future misalignment or inconsistencies in NERC defined terms."

Do you agree with the purpose statement for the project? If not, please explain the basis for your disagreement and provide a recommended purpose statement for the project.

Yes

No

3. The SAR identifies two goals for the project as follows:

Goal 1: For cross-over terms in the Glossary and ROP, identify differences and inconsistencies in the definition narrative and, where necessary, make revisions to align the terms. Proposed revisions to the Glossary will be undertaken through Section 5.0 of the Standard Processes Manual. Proposed revisions to the definitions included in the ROP will be undertaken through Section 1400 of the NERC ROP.

Goal 2: Assess the current process(es) in place for development and maintenance of defined terms, and provide recommendations to the Standards Committee (SC) and NERC regarding changes or improvements to the existing definition development process(es) to allow for future development of defined terms that are consistent and aligned.

Do you agree with the stated goals for the project? If not, please identify which goal(s) you do not agree with and provide a detailed description of your recommended goals for the project.

Yes

No

4. The stated objectives for the project are as follows:

1. ***For Goal 1: For existing cross-over terms that are inconsistent, evaluate whether changes are necessary to align the terms or if the differences are appropriate. This would include, but is not limited to, ensuring the content, substance, capitalization, formatting and other differences are reconciled. If changes are appropriate, propose revisions to the defined term(s) for industry approval.***

2. ***For Goal 1: For cross-over definitions that contain inconsistencies or differences and that are currently under revision, board approved, or pending regulatory approval, evaluate whether changes are necessary to align the terms or if the differences are appropriate. If changes are appropriate, propose revisions to the defined term(s) for industry approval.***

3. ***For Goal 2: Assess the current process(es) in place for development and maintenance of defined terms, and provide recommendations to the SC and NERC regarding changes or improvements to the existing definition development process(es) to allow for future development of defined terms that are consistent and aligned.***

Do you agree with these stated objectives? If you do not agree, please explain the basis for your disagreement and provide a detailed description of your recommended objectives for the project.

Yes

No

5. The "Detailed Description" section of the SAR provides a non-exhaustive, illustrative listing of the types of work that will be undertaken by the drafting team. Do you agree with the "Detailed Description" section of the SAR? If you do

not agree with the description of the work that will be undertaken by the drafting team, please state the basis for your disagreement and provide a detailed description of what work you believe should be undertaken.

Yes

No

6. If you have additional comments on this SAR that you have not provided in your above responses, please provide them here:

Yes

No

Responses By Question

See the Unofficial Comment Form on the [Project Page](#) for additional background information.

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Charles Yeung - Southwest Power Pool, Inc. (RTO) - 2 - SPP

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Oliver Burke - Entergy - Entergy Services, Inc. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Error: Subreport could not be shown.

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

---

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Error: Subreport could not be shown.

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Scott McGough - Georgia System Operations Corporation - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Error: Subreport could not be shown.

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Herb Schrayshuen - Herb Schrayshuen - 2 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Error: Subreport could not be shown.

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michael Lowman - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Error: Subreport could not be shown.

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Christy Koncz - Public Service Enterprise Group - 1,3,5,6 - NPCC,RFC

Error: Subreport could not be shown.

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Randall Hubbard - Southern Company - Southern Company Services, Inc. - 1,3,5,6 - SERC

Error: Subreport could not be shown.

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shannon Mickens - Southwest Power Pool, Inc. (RTO) - 2 - SPP

Error: Subreport could not be shown.

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Fuchsia Davis - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Merrell - Tacoma Public Utilities (Tacoma, WA) - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Li - Independent Electricity System Operator - 2 - NPCC

Error: Subreport could not be shown.

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Bee - Exelon - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Joshua Andersen - Salt River Project - 1,3,5,6 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry Bllke - Midcontinent ISO, Inc. - 2 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

If you would like to bypass taking the survey, scroll down to submit.

This will allow you to view Social Survey and agree/disagree with an already posted comment using the "thumbs up/thumbs down" feature.

Submitting a "thumbs up/thumbs down" on another entity's comment enables a negative vote to count in the calculation of consensus.

I want to bypass taking the survey.

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer: I want to bypass taking the survey.

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Charles Yeung - Southwest Power Pool, Inc. (RTO) - 2 - SPP

Selected Answer: I want to bypass taking the survey.

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer: I want to bypass taking the survey.

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Oliver Burke - Entergy - Entergy Services, Inc. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Error: Subreport could not be shown.

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

---

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Error: Subreport could not be shown.

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Scott McGough - Georgia System Operations Corporation - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Error: Subreport could not be shown.

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Herb Schrayshuen - Herb Schrayshuen - 2 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Error: Subreport could not be shown.

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michael Lowman - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Error: Subreport could not be shown.

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Christy Koncz - Public Service Enterprise Group - 1,3,5,6 - NPCC,RFC

Error: Subreport could not be shown.

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Randall Hubbard - Southern Company - Southern Company Services, Inc. - 1,3,5,6 - SERC

Error: Subreport could not be shown.

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shannon Mickens - Southwest Power Pool, Inc. (RTO) - 2 - SPP

Error: Subreport could not be shown.

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Fuchsia Davis - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: I want to bypass taking the survey.

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Merrell - Tacoma Public Utilities (Tacoma, WA) - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Li - Independent Electricity System Operator - 2 - NPCC

Error: Subreport could not be shown.

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Bee - Exelon - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Joshua Andersen - Salt River Project - 1,3,5,6 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: I want to bypass taking the survey.

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

---

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Scott McGough - Georgia System Operations Corporation - 3 -

Selected Answer: No

Answer Comment:

- If changes are NOT necessary to align the terms or if the differences are appropriate, NERC could modify the words or phrases in the ROP in a way to show that it is not the exact term as in the NERC Glossary.
- Make changes in the ROP and not in the NERC Glossary.

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Herb Schrayshuen - Herb Schrayshuen - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Regarding Goal 1, what would happen if the ROP changes receive different comments than the standards posting? These are two separate processes, and it may be necessary to consider a streamlined process to make consistent language changes between the NERC Glossary and the Rules of Procedure. If there is a new process introduced in this project, it could be used if any misaligned terms are identified in the future.

Document Name:

Likes: 0

Dislikes: 0

Michael Lowman - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Error: Subreport could not be shown.

Selected Answer: No

Answer Comment:

Duke Energy suggests adding to the scope of the project those definitions within the NERC standards, Standard only definitions, that are inconsistent with the NERC Glossary of Term or Rules of Procedure (ROP). This would reduce the amount confusion within the industry if those identified defintions are consistent with the NERC Glossary of Terms and the ROP.

Document Name:

Likes: 0

Dislikes: 0

Christy Koncz - Public Service Enterprise Group - 1,3,5,6 - NPCC,RFC

Error: Subreport could not be shown.

Selected Answer: No

Answer Comment:

See attached document under Q1

Document Name: Q3.doc

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Randall Hubbard - Southern Company - Southern Company Services, Inc. - 1,3,5,6 - SERC

Error: Subreport could not be shown.

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shannon Mickens - Southwest Power Pool, Inc. (RTO) - 2 - SPP

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Fuchsia Davis - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Merrell - Tacoma Public Utilities (Tacoma, WA) - 1 -

Selected Answer: No

Answer Comment:

Tacoma Power recommends the following modification to Goal 1: "For cross-over terms in the Glossary and ROP, identify differences and inconsistencies in the definition narrative. Where necessary, revisions to align the terms will be addressed as part of a subsequent revision to the SAR." Tacoma Power believes the industry needs to know the terms that will be subject to revision in order to correctly assess and comment on the SAR purpose, goals, objectives, and detailed description of the proposed revision process. Identifying the impacted terms is a necessary antecedent to drafting the purpose, goals, objectives, and detailed description because of the following: (1) Without a list of effected terms, it is not clear which resources and personnel will be needed to correctly analyze the proposed revisions; (2) without a list of effected terms, it is impossible to assess and evaluate the potential impact on existing policies, procedures, etc.

Tacoma Power recommends the following modification to Goal 2: "Assess the current process(es) in place for development and maintenance of defined terms, and provide recommendations to the Standards Committee (SC) and NERC regarding changes or improvements to the existing definition development process(es) to allow for future development of defined terms that are consistent and aligned and to define a process for how future identified inconsistencies are handled." The revised verbiage would address cases that might be overlooked by Project 2015-04.

Document Name:

Likes: 0

Dislikes: 0

Ben Li - Independent Electricity System Operator - 2 - NPCC

Error: Subreport could not be shown.

Selected Answer: No

Answer Comment:

Please refer to the SRC comment provided under Question 2.

Document Name:

Likes: 0

Dislikes: 0

John Bee - Exelon - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

4. The stated objectives for the project are as follows:

1. ***For Goal 1: For existing cross-over terms that are inconsistent, evaluate whether changes are necessary to align the terms or if the differences are appropriate. This would include, but is not limited to, ensuring the content, substance, capitalization, formatting and other differences are reconciled. If changes are appropriate, propose revisions to the***

defined term(s) for industry approval.

2. ***For Goal 1: For cross-over definitions that contain inconsistencies or differences and that are currently under revision, board approved, or pending regulatory approval, evaluate whether changes are necessary to align the terms or if the differences are appropriate. If changes are appropriate, propose revisions to the defined term(s) for industry approval.***

3. ***For Goal 2: Assess the current process(es) in place for development and maintenance of defined terms, and provide recommendations to the SC and NERC regarding changes or improvements to the existing definition development process(es) to allow for future development of defined terms that are consistent and aligned.***

Do you agree with these stated objectives? If you do not agree, please explain the basis for your disagreement and provide a detailed description of your recommended objectives for the project.

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Charles Yeung - Southwest Power Pool, Inc. (RTO) - 2 - SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Please see proposed additional scope under Q6.

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: No

Answer Comment:

The phrases "where necessary, make revisions to align the terms" in Goal 1 and "if the differences are appropriate" in the objectives for Goal 1 both infer that there may be instances when inconsistent terms would be appropriate. Could the drafting team provide some scenarios to illustrate why inconsisancies would, in some cases, be acceptable?

Document Name:

Likes: 0

Dislikes: 0

Oliver Burke - Entergy - Entergy Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

See note to Question 3, which could be considered a 4th goal of this SAR/development effort.

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

---

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Clarifying Comment regarding Item #2 For Goal 1 above : States " *For cross-over definitions that contain inconsistencies or differences and that are currently under revision, board approved*,……..."

ATC questions whether the SDT possibly have inserted a gap by referring to "board approved" which should be stated more correctly as "*Reliability Standards that have been approved by FERC and currently enforced" , as part of the SAR Objectives. This project should be evaluating the impact that any changes to the defined terms may have on the existing Standards and ATC recommends the objective be revised to address this potential gap.*

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Scott McGough - Georgia System Operations Corporation - 3 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Error: Subreport could not be shown.

Selected Answer: No

Answer Comment:

Items 1 and 2 can be combined to read:

1. **For Goal 1**: For existing cross-over terms, and cross-over terms that are currently under revision, board approved, or pending regulatory approval that are inconsistent, evaluate whether changes are necessary to align the terms or if the differences are appropriate. This would include, but is not limited to, ensuring the content, substance, capitalization, formatting and other differences are reconciled. If changes are appropriate, propose revisions to the defined term(s) for industry approval.

Document Name:

Likes: 0

Dislikes: 0

Herb Schrayshuen - Herb Schrayshuen - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

We agree with the objectives as written.

Document Name:

Likes: 0

Dislikes: 0

Michael Lowman - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Error: Subreport could not be shown.

Selected Answer: No

Answer Comment:

Duke Energy suggests adding the following revisions for Goal 2:

"3. For Goal 2: Assess the current process(es) in place for development and maintenance of defined terms, and provide recommendations to the SC and NERC regarding changes or improvements to the existing definition development process(es) , if any, to allow for future development of defined terms that are consistent and aligned or propose such a process if one does not exist."

We believe the scope of the project for Goal 2 should be to not only revises current processes, but also to develop any additional process(es) necessary regarding changes or improvements to existing and future NERC defined terms.

If our recommendation to review standard definitions is accepted, Duke Energy suggests the following revisions to Goal 1:

"1. For Goal 1: For existing cross-over terms that are inconsistent, either within a standard or in the NERC Glossary of Terms, evaluate whether changes are necessary to align the terms or if the differences are appropriate. This would include, but is not limited to, ensuring the content, substance, capitalization, formatting and other differences are reconciled. If changes are appropriate, propose revisions to the defined term(s) for industry approval.

2. For Goal 1: For cross-over definitions that contain inconsistencies or differences and that are currently under revision, , either within a standard or

in the NERC Glossary of Terms, board approved, or pending regulatory approval, evaluate whether changes are necessary to align the terms or if the differences are appropriate. If changes are appropriate, propose revisions to the defined term(s) for industry approval."

Document Name:

Likes: 0

Dislikes: 0

Christy Koncz - Public Service Enterprise Group - 1,3,5,6 - NPCC,RFC

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

We agree with the objectives, provided that the substance of our comments in questions 1, 2, and 3 are adopted.

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Randall Hubbard - Southern Company - Southern Company Services, Inc. - 1,3,5,6 - SERC

Error: Subreport could not be shown.

Selected Answer: No

Answer Comment:

Please see proposed wording in **bold**:

For Goal 1: For existing cross-over terms that are inconsistent, evaluate whether changes ***to such terms*** are necessary to align the terms or if the differences are appropriate. This would include, but is not limited to, ensuring the content, substance, capitalization, formatting and other differences are reconciled. If changes are appropriate, propose revisions to the defined term(s) for industry approval.

For Goal 1: For cross-over definitions that contain inconsistencies or differences and that are currently under revision, board approved, or pending regulatory approval, evaluate whether changes ***to such definitions*** are necessary to align the terms or if the differences are appropriate. If changes are appropriate, propose revisions to the defined term(s) for industry approval.

Document Name:

Likes: 0

Dislikes: 0

Shannon Mickens - Southwest Power Pool, Inc. (RTO) - 2 - SPP

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Fuchsia Davis - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Merrell - Tacoma Public Utilities (Tacoma, WA) - 1 -

Selected Answer: No

Answer Comment:

Tacoma Power recommends the following modification to the first objective: “Identify existing cross-over terms that are inconsistent and evaluate whether changes are

necessary to align the terms or if the differences are appropriate. If changes are appropriate, seek industry approval to revise the SAR to authorize revisions to the identified defined term(s)." Tacoma Power believes the industry needs to know the terms that will be subject to revision in order to correctly assess and comment on the SAR purpose, goals, objectives, and detailed description of the proposed revision process. Identifying the impacted terms is a necessary antecedent to drafting the purpose, goals, objectives, and detailed description because of the following: (1) Without a list of effected terms, it is not clear which resources and personnel will be needed to correctly analyze the proposed revisions; (2) without a list of effected terms, it is impossible to assess and evaluate the potential impact on existing policies, procedures, etc.

Tacoma Power recommends the following modification to the second objective: "Identify cross-over definitions that contain inconsistencies or differences and that are currently under revision, board approved, or pending regulatory approval and evaluate whether changes are necessary to align the terms or if the differences are appropriate. If changes are appropriate, seek industry approval to revise the SAR to authorize revisions to the defined term(s)." Tacoma Power believes the industry needs to know the terms that will be subject to revision in order to correctly assess and comment on the SAR purpose, goals, objectives, and detailed description of the proposed revision process. Identifying the impacted terms is a necessary antecedent to drafting the purpose, goals, objectives, and detailed description because of the following: (1) Without a list of effected terms, it is not clear which resources and personnel will be needed to correctly analyze the proposed revisions; (2) without a list of effected terms, it is impossible to assess and evaluate the potential impact on existing policies, procedures, etc.

Tacoma Power recommends the following modification to the third objective: "Assess the current process(es) in place for development and maintenance of defined terms, and provide recommendations to the SC and NERC regarding changes or improvements to the existing definition development process(es) to allow for future development of defined terms that are consistent and aligned and to define a process for how future identified inconsistencies are handled." The revised verbiage would address cases that might be overlooked by Project 2015-04.

Document Name:

Likes: 0

Dislikes: 0

Ben Li - Independent Electricity System Operator - 2 - NPCC

Error: Subreport could not be shown.

Selected Answer: No

Answer Comment:

For Goal 2, please refer to the comments to Questions (2) and (3).

Document Name:

Likes: 0

Dislikes: 0

John Bee - Exelon - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

5. The "Detailed Description" section of the SAR provides a non-exhaustive, illustrative listing of the types of work that

will be undertaken by the drafting team. Do you agree with the "Detailed Description" section of the SAR? If you do not agree with the description of the work that will be undertaken by the drafting team, please state the basis for your disagreement and provide a detailed description of what work you believe should be undertaken.

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Charles Yeung - Southwest Power Pool, Inc. (RTO) - 2 - SPP

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Please see proposed additional scope under Q6.

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Oliver Burke - Entergy - Entergy Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

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christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Scott McGough - Georgia System Operations Corporation - 3 -

Selected Answer: No

Answer Comment:

· If changes are NOT necessary to align the terms or if the differences are appropriate, NERC could modify the words or phrases in the ROP in a way to show that it is not the exact term as in the NERC Glossary.

· Make changes in the ROP and not in the NERC Glossary.

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Error: Subreport could not be shown.

Selected Answer: No

Answer Comment:

The impact of Paragraph 81 must be considered.

Document Name:

Likes: 0

Dislikes: 0

Herb Schrayshuen - Herb Schrayshuen - 2 -

Selected Answer: No

Answer Comment:

Cooridination with the terms in the functinoal model documents should be undertaken in conjunction with this effort.

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

The examples listed were appropriate terms to align. In addition to already defined NERC standards, it would be helpful for the drafting team to develop or make recommendations to develop future definitions for certain NERC Glossary Terms, such as but not limited to “Generator Interconnection” or “Systematic Approach to Training.” If such definitions were developed, a careful review of their use in the existing standards and their impact would be needed to ensure the definitions only

offer clarity and do not modify the standard.

Document Name:

Likes: 0

Dislikes: 0

Michael Lowman - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Christy Koncz - Public Service Enterprise Group - 1,3,5,6 - NPCC,RFC

Error: Subreport could not be shown.

Selected Answer: No

Answer Comment:

See attached document under Q1

Document Name: Q5.doc

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Randall Hubbard - Southern Company - Southern Company Services, Inc. - 1,3,5,6 - SERC

Error: Subreport could not be shown.

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shannon Mickens - Southwest Power Pool, Inc. (RTO) - 2 - SPP

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Fuchsia Davis - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Merrell - Tacoma Public Utilities (Tacoma, WA) - 1 -

Selected Answer: No

Answer Comment:

Please refer to Tacoma Power's comments on Questions 2-4. Specifically, Tacoma

Power believes the Detailed Description should include a complete list of identified cross-over terms that are inconsistent and that require changes to align the terms. This would require a two-step process. The first step would be identification. The second step would be authorization to proceed with proposing revisions. The basis for suggesting this two-step approach is that the industry needs to know the terms that will be subject to revision in order to correctly assess and comment on the SAR purpose, goals, objectives, and detailed description of the proposed revision process. Identifying the impacted terms is a necessary antecedent to drafting the purpose, goals, objectives, and detailed description because of the following: (1) Without a list of effected terms, it is not clear which resources and personnel will be needed to correctly analyze the proposed revisions; (2) without a list of effected terms, it is impossible to assess and evaluate the potential impact on existing policies, procedures, etc.

Document Name:

Likes: 0

Dislikes: 0

Ben Li - Independent Electricity System Operator - 2 - NPCC

Error: Subreport could not be shown.

Selected Answer: No

Answer Comment:

The SAR discusses reviews regarding consistency between defined terms that are capitalized and similar terms that are not, the SRC respectfully requests that the SDT take the totality of the potential impacts to standards into consideration when proposing modiciatins to defined terms and/or lower-cased terms. If such changes are not thoroughly evaluated for all potential impacts, unintended consequences may result. As depicted in the Standards Process Manual, all new or revised definitions must go through the same vetting process as new/revised standards, i.e., they need to be posted for comment then balloted.

Document Name:

Likes: 0

Dislikes: 0

John Bee - Exelon - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

6. If you have additional comments on this SAR that you have not provided in your above responses, please provide them here:

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Charles Yeung - Southwest Power Pool, Inc. (RTO) - 2 - SPP

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

We agree with all of the above, but believe that the scope of this project falls a bit short of ensuring consistency of terms across all important documents that form the basis for Reliability Standards development. The Functional Model, though not required to be approved by regulatory authorities, provides the framework for the development and applicability of NERC's Reliability Standards. We therefore suggest that the purpose statement, scope of work, goals and detail description of work be expanded to include reviewing terms defined in the Functional Model, and ensuring consistenmcy across the Glossary, ROP and Functional Model.

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

In addition to the potential inconsistencies identified in NERC's glossary and ROP, there are many other inconsistancies between the terms used by NERC and the RTOs. Though we realize this the scope of project is limited to the terms used soley within NERC, we also believe there is a need to examine and ensure the consistency of terms between NERC and the RTOs.

Document Name:

Likes: 0

Dislikes: 0

Oliver Burke - Entergy - Entergy Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Registered entities must be able to depend on the published definitions for terms used in reliability standards. One important step in that direction would be to avoid re-defining Glossary terms once they are entered into the Glossary the first time. If that is not possible, a new term could be coined, possibly. If a term *must* be redefined, then every requirement in every standard that uses that term (or a derivative term*) should be put up for ballot again.

* Example: “Adverse Reliability Impact” has two defined terms in its definition in the Glossary: “Bulk Electric System” and “Cascading”.

Adverse Reliability Impact : 8/4/2011, The impact of an event that results in **Bulk Electric System** instability or **Cascading**.

Bulk Electric System2: Unless modified by the lists shown below, all **Transmission Elements** operated at 100 kV or higher and **Real Power** and **Reactive Power** resources connected at 100 kV or higher. This does not include facilities used in the local distribution of electric energy. Inclusions: · I1 - Transformers with the primary terminal and at least one secondary terminal operated at 100 kV or higher unless excluded under Exclusion E1 or E3. · I2 - Generating resource(s) with gross individual nameplate rating greater than 20 MVA or gross plant/facility aggregate nameplate rating greater than 75 MVA including the generator terminals through the high-side of the step-up transformer(s) connected at a voltage of 100 kV or above. · I3 - **Blackstart Resources** identified in the **Transmission Operator’s** restoration plan. · I4 - Dispersed power producing resources with aggregate capacity greater than 75 MVA (gross aggregate nameplate rating) utilizing a system designed primarily for aggregating capacity, connected at a common point at a voltage of 100 kV or above. [The remainder of this definition was truncated, as this is only for illustrative purposes.]

Cascading: 2/8/2005, 3/16/2007: The uncontrolled successive loss of system elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be restrained from sequentially spreading beyond an area predetermined by studies.

If this definition of “Cascading” was changed, then every standard that references “Cascading” and every standard which references “Adverse Reliability Impact” should be reballoted with the new definition.

Also, NERC should consider whether it is possible to adopt a new policy for updating the Glossary to require that new or revised definitions must avoid using Glossary-defined terms as part of the definitions of other Glossary terms. This could limit the confusion going forward. Some usage of defined terms will be unavoidable (such as BES), but others may be possible to avoid.

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Error: Subreport could not be shown.

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Page 1 - SAR Requestor Information; Dominion suggests adding the SAR DT chair name and the NERC staffers name behind their phone numbers, for completeness.

Dominion does not agree with “N/A” in column labeled “Standard No.” in the box labeled “Related Standards” (page 6 of the SAR). We would prefer it indicate “as applicable” with the explanation “as applies to standards that contain terms defined in the NERC Glossary of Terms”.

Document Name:

Likes: 0

Dislikes: 0

Scott McGough - Georgia System Operations Corporation - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Any effort to line up the NERC Glossary of Terms which are used in Standards, with the Rules of Procedure definitions should include an effort to at least identify inconsistencies with terms found in the NERC Functional Model Version 6 and notify the Functional Model Advisory Group of any such inconsistencies.

On page 1 in the SAR Requester Information section suggest adding the SAR Drafting Team chair's name and the NERC Staffer's name behind their phone numbers for completeness.

In the section labeled “Related Standards” on page 6 of the SAR suggest replacing the “N/A” in the column entitled “Standard No.” with “as applicable”. The concomitant entry in the Explanation column to be added would be “as applies to standards that contain terms defined in the NERC Glossary of Terms”.

The NERC *Glossary of Terms* are voted on by industry, approved by the NERC BOT, and approved by FERC. The NERC RoP changes are only adopted by the NERC BOT (with input from the MRC), and are approved by FERC. Also, the NERC *Glossary of Terms* applies to NERC Reliability Standards. These standards are auditable, enforceable and sanctionable. The NERC RoP and Functional Model have other purposes, outside of compliance (i.e., the RoP contains administrative and governance procedures and the Functional Model is for registration purposes). A “Conflicts” clause that makes one agreement or document takes precedence over all others in a conflict should be added. Suggest the following:

“The NERC *Glossary of Terms* shall apply and have precedence when interpreting the meaning of terms used in NERC Reliability Standards. Definitions of terms in the NERC RoP and Functional Model documents, which may or may not be in agreement or conflict, shall only be used to clarify the meaning of terms used in the RoP and Functional Model documents, and shall not have precedence over the NERC *Glossary of Terms* in matters of Reliability Standard interpretations, compliance audits, enforcement or in the development of sanctions. Deference and precedence should be given to the NERC *Glossary of Terms* in interpreting the definition of terms used in all NERC documents.”

OR

“In the event of a conflict between the definition of terms cited in the NERC Glossary of Terms, the definition used in a single reliability standard, or the definition provided in any other NERC document (e.g., RoP, Functional Model), the following order of precedence shall apply:

1. The NERC Glossary of Terms definitions shall apply, unless superseded or modified by a Single Standard definition presented at the beginning of the standard under the Definition of Terms heading.

2. A Single Standard definition presented at the beginning of the standard under the Definition of Terms heading shall only apply for that one reliability standard.

3. Footnote, Rationale Box and Guidance Document definitions shall take precedence only if there are no NERC Glossary of Terms or Single Standard definitions.

4. Definitions of terms presented in other NERC documents (e.g., RoP, Functional Model, RSAW's) will have no standing in the presence of the NERC Glossary of Terms, Single Standard definitions or standard Footnote, Rationale Box and Guidance Document definitions. They shall only apply where the drafting history of the standard clearly supports and shows the intent of the standard drafting team and the industry balloting to support their application to the single standard.

5. Definitions contained in approved interpretations of standards, which are appended to the original standard, are incorporated into the standard and shall therefore assume the same level of precedence as any Single Standard definition."

Document Name:

Likes: 0

Dislikes: 0

Herb Schrayshuen - Herb Schrayshuen - 2 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

We agree with the direction that the drafting team is taking to address inconsistencies in the NERC Glossary. We ask that the team consider CIP definitions in addition to the Operations and Planning standards to ensure consistency throughout all NERC terms.

Document Name:

Likes: 0

Dislikes: 0

Michael Lowman - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Error: Subreport could not be shown.

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Christy Koncz - Public Service Enterprise Group - 1,3,5,6 - NPCC,RFC

Error: Subreport could not be shown.

Selected Answer: No

Answer Comment:

No additional comments

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: Yes

Answer Comment:

Comparing the NERC Glossary to the information listed in the Rules of Procedure is a good idea.

Document Name:

Likes: 0

Dislikes: 0

Randall Hubbard - Southern Company - Southern Company Services, Inc. - 1,3,5,6 - SERC

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Our only other comment with the SAR is that it contains lengthy redundant wording.

Document Name:

Likes: 0

Dislikes: 0

Shannon Mickens - Southwest Power Pool, Inc. (RTO) - 2 - SPP

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

We would suggest to the drafting team to take into consideration and adding the term(s) ‘Contingency Reserves’, ‘System Operating Limit-SOL’ and ‘Interconnection Reliability Operating Limit-IROL’ to the list of ‘cross-over’ terms to be evaluated in your process. It is our concern that these specific terms are used in various Reliability Standards and the interpretation of each has caused confusion in the industry.

Document Name:

Likes: 0

Dislikes: 0

Fuchsia Davis - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Merrell - Tacoma Public Utilities (Tacoma, WA) - 1 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Li - Independent Electricity System Operator - 2 - NPCC

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

The SRC recommends clarifying the scope of the SAR to ensure consistency of terms across all important documents that form the basis for Reliability Standards development. In particular, the Functional Model, which is captured in Appendix 5 to

the ROP, also exists outside of the ROP. As it provides the framework for the development and applicability of NERC's Reliability Standards, the SRC suggests that the purpose statement, scope of work, goals and detail description of work clarify whether the SDT is intending to include reviewing terms defined in the Functional Model, and ensuring consistency across the Glossary, ROP and Functional Model.

Document Name:

Likes: 0

Dislikes: 0

John Bee - Exelon - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Additional Comments

Public Service Enterprise Group
Christy Koncz

Comments to Question 1

See the suggested redline below:

"There are defined terms that appear in both the NERC Glossary of Terms and and Appendix 2 of the Rules of Procedure ~~("cross-over terms")~~ that are intended to be the same ~~inconsistent~~ in substance and form ("cross-over terms"). (Appendix 2 definitions that are

intended to be the same as NERC Glossary terms marked with **.) ~~This~~Differences in such terms may cause~~s~~ industry confusion and may lead to inconsistent interpretation or application of the meaning of a term. Consistent definitions will enhance reliability because the owners, users and operators of the BES along with the ERO Enterprise will have a better understanding of the terminology used in the NERC Reliability Standards and Appendix 2 of the Rules of Procedure."

By the changes above, PSEG would be changing the SAR so that definitional alignment would only be undertaken for terms in Appendix 2 that are intended to be the same a NERC Glossary terms. Such terms are denoted in Appendix 2 with **, as explained on p.1 of Appendix 2:

> "Definitions of terms in this Appendix that are marked with asterisks (**) are taken from the NERC Glossary of Terms Used in Reliability Standards."

The "Industry Need" redline above would remove the terms "Net Energy for Load," "Generator Owner" and "Generator Operator" (and any other Appendix 2 terms without **) from the scope of this SAR. If the team decides to pursue intentional definitional differences, it should consider doing so in a second phase of this project under a separate SAR. See additional comments on this topic in the PSEG response to question 5.

Comments to Question 2

PSEG recommends the following redline changes, which are consistent with its response to question 1.

> "to align the cross-over terms defined terms found in the NERC Glossary of Terms (Glossary) and Appendix 2 of the Rules of Procedure (ROP); and, provide recommendations to enhance the current process(es) to prevent future misalignment or inconsistencies in NERC defined terms."

Comments to Question 3

To ensure that only Appendix 2 definitions are addressed, PSEG recommends this redline change to Goal 1:

> **Goal 1**: For cross-over terms in the Glossary and ROP Appendix 2, identify differences and inconsistencies in the definition narrative and, where necessary, make revisions to align the terms. Proposed revisions to the Glossary will be undertaken through Section 5.0 of the Standard Processes Manual. Proposed revisions to the definitions included in the ROP will be undertaken through Section 1400 of the NERC ROP.

Comments to Question 5

Intentional differences may exist between identical terms defined in Appendix 2 and the NERC Glossary. Differences are assumed to be intentional if the Appendix 2 definition does not have the ** mark which indicates it is taken from the NERC Glossary.

Goal 2's objective (identifying process improvements "to allow for future development of defined terms that are consistent and aligned") cannot be achieved if definitional differences are intentional.

If the team decides to pursue intentional definitional differences, it should consider doing so in a second phase of this project under a separate SAR. For phase 2, the project team should prepare a list of all Appendix 2 terms *not* marked with a ** and NERC Glossary terms which are identical in name but which are defined differently. This list should then be provided to NERC since they prepare ROP filings. NERC Legal could serve as a point of contact. If NERC desires a change in a NERC Glossary term, they should provide the particulars that support the NERC Glossary term change to the project team for its action.

Two examples of Appendix 2 definitions that are intentionally different from their NERC Glossary counterparts are discussed below.

- The two sentences in the "Detailed Description" section of the SAR that discuss the "Net Energy for Load" (NEL) definition should be deleted. NEL is used in ROP Section 1100 – Annual NERC Business Plans and Budgets to allocate NERC and Regional Costs to Load-Serving Entities.

- The last paragraph in the "Detailed Description" section of the SAR that addresses Generator Owner and Generator Operator should be deleted. In the Risk-Based Registration proceeding in Docket No. 15-4-000, FERC approved changes to the Appendix 2 definitions of Generator Owner and Generator Operator. In that same proceeding, NERC made changes in Appendix 5A - Organization Registration and Certification Manual. The "before" and "after" language from Section II of Appendix 5A is shown below.

Before:

Organization Registration — Entities Required to Register

All industry participants responsible for one or more of the functions below must register for each function through the Organization Registration Program. These entities are defined in the Glossary of Terms with responsibilities designated by the individual Reliability Standards and the NERC *Statement of Compliance Registry Criteria* document.

After:

Organization Registration — Entities Required to Register

All industry participants responsible for one or more of the functions below must register for each function through the Organization Registration Program. These entities are defined in the NERC *Statement of Compliance Registry Criteria*.

Prior to the change to Appendix 5A, NERC Glossary Terms were used for registration functions; however, after the change, this linkage no longer exists.

NERC stated the following in its January 26, 2015 comments in RR15-4-000 (at 6):

> "NERC further notes that there is no basis in Commission precedent for the PSEG Companies' argument that definitions in the NERC Glossary and the NERC Statement of Compliance Registry Criteria and Appendix 2 must be identical. In fact, the Commission has approved amendments to the Rules of Procedure with those sections retaining their respective terms. There is no need for the Commission to address or resolve this matter in the instant docket.[24] "

[24] See e.g., Project 2015-04 Alignment of NERC Glossary of Terms and Definitions Used in "the Rules of Procedure (Appendix 2 of the Rules of Procedure).

SPP
Charles Yeung

1. The SAR provides that the "Industry Need" for the project is as follows:

   > "There are defined terms that appear in both the NERC Glossary of Terms and Rules of Procedure ("cross-over terms") that are inconsistent in substance and form. This causes industry confusion and may lead to inconsistent interpretation or application of the meaning of a term. Consistent definitions will enhance reliability because the owners, users and operators of the BES along with the ERO Enterprise will have a better understanding of the terminology used in the NERC Reliability Standards and Rules of Procedure."

   Do you agree with the stated "Industry Need" as outlined in the SAR? If not, please identify what you believe the proper statement of "Industry Need" to be.

   X Yes
   ☐ No

   Comments:

2. The SAR provides that the purpose of the project is,

   "to align the defined terms found in the NERC Glossary of Terms (Glossary) and Rules of Procedure (ROP); and, provide recommendations to enhance the current process(es) to prevent future misalignment or inconsistencies in NERC defined terms."

   Do you agree with the purpose statement for the project? If not, please explain the basis for your disagreement and provide a recommended purpose statement for the project.

   ☐ Yes

   X No

   Comments: The SAR is unclear regarding what process(es) the SDT is evaluating To the extent that this is intended to evaluate or revise formal processes such as the NERC Standards Development Process, such should be indicated. Further, to the extent that this is intended to provide flexibility to develop additional processes (either formal or informal definition development processes), such should be clarified.

3. The SAR identifies two goals for the project as follows:

   Goal 1: For cross-over terms in the Glossary and ROP, identify differences and inconsistencies in the definition narrative and, where necessary, make revisions to align the terms. Proposed revisions to the Glossary will be undertaken through Section 5.0 of the Standard Processes Manual. Proposed revisions to the definitions included in the ROP will be undertaken through Section 1400 of the NERC ROP.

   Goal 2: Assess the current process(es) in place for development and maintenance of defined terms, and provide recommendations to the Standards Committee (SC) and NERC regarding changes or improvements to the existing definition development process(es) to allow for future development of defined terms that are consistent and aligned.

   Do you agree with the stated goals for the project? If not, please identify which goal(s) you do not agree with and provide a detailed description of your recommended goals for the project.

☐ Yes

X No

Comments: Please refer to the SRC comment provided under Question 2.

4. The stated objectives for the project are as follows:
    1. **For Goal 1**: For existing cross-over terms that are inconsistent, evaluate whether changes are necessary to align the terms or if the differences are appropriate. This would include, but is not limited to, ensuring the content, substance, capitalization, formatting and other differences are reconciled. If changes are appropriate, propose revisions to the defined term(s) for industry approval.
    2. **For Goal 1**: For cross-over definitions that contain inconsistencies or differences and that are currently under revision, board approved, or pending regulatory approval, evaluate whether changes are necessary to align the terms or if the differences are appropriate. If changes are appropriate, propose revisions to the defined term(s) for industry approval.
    3. **For Goal 2**: Assess the current process(es) in place for development and maintenance of defined terms, and provide recommendations to the SC and NERC regarding changes or improvements to the existing definition development process(es) to allow for future development of defined terms that are consistent and aligned.

    Do you agree with these stated objectives? If you do not agree, please explain the basis for your disagreement and provide a detailed description of your recommended objectives for the project.

    ☐ Yes

    X No

    Comments: For Goal 2, please refer to the comments to Questions (2) and (3).

5. The "Detailed Description" section of the SAR provides a non-exhaustive, illustrative listing of the types of work that will be undertaken by the drafting team. Do you agree with the "Detailed Description" section of the SAR? If you do not agree with the description of the work

that will be undertaken by the drafting team, please state the basis for your disagreement and provide a detailed description of what work you believe should be undertaken.

☐ Yes

X No

The SAR discusses reviews regarding consistency between defined terms that are capitalized and similar terms that are not, the SRC respectfully requests that the SDT take the totality of the potential impacts to standards into consideration when proposing modiciatins to defined terms and/or lower-cased terms. If such changes are not thoroughly evaluated for all potential impacts, unintended consequences may result. As depicted in the Standards Process Manual, all new or revised definitions must go through the same vetting process as new/revised standards, i.e., they need to be posted for comment then balloted.

6. If you have additional comments on this SAR that you have not provided in your above responses, please provide them here:

☒ Yes

No

Comments: The SRC recommends clarifying the scope of the SAR to ensure consistency of terms across all important documents that form the basis for Reliability Standards development. In particular, the Functional Model, which is captured in Appendix 5 to the ROP, also exists outside of the ROP. As it provides the framework for the development and applicability of NERC's Reliability Standards, the SRC suggests that the purpose statement, scope of work, goals and detail description of work clarify whether the SDT is intending to include reviewing terms defined in the Functional Model, and ensuring consistency across the Glossary, ROP and Functional Model.

Consideration of Comments

Project 2015-04: Alignment of Terms

The Project 2015-04 drafting team thanks all commenters who submitted comments on the SAR. The SAR was posted for a 30-day formal comment period from March 13, 2015 through April 13, 2015. Stakeholders were asked to provide feedback on the SAR through a special electronic comment form.

All comments submitted may be reviewed in their original format on the 2015-04 project page.

If you feel that your comment has been overlooked or if you feel that the substance of your comment was not addressed, please let us know immediately. Our goal is to give every comment serious consideration in this process. If you feel there has been an error or omission, you can contact the Senior Director of Standards, Valerie Agnew, at 404-446-2566 or at valerie.agnew@nerc.net. In addition, there is a NERC Reliability Standards Appeals Process.[1]

[1] The appeals process is in the Standard Processes Manual, which can be accessed by clicking here.

1. **The SAR provides that the "Industry Need" for the project is as follows: "There are defined terms that appear in both the NERC Glossary of Terms and Rules of Procedure ("cross-over terms") that are inconsistent in substance and form. This causes industry confusion and may lead to inconsistent interpretation or application of the meaning of a term. Consistent definitions will enhance reliability because the owners, users and operators of the BES along with the ERO Enterprise will have a better understanding of the terminology used in the NERC Reliability Standards and Rules of Procedure." Do you agree with the stated "Industry Need" as outlined in the SAR? If not, please identify what you believe the proper statement of "Industry Need" to be.** 9

2. **The SAR provides that the purpose of the project is, "to align the defined terms found in the NERC Glossary of Terms (Glossary) and Rules of Procedure (ROP); and, provide recommendations to enhance the current process(es) to prevent future misalignment or inconsistencies in NERC defined terms."**
   Do you agree with the purpose statement for the project? If not, please explain the basis for your disagreement and provide a recommended purpose statement for the project. 15

3. **The SAR identifies two goals for the project as follows:**
   Goal 1: For cross-over terms in the Glossary and ROP, identify differences and inconsistencies in the definition narrative and, where necessary, make revisions to align the terms. Proposed revisions to the Glossary will be undertaken through Section 5.0 of the Standard Processes Manual. Proposed revisions to the definitions included in the ROP will be undertaken through Section 1400 of the NERC ROP. Goal 2: Assess the current process(es) in place for development and maintenance of defined terms, and provide recommendations to the Standards Committee (SC) and NERC regarding changes or improvements to the existing definition development process(es) to allow for future development of defined terms that are consistent and aligned.
   Do you agree with the stated goals for the project? If not, please identify which goal(s) you do not agree with and provide a detailed description of your recommended goals for the project. 21

4. **The stated objectives for the project are as follows:** (1.) **For Goal 1: For existing cross-over terms that are inconsistent, evaluate whether changes are necessary to align the terms or if the differences are appropriate. This would include, but is not limited to, ensuring the content, substance, capitalization, formatting and other differences are reconciled. If changes are appropriate, propose revisions to the defined term(s) for industry approval.** (2.) **For Goal 1: For cross-over definitions that contain inconsistencies or differences and that are currently under revision, board approved, or pending regulatory approval, evaluate whether changes are necessary to align the terms or if the differences are appropriate. If changes are appropriate, propose revisions to the defined term(s) for industry approval.** (3.) **For Goal 2: Assess the current process(es) in place for development and maintenance of defined terms, and provide recommendations to the SC and NERC regarding**

changes or improvements to the existing definition development process(es) to allow for future development of defined terms that are consistent and aligned. Do you agree with these stated objectives? If you do not agree, please explain the basis for your disagreement and provide a detailed description of your recommended objectives for the project. 27

5. **The "Detailed Description" section of the SAR provides a non-exhaustive, illustrative listing of the types of work that will be undertaken by the drafting team. Do you agree with the "Detailed Description" section of the SAR? If you do not agree with the description of the work that will be undertaken by the drafting team, please state the basis for your disagreement and provide a detailed description of what work you believe should be undertaken.** 34

6. **If you have additional comments on this SAR that you have not provided in your above responses, please provide them here:** 42

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

Entity Name	Segment(s)	Region	Group Name	Group Member Name	Group Member Organization	Group Member Region	Group Member Segment(s)
ACES Power Marketing	6		ACES Standards Collaborators	Amber Skillern	East Kentucky Power Cooperative	SERC	1,3,5
				Ginger Mercier	Prairie Power, Inc.	SERC	3
				Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
				Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
				Bill Watson	Old Dominion Electric Cooperative	RFC	3,4
				Chip Koloini	Golden Spread Electric Cooperative	SPP	3,5
				Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
				Mohan Sachdeva	Buckeye Power, Inc.	RFC	3,4,5
				Bob Solomon	Hoosier Energy Rural Electric Cooperative, Inc.	RFC	1
	6			Mike Garton	NERC Compliance Policy	NPCC	5,6

Dominion - Dominion Resources, Inc.			Dominion NCP	Randi Heise	NERC Compliance Policy	SERC	1,3,5,6
				Connie Lowe	NERC Compliance Policy	SERC	1,3,5,6
				Louis Slade	NERC Compliance Policy	RFC	5,6
Independent Electricity System Operator	2	NPCC	ISO/RTO Council Standards Review Committee	Charles Yeung	SPP	SPP	2
				Christina Bigelow	ERCOT	TRE	
				Mark Holman	PJM	RFC	
				Greg Campoli	NYISO	NPCC	
				Ali Miremadi	CAISO	WECC	
				Ben Li	IESO	NPCC	
				Kathleen Goodman	ISO-NE	NPCC	
Duke Energy	1,3,5,6	FRCC, SERC, RFC	Mike Lowman on Behalf of Duke Energy	Doug Hils	Duke Energy	RFC	1
				Lee Schuster		FRCC	3
				Dale Goodwine		SERC	5
				Greg Cecil		RFC	6
MRO	1,2,3,4,5,6	MRO	MRO-NERC Standards Review Forum (NSRF)	Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
				Amy Casucelli	Xcel Energy		1,3,5,6
				Chuck Lawrence	American Transmission Company		1
				Chuck Wicklund	Otter Tail Power Company		1,3,5
				Dan Inman	Minnkota Power Cooperative, Inc		1,3,5,6
				Dave Rudolph	Basin Electric Power Cooperative		1,3,5,6
				Kayleigh Wilkerson	Lincoln Electric System		1,3,5,6
				Jodi Jenson	Western Area Power Administration		1,6
				Larry Heckert	Alliant Energy		4
				Mahmood Safi	Omaha Public Utility District		1,3,5,6
				Marie Knox	Midwest ISO Inc.		2

				Mike Brytowski	Great River Energy		1,3,5,6
				Randi Nyholm	Minnesota Power		1,5
				Scott Nickels	Rochester Public Utilities		4
				Terry Harbour	MidAmerican Energy Company		1,3,5,6
				Tom Breene	Wisconsin Public Service Corporation		3,4,5,6
				Tony Eddleman	Nebraska Public Power District		1,3,5
Northeast Power Coordinating Council	10	NPCC	NPCC--RSC--2014-04	Alan Adamson	New York State Reliability Council, LLC	NPCC	10
				David Burke	Orange and Rockland Utilities Inc.		3
				Greg Campoli	New York Independent System Operator		2
				Sylvain Clermont	Hydro-Quebec TransEnergie		1
				Kelly Dash	Consolidated Edison Co. of New York, Inc.		1
				Gerry Dunbar	Northeast Power Coordinating Council		10
				Kathleen Goodman	ISO - New England		2
				Mark Kenny	Northeast Utilities		1
				Helen Lainis	Independent Electricity System Operator		2
				Alan MacNaughton	New Brunswick Power Corporation		9
				Paul Malozewski	Hydro One Networks Inc.		1
				Bruce Metruck	New York Power Authority		6
				Lee Pedowicz	Northeast Power Coordinating Council		10

				Robert Pellegrini	The United Illuminating Company		1
				Si Truc Phan	Hydro-Quebec TransEnergie		1
				David Ramkalawan	Ontario Power Generation, Inc.		5
				Brian Robinson	Utility Services		8
				Wayne Sipperly	New York Power Authority		5
				Ben Wu	Orange and Rockland Utilities Inc.		1
				Peter Yost	Consolidated Edison Co. of New York, Inc.		3
				Michael Jones	National Grid		1
				Brian Shanahan	National Grid		1
				Connie Lowe	Dominion Resources Services, Inc.		5
				Silvia Parada Mitchell	NextEra Energy, LLC		5
Public Service Enterprise Group	1,3,5,6	NPCC, RFC	PSEG	Tim Kucey	PSEG - PSEG Fossil LLC	RFC	5
				Stephen York	PSEG - Energy Resources and Trade LLC		6
				Joseph Smith	PSEG - Public Service Electric and Gas Co.		1
				Jeffrey Mueller	PSEG - Public Service Electric and Gas Co		3
Southern Company - Southern Company Services, Inc.	1,3,5,6	SERC	Southern Company	Robert Schaffeld	Southern Company Services, Inc..	SERC	1
				John Ciza	Southern Company Generation and Energy Marketing		6
				R. Scott Moore	Alabama Power Company		3
				William Shultz	Southern Company Generation		5

Southwest Power Pool, Inc. (RTO)	2	SPP	SPP Standards Review Group	Shannon Mickens	Southwest Power Pool Inc.	SPP	2
				Laura Cox	Westar Energy Inc		1,3,5,6
				Stephanie Johnson	Westar Energy Inc		1,3,5,6
				Bo Jones	Westar Energy Inc		1,3,5,6
				Tiffany Lake	Westar Energy Inc		1,3,5,6
				kevin Giles	Westar Energy Inc		1,3,5,6
				James Nail	City of Independence, Missouri		3,5
				Ellen Watkins	Sunflower Electric Power Corporation		1
				Jason Smith	Southwest Power Pool Inc		2
				Megan Wagner	Westar Energy Inc		1,3,5,6
				Luis Zaragoza	Sunflower Electric Power Corporation		1
				J.Scott Williams	City Utilities of Springfield		1,4

1. **The SAR provides that the "Industry Need" for the project is as follows:**

   "There are defined terms that appear in both the NERC Glossary of Terms and Rules of Procedure ("cross-over terms") that are inconsistent in substance and form. This causes industry confusion and may lead to inconsistent interpretation or application of the meaning of a term. Consistent definitions will enhance reliability because the owners, users and operators of the BES along with the ERO Enterprise will have a better understanding of the terminology used in the NERC Reliability Standards and Rules of Procedure."

   Do you agree with the stated "Industry Need" as outlined in the SAR? If not, please identify what you believe the proper statement of "Industry Need" to be.

#	Commenter/ Organization	Y/N	Question 1 Comment	Drafting Team Response
1	Jeremy Voll - Basin Electric Power Cooperative			
2	Charles Yeung - Southwest Power Pool, Inc. (RTO)	Yes		Thank you for your support.
3	John Fontenot – Bryan Texas Utilities	Yes		Thank you for your support.
4	Dennis Minton – Florida Keys Electric Cooperative Assoc.			
5	Dennis Chastain – Tennessee Valley Authority	Yes		Thank you for your support.
6	Leonard Kula – Independent Electricity System Operator	Yes	Please see proposed additional scope under Q6.	Please see the drafting team response to your Question No. 6.
7	Thomas Foltz – AEP	Yes		Thank you for your support.
8	Oliver Burke –	Yes		Thank you for your support.

#	Commenter/ Organization	Y/N	Question 1 Comment	Drafting Team Response
	Entergy Services, Inc.			
9	Emily Rousseau – MRO	Yes		Thank you for your support.
10	Christina Bigelow – Electric Reliability Council of Texas, Inc.	Yes		Thank you for your support.
11	Rachel Coyne – Texas Reliability Entity, Inc.	Yes		Thank you for your support.
12	Andrew Pusztai – American Transmission Company, LLC	Yes		Thank you for your support.
13	Louis Slade – Dominion Resources, Inc.	Yes		Thank you for your support.
14	Scott McGough – Georgia System Operations Corporation	No	• If changes are NOT necessary to align the terms or if the differences are appropriate, NERC could modify the words or phrases in the ROP in a way to show that it is not the exact term as in the NERC Glossary. • Make changes in the ROP and not in the NERC Glossary.	• Response to bullet 1: Thank you for your comment. The drafting team agrees and will take this into consideration as the team proceeds. • Response to bullet 2: At this early stage of the project, the drafting team is not able to conclude that that it will always be appropriate to propose changes to the ROP definition and not the Glossary definition. Under some circumstances, it may be more appropriate to make changes to the Glossary definition. For each cross-over term that is under consideration, the drafting team will conduct an analysis to assess which definition narrative should be revised. The team will consider the full development history of both definitions, all FERC orders addressing the definition, all applications of the term in the ROP and Reliability Standards (and how any proposed revisions will affect these provisions), and any other

#	Commenter/ Organization	Y/N	Question 1 Comment	Drafting Team Response
				relevant information regarding the definition development and application. It may be the case that the majority of revisions are made to the ROP definitions; however, until the drafting team completes the necessary research and analysis, it is simply too early to tell. Additionally, as noted in your first comment, the research and analysis may reveal that the two definitions are intended to be different and the definitions should remain as is-with differences-because of how each definition is applied (either in the ROP or Reliability Standards). Under these circumstances, the drafting team will not propose revisions to either defined term.
15	Lee Pedowicz – Northeast Power Coordinating Council	Yes		Thank you for your support.
16	Herb Schrayshuen	Yes		Thank you for your support.
17	Ben Engelby – ACES Power Marketing	Yes	We support the SAR as written. The inconsistencies between Glossary Terms in the Reliability Standards and the Rules of Procedure need to be addressed.	Thank you for your support.
18	Michael Lowman – Duke Energy	Yes		Thank you for your support.
19	Christy Koncz – Public Service Enterprise Group	No	See the suggested redline below: "There are defined terms that appear in both the NERC Glossary of Terms and and Appendix 2 of the Rules of Procedure ~~("cross-over terms")~~ that are intended to be the same ~~inconsistent~~ in substance and form ("cross-over terms"). (Appendix 2 definitions that are intended to be the same as NERC	Thank you for your comments. The drafting team respectfully disagrees with your statement that the project work should be limited to the definitions included in Appendix 2. There are a number of instances where defined terms occur in other sections of the ROP. The drafting team will review these section-only defined terms to determine whether alignment is appropriate.

#	Commenter/ Organization	Y/N	Question 1 Comment	Drafting Team Response
			Glossary terms marked with **.) ~~This~~Differences in such terms may cause~~s~~ industry confusion and may lead to inconsistent interpretation or application of the meaning of a term. Consistent definitions will enhance reliability because the owners, users and operators of the BES along with the ERO Enterprise will have a better understanding of the terminology used in the NERC Reliability Standards and Appendix 2 of the Rules of Procedure." By the changes above, PSEG would be changing the SAR so that definitional alignment would only be undertaken for terms in Appendix 2 that are intended to be the same a NERC Glossary terms. Such terms are denoted in Appendix 2 with **, as explained on p.1 of Appendix 2: "Definitions of terms in this Appendix that are marked with asterisks (**) are taken from the NERC Glossary of Terms Used in Reliability Standards." The "Industry Need" redline above would remove the terms "Net Energy for Load," "Generator Owner" and "Generator Operator" (and any other Appendix 2 terms without **) from the scope of this SAR. If the team decides to pursue intentional definitional differences, it should consider doing so in a second phase of this project under a separate SAR. See additional comments on this topic in the PSEG response to question 5.	The drafting team agrees that the ROP terms marked with two asterisks [**] were originally taken from the Glossary. The drafting team will take this into consideration when it conducts an assessment because this is relevant to the definition history. For each cross-over term that is under consideration, the team will consider the full development history of both definitions (including whether the ROP version is marked with **), all FERC orders addressing the definition, all applications of the term in the ROP and Reliability Standards (and how any proposed revisions will affect these provisions), and any other relevant information regarding the definition development and application. Of note, the research and analysis may reveal that the two definitions are intended to be different and the definitions should remain as is-with differences-because of how each definition is applied (either in the ROP or Reliability Standards). Under these circumstances, the drafting team will not propose revisions to either defined term.
20	Kathleen Black – DTE Energy	Yes		Thank you for your support.

#	Commenter/ Organization	Y/N	Question 1 Comment	Drafting Team Response
21	Randall Hubbard – Southern Company Services, Inc.			
22	Shannon Mickens – Southwest Power Pool, Inc. (RTO)	Yes	We agree with the drafting team in reference to the 'Industry Need' outlined in the SAR. The interpretation of various terms can and has led to confusion amongst the industry and the application in several Reliability Standards. We would like to see more consistency across the board in reference to all 'cross-over' terms and their definitions listed in all pertinent documentation.	Thank you for your support.
23	Fuchsia Davis - Bonneville Power Administration			
24	John Merrell – Tacoma Public Utilities (Tacoma, WA)	Yes		Thank you for your support.
25	Ben Li – Independent Electricity System Operator	Yes		Thank you for your support.
26	John Bee – Exelon	Yes	Exelon Companies encourage the SDT to recommend that there be only one Glossary.	Thank you for your comment. The drafting team agrees that in some respects it would be easier to have one document containing all of the NERC defined terms. However, due to the differences in how the two sources are revised and the differences in how the terms are used, the team is not recommending that the two sources are combined. The drafting team notes that the defined terms included in the Glossary and ROP are applicable only with regard to the source in which they are defined (Glossary terms only apply to Reliability Standards, whereas ROP terms only apply to

#	Commenter/ Organization	Y/N	Question 1 Comment	Drafting Team Response
				provisions of the ROP). Given that the Reliability Standards and the ROP address very different subject matters and serve different purposes, the definitions are developed and maintained separately. Additionally, the process for revising Glossary terms is substantially different than for revising ROP terms. Glossary terms must be developed (and revised) in the same manner as Reliability Standards - by a drafting team and subject to industry ballot and approval (See Section 5 of the Standards Process Manual). On the other hand, revisions to the Rules of Procedure (including the defined terms found in Appendix 2) are undertaken through Section 1400 of the Rules of Procedure.

2. The SAR provides that the purpose of the project is,

> **"to align the defined terms found in the NERC Glossary of Terms (Glossary) and Rules of Procedure (ROP); and, provide recommendations to enhance the current process(es) to prevent future misalignment or inconsistencies in NERC defined terms."**

Do you agree with the purpose statement for the project? If not, please explain the basis for your disagreement and provide a recommended purpose statement for the project.

#	Commenter/ Organization	Y/N	Question 2 Comment	Drafting Team Response
1	Jeremy Voll – Basin Electric Power Cooperative			
2	Charles Yeung – Southwest Power Pool, Inc. (RTO)	No	The SAR is unclear regarding what process(es) the SDT is evaluating. To the extent that this is intended to evaluate or revise formal processes such as the NERC Standards Development Process, such should be indicated. Further, to the extent that this is intended to provide flexibility to develop additional processes (either formal or informal definition development processes), such should be clarified.	Thank you for your comments. As the drafting team completes the task of aligning the cross-over terms (Goal 1), it will identify how the differences between the two terms came to exist. There may be a number of reasons why one term is defined differently than the other. Some definition differences may be intentional and necessary given the manner in which it is used in the particular source (either ROP or Reliability Standards); other differences may be unintentional and appropriate for alignment. To the extent the drafting team identifies development process improvement opportunities during the course of aligning the cross-over terms, the team will provide these recommendations to the Standards Committee and NERC. Because of the early stage of the project, it is not possible to state with specificity what the process improvement recommendations will be, but only that they may relate to the manner in which NERC defined terms are developed, applied, maintained, revised, approved and/or retired.

#	Commenter/ Organization	Y/N	Question 2 Comment	Drafting Team Response
3	John Fontenot – Bryan Texas Utilities	Yes		Thank you for your support.
4	Dennis Minton – Florida Keys Electric Cooperative Assoc.			
5	Dennis Chastain – Tennessee Valley Authority	Yes		Thank you for your support.
6	Leonard Kula – Independent Electricity System Operator	Yes	Please see proposed additional scope under Q6.	Please see the drafting team response to Question 6.
7	Thomas Foltz – AEP	Yes		Thank you for your support.
8	Oliver Burke – Entergy Services, Inc.	Yes		Thank you for your support.
9	Emily Rousseau – MRO	Yes		Thank you for your support.
10	Christina Bigelow – Electric Reliability Council of Texas, Inc.	Yes		Thank you for your support.
11	Rachel Coyne – Texas Reliability Entity, Inc.	Yes		Thank you for your support.
12	Andrew Pusztai – American Transmission Company, LLC	Yes		Thank you for your support.
13	Louis Slade – Dominion Resources, Inc.	Yes		Thank you for your support.
14	Scott McGough –	No	• If changes are NOT necessary to align the terms or if the differences are appropriate, NERC	Please see the drafting team response to Question 1, No. 14.

#	Commenter/ Organization	Y/N	Question 2 Comment	Drafting Team Response
	Georgia System Operations Corporation		could modify the words or phrases in the ROP in a way to show that it is not the exact term as in the NERC Glossary. • Make changes in the ROP and not in the NERC Glossary.	
15	Lee Pedowicz – Northeast Power Coordinating Council	Yes		Thank you for your support.
16	Herb Schrayshuen	Yes		
17	Ben Engelby – ACES Power Marketing	Yes	While we agree with the purpose statement, we ask the drafting team to consider additional non-defined terms that are used in various glossary terms may need to be clarified to avoid confusion, such as "awareness," "control," "coordinate," "dispatch," and "operate," to name a few. If such definitions were developed, a careful review of their use in the existing standards and their impact would be needed to ensure the definitions only offer clarity and do not modify the standard. It would be helpful if the drafting team posted a list of defined terms during the next comment period for industry to provide feedback and additional terms to be reviewed and aligned.	Thank you for your comments. The drafting team appreciates your comment, however, the drafting team believes creating new defined terms is not the focus of this particular project. If you desire such an effort, we suggest you submit a SAR outlining your concerns and request for additional defined terms. As part of the project work, the drafting team will provide industry with a listing of the various cross-over terms that are being considered for revision by the drafting team.
18	Michael Lowman – Duke Energy	Yes		Thank you for your support.

#	Commenter/ Organization	Y/N	Question 2 Comment	Drafting Team Response
19	Christy Koncz – Public Service Enterprise Group	No	PSEG recommends the following redline changes, which are consistent with its response to question 1. "to align the cross-over terms defined terms found in the NERC Glossary of Terms (Glossary) and Appendix 2 of the Rules of Procedure (ROP); and, provide recommendations to enhance the current process(es) to prevent future misalignment or inconsistencies in NERC defined terms."	Thank you for your comments, however, the drafting team respectfully disagrees with your recommended changes since other definitions appear throughout the Rules of Procedure that may also be cross-over terms. For more information, please refer to the drafting team response to your Question No. 1, which addresses this same issue.
20	Kathleen Black – DTE Energy	Yes		Thank you for your support.
21	Randall Hubbard – Southern Company Services, Inc.			
22	Shannon Mickens – Southwest Power Pool, Inc. (RTO)	Yes		Thank you for your support.
23	Fuchsia Davis – Bonneville Power Administration			
24	John Merrell – Tacoma Public Utilities (Tacoma, WA)	No	Tacoma Power recommends the following modification: "to identify the defined terms found in the NERC Glossary of Terms (Glossary) and Rules of Procedure (ROP) that need to be aligned; and, provide recommendations to enhance the current process(es) to prevent	Thank you for your comments. As part of the project work, the drafting team will provide industry with a listing of the various cross-over terms that are being considered for revision by the drafting team. Any changes to the ROP and Glossary will be made in accordance with the

#	Commenter/ Organization	Y/N	Question 2 Comment	Drafting Team Response
			future misalignment or inconsistencies in NERC defined terms." Tacoma Power believes the industry needs to know the terms that will be subject to revision in order to correctly assess and comment on the SAR purpose, goals, objectives, and detailed description of the proposed revision process. Identifying the impacted terms is a necessary antecedent to drafting the purpose, goals, objectives, and detailed description because of the following: (1) Without a list of effected terms, it is not clear which resources and personnel will be needed to correctly analyze the proposed revisions; (2) without a list of effected terms, it is impossible to assess and evaluate the potential impact on existing policies, procedures, etc.	applicable revision process (See, ROP, Section 1400 and Standards Process Manual, Section 5). Also, please see response to Question 2 No. 2 for more information regarding the recommendations the drafting team may make in connection with this project.
25	Ben Li – Independent Electricity System Operator	No	The SAR is unclear regarding what process(es) the SDT is evaluating To the extent that this is intended to evaluate or revise formal processes such as the NERC Standards Development Process, such should be indicated. Further, to the extent that this is intended to provide flexibility to develop additional processes (either formal or informal definition development processes), such should be clarified.	Thank you for your comments. As the drafting team completes the task of aligning the cross-over terms (Goal 1), it will identify how the differences between the two terms came to exist. There may be a number of reasons why one term is defined differently than the other. Some definition differences may be intentional and necessary given the manner in which it is used in the particular source (either ROP or Reliability Standards); other differences may be unintentional and ripe for alignment. To the extent the drafting team identifies development process improvement opportunities during the course of aligning the cross-over terms, the team will provide these recommendations to the Standards Committee and NERC. Because of the early stage of the project, it is not possible

#	Commenter/ Organization	Y/N	Question 2 Comment	Drafting Team Response
				to state with specificity what the process improvement recommendations will be, but only that they may relate to the manner in which NERC defined terms are developed, applied, maintained, revised, approved and/or retired.
26	John Bee – Exelon	Yes		Thank you for your support.

3. The SAR identifies two goals for the project as follows:

Goal 1: For cross-over terms in the Glossary and ROP, identify differences and inconsistencies in the definition narrative and, where necessary, make revisions to align the terms. Proposed revisions to the Glossary will be undertaken through Section 5.0 of the Standard Processes Manual. Proposed revisions to the definitions included in the ROP will be undertaken through Section 1400 of the NERC ROP.

Goal 2: Assess the current process(es) in place for development and maintenance of defined terms, and provide recommendations to the Standards Committee (SC) and NERC regarding changes or improvements to the existing definition development process(es) to allow for future development of defined terms that are consistent and aligned.

Do you agree with the stated goals for the project? If not, please identify which goal(s) you do not agree with and provide a detailed description of your recommended goals for the project.

#	Commenter/ Organization	Y/N	Question 3 Comment	Drafting Team Response
1	Jeremy Voll – Basin Electric Power Cooperative			
2	Charles Yeung – Southwest Power Pool, Inc. (RTO)	No	Please refer to the SRC comment provided under Question 2.	Please refer to the drafting team response in Question 2, No. 2.
3	John Fontenot – Bryan Texas Utilities	Yes		Thank you for your support.
4	Dennis Minton – Florida Keys Electric Cooperative Assoc.			
5	Dennis Chastain – Tennessee Valley Authority	Yes		Thank you for your support.
6	Leonard Kula –	Yes	Please see proposed additional scope under Q6.	Please see response to Q6.

#	Commenter/ Organization	Y/N	Question 3 Comment	Drafting Team Response
	Independent Electricity System Operator			
7	Thomas Foltz – AEP	No	The phrases "where necessary, make revisions to align the terms" in Goal 1 and "if the differences are appropriate" in the objectives for Goal 1 both infer that there may be instances when inconsistent terms would be appropriate. Could the drafting team provide some scenarios to illustrate why inconsistencies would, in some cases, be acceptable?	Thank you for your comments. You are correct that there may be instances where inconsistent terms may be appropriate. While the drafting team will make every attempt to align the cross-over terms, there may be certain instances where an inconsistency remains because of the context in which the Glossary or the ROP uses the term. Through the development process the drafting team will identify each term under consideration, and to the extent the drafting team determines that inconsistencies should remain, the team will provide an explanation.
8	Oliver Burke – Entergy Services, Inc.	No	If a capitalized term is used in both the Glossary and the ROP, the Glossary definition should stand, and the ROP should be revised to use a different term, if the Glossary definition will not work for the usage of the term in the ROP. The Glossary terms all stood for a ballot by industry at one point in time, and NERC standards were approved at the time based on the then-understood Glossary definition of the term. NERC should change Glossary definitions of existing terms only rarely, and with great care, to avoid downstream chaos of mis-interpretation caused by having multiple vintage definitions of the same capitalized term by registered entities, compliance auditors, regional entities, NERC and FERC.	Thank you for your comments. The drafting team does not believe it is appropriate to make changes exclusively to the ROP. Under some circumstances, it may be more appropriate to make changes to the Glossary definition. As a result, the drafting team will review the cross-over terms and propose revisions on a case-by-case basis, making changes to the ROP or Glossary, as appropriate. For more information, see the drafting team response to Question 1, No. 14.
9	Emily Rousseau – MRO	Yes		Thank you for your support.
10	Christina Bigelow –	Yes		Thank you for your support.

#	Commenter/ Organization	Y/N	Question 3 Comment	Drafting Team Response
	Electric Reliability Council of Texas, Inc			
11	Rachel Coyne – Texas Reliability Entity, Inc.	Yes		Thank you for your support.
12	Andrew Pusztai – American Transmission Company, LLC	Yes		Thank you for your support.
13	Louis Slade – Dominion - Dominion Resources, Inc.	Yes		Thank you for your support.
14	Scott McGough – Georgia System Operations Corporation	No	• If changes are NOT necessary to align the terms or if the differences are appropriate, NERC could modify the words or phrases in the ROP in a way to show that it is not the exact term as in the NERC Glossary. • Make changes in the ROP and not in the NERC Glossary.	Please see the drafting team response to Question 1, No. 14.
15	Lee Pedowicz – Northeast Power Coordinating Council	Yes		Thank you for your support.
16	Herb Schrayshuen	Yes		Thank you for your support.
17	Ben Engelby – ACES Power Marketing	Yes	Regarding Goal 1, what would happen if the ROP changes receive different comments than the standards posting? These are two separate processes, and it may be necessary to consider a streamlined process to make consistent language changes between the NERC Glossary and the Rules of Procedure. If there is a new process introduced in this project, it could be used if any misaligned terms are identified in the future.	Thank you for your comment. The drafting team understands your concern with regard to the separate processes in place for making revisions to the Glossary and ROP. All proposed revisions to the Glossary terms will be made in accordance with the Standards Process Manual (Section 5). All proposed revisions to the ROP will be made in accordance with Section 1400 of the ROP.

#	Commenter/ Organization	Y/N	Question 3 Comment	Drafting Team Response
				With regard to the process-improvement recommendations: As the drafting team completes the task of aligning the cross-over terms (Goal 1), it will identify how the differences between the two terms came to exist. There may be a number of reasons why one term is defined differently than the other. Some definition differences may be intentional and necessary given the manner in which it is used in the particular source (either ROP or Reliability Standards); other differences may be unintentional and ripe for alignment. To the extent the drafting team identifies development process improvement opportunities during the course of aligning the cross-over terms, the team will provide these recommendations to the Standards Committee and NERC. Because of the early stage of the project, it is not possible to state with specificity what the process improvement recommendations will be, but only that they may relate to the manner in which NERC defined terms are developed, applied, maintained, revised, approved and/or retired.
18	Michael Lowman – Duke Energy	No	Duke Energy suggests adding to the scope of the project those definitions within the NERC standards, Standard only definitions, that are inconsistent with the NERC Glossary of Term or Rules of Procedure (ROP). This would reduce the amount confusion within the industry if those identified definitions are consistent with the NERC Glossary of Terms and the ROP.	Thank you for your comments. The drafting team agrees that the standard-only defined terms may create confusion or lead to inconsistencies. The drafting team will identify any standard-only defined terms and to the extent the ROP defines the term, it will be considered a "cross-over term" ripe for alignment, if appropriate. Also, the drafting team notes that as part of Goal 2,the drafting team will assess the current processes in place for development and maintenance of defined terms, and provide recommendations to the Standards Committee (SC) regarding improvements to the definition

#	Commenter/ Organization	Y/N	Question 3 Comment	Drafting Team Response
				development process. The drafting team will consider a recommendation regarding standard-only defined terms.
19	Christy Koncz – Public Service Enterprise Group	No	To ensure that only Appendix 2 definitions are addressed, PSEG recommends this redline change to Goal 1: **Goal 1**: For cross-over terms in the Glossary and ROP Appendix 2, identify differences and inconsistencies in the definition narrative and, where necessary, make revisions to align the terms. Proposed revisions to the Glossary will be undertaken through Section 5.0 of the Standard Processes Manual. Proposed revisions to the definitions included in the ROP will be undertaken through Section 1400 of the NERC ROP.	Thank you for your comment. Please see the drafting team response to your earlier comment (Question 1, No. 19), which addresses this issue.
20	Kathleen Black – DTE Energy	Yes		Thank you for your support.
21	Randall Hubbard – Southern Company Services, Inc.			
22	Shannon Mickens – Southwest Power Pool, Inc. (RTO)	Yes		Thank you for your support.
23	Fuchsia Davis – Bonneville Power Administration			
24	John Merrell – Tacoma Public Utilities (Tacoma, WA)	No	Tacoma Power recommends the following modification to Goal 1: "For cross-over terms in the Glossary and ROP, identify differences and inconsistencies in the definition narrative. Where necessary, revisions to align the terms	Thank you for your comment. As outlined in response to your comment above (Question 2 No. 24), the drafting team will provide the industry with a listing of the

#	Commenter/ Organization	Y/N	Question 3 Comment	Drafting Team Response
			will be addressed as part of a subsequent revision to the SAR." Tacoma Power believes the industry needs to know the terms that will be subject to revision in order to correctly assess and comment on the SAR purpose, goals, objectives, and detailed description of the proposed revision process. Identifying the impacted terms is a necessary antecedent to drafting the purpose, goals, objectives, and 2detailed description because of the following: (1) Without a list of effected terms, it is not clear which resources and personnel will be needed to correctly analyze the proposed revisions; (2) without a list of effected terms, it is impossible to assess and evaluate the potential impact on existing policies, procedures, etc. Tacoma Power recommends the following modification to Goal 2: "Assess the current process(es) in place for development and maintenance of defined terms, and provide recommendations to the Standards Committee (SC) and NERC regarding changes or improvements to the existing definition development process(es) to allow for future development of defined terms that are consistent and aligned and to define a process for how future identified inconsistencies are handled." The revised verbiage would address cases that might be overlooked by Project 2015-04.	various cross-over terms that are being considered for revision by the drafting team. As the drafting team completes the task of aligning the cross-over terms (Goal 1), it will identify how the differences between the two terms came to exist. There may be a number of reasons why one term is defined differently than the other. Some definition differences may be intentional and necessary given the manner in which it is used in the particular source (either ROP or Reliability Standards); other differences may be unintentional and ripe for alignment. To the extent the drafting team identifies development process improvement opportunities during the course of aligning the cross-over terms, the team will provide these recommendations to the Standards Committee and NERC. Because of the early stage of the project, it is not possible to state with specificity what the process improvement recommendations will be, but only that they may relate to the manner in which NERC defined terms are developed, applied, maintained, revised, approved and/or retired.
25	Ben Li – Independent Electricity System Operator	No	Please refer to the SRC comment provided under Question 2.	Please refer to response to Question 2.
26	John Bee – Exelon	Yes		Thank you for your support.

4. The stated objectives for the project are as follows:

1. **For Goal 1: For existing cross-over terms that are inconsistent, evaluate whether changes are necessary to align the terms or if the differences are appropriate. This would include, but is not limited to, ensuring the content, substance, capitalization, formatting and other differences are reconciled. If changes are appropriate, propose revisions to the defined term(s) for industry approval.**

2. **For Goal 1: For cross-over definitions that contain inconsistencies or differences and that are currently under revision, board approved, or pending regulatory approval, evaluate whether changes are necessary to align the terms or if the differences are appropriate. If changes are appropriate, propose revisions to the defined term(s) for industry approval.**

3. **For Goal 2: Assess the current process(es) in place for development and maintenance of defined terms, and provide recommendations to the SC and NERC regarding changes or improvements to the existing definition development process(es) to allow for future development of defined terms that are consistent and aligned.**

Do you agree with these stated objectives? If you do not agree, please explain the basis for your disagreement and provide a detailed description of your recommended objectives for the project.

Summary Consideration:

#	Commenter/ Organization	Y/N	Question 4 Comment	Drafting Team Response
1	Jeremy Voll – Basin Electric Power Cooperative			
2	Charles Yeung – Southwest Power Pool, Inc. (RTO)	No	Please refer to the SRC comment provided under Question 2 and 3.	Please refer to response to Question 2 and 3.
3	John Fontenot – Bryan Texas Utilities	Yes		Thank you for your support.
4	Dennis Minton –			

#	Commenter/ Organization	Y/N	Question 4 Comment	Drafting Team Response
	Florida Keys Electric Cooperative Assoc.			
5	Dennis Chastain – Tennessee Valley Authority	Yes		Thank you for your support.
6	Leonard Kula – Independent Electricity System Operator	Yes	Please see proposed additional scope under Q6.	Please see response to Q6.
7	Thomas Foltz – AEP	No	The phrases "where necessary, make revisions to align the terms" in Goal 1 and "if the differences are appropriate" in the objectives for Goal 1 both infer that there may be instances when inconsistent terms would be appropriate. Could the drafting team provide some scenarios to illustrate why inconsistencies would, in some cases, be acceptable?	Please refer to the drafting team response to Question 3 No. 7.
8	Oliver Burke – Entergy Services, Inc.	Yes	See note to Question 3, which could be considered a 4th goal of this SAR/development effort.	Please see response to Question 3.
9	Emily Rousseau – MRO	Yes		Thank you for your support.
10	Christina Bigelow – Electric Reliability Council of Texas, Inc.	Yes		Thank you for your support.
11	Rachel Coyne – Texas Reliability Entity, Inc.	Yes		Thank you for your support.
12	Andrew Pusztai – American Transmission Company, LLC	Yes	**Clarifying Comment regarding Item #2 For Goal 1 above**: States, "*For cross-over definitions that contain inconsistencies or differences and that are currently under revision, board approved,…*" ATC questions whether the SDT possibly have inserted a gap	Thank you for your comment. For Goal 1, Item 2, the drafting team will consider cross-over terms that are not currently aligned, or may not be aligned in the future, as a result of (1) current development projects that are considering revising existing cross-over terms, (2) revisions to cross-

#	Commenter/ Organization	Y/N	Question 4 Comment	Drafting Team Response
			by referring to "board approved" which should be stated more correctly as "*Reliability Standards that have been approved by FERC and currently enforced", as part of the SAR Objectives. This project should be evaluating the impact that any changes to the defined terms may have on the existing Standards and ATC recommends the objective be revised to address this potential gap.*	over terms that are board-approved and pending FERC approval; and, (3) revisions to cross-over terms that are FERC approved, but not yet effective or enforceable. The drafting team agrees that in determining whether revisions should be made to cross-over terms, the team should evaluate the impact any revisions would have on existing Reliability Standards.
13	Louis Slade – Dominion - Dominion Resources, Inc.	Yes		Thank you for your support.
14	Scott McGough – Georgia System Operations Corporation	No		
15	Lee Pedowicz – Northeast Power Coordinating Council	No	Items 1 and 2 can be combined to read: 1. **For Goal 1**: For existing cross-over terms, and cross-over terms that are currently under revision, board approved, or pending regulatory approval that are inconsistent, evaluate whether changes are necessary to align the terms or if the differences are appropriate. This would include, but is not limited to, ensuring the content, substance, capitalization, formatting and other differences are reconciled. If changes are appropriate, propose revisions to the defined term(s) for industry approval.	Thank you for your comment. The drafting team identified the two items separately in order to provide greater clarity. Additionally, resolution of the issues may be implemented differently for the items included in Objectives 1 and 2.
16	Herb Schrayshuen	Yes		Thank you for your support.
17	Ben Engelby – ACES Power Marketing	Yes	We agree with the objectives as written.	Thank you for your support.

#	Commenter/ Organization	Y/N	Question 4 Comment	Drafting Team Response
18	Michael Lowman - Duke Energy	No	Duke Energy suggests adding the following revisions for Goal 2: "3. For Goal 2: Assess the current process(es) in place for development and maintenance of defined terms, and provide recommendations to the SC and NERC regarding changes or improvements to the existing definition development process(es) , if any, to allow for future development of defined terms that are consistent and aligned or propose such a process if one does not exist." We believe the scope of the project for Goal 2 should be to not only revises current processes, but also to develop any additional process(es) necessary regarding changes or improvements to existing and future NERC defined terms. If our recommendation to review standard definitions is accepted, Duke Energy suggests the following revisions to Goal 1: "1. For Goal 1: For existing cross-over terms that are inconsistent, either within a standard or in the NERC Glossary of Terms, evaluate whether changes are necessary to align the terms or if the differences are appropriate. This would include, but is not limited to, ensuring the content, substance, capitalization, formatting and other differences are reconciled. If changes are appropriate, propose revisions to the defined term(s) for industry approval. 2. For Goal 1: For cross-over definitions that contain inconsistencies or differences and that are currently under revision, , either within a standard or in the NERC Glossary of	Thank you for your comment. The drafting team agrees that the process improvement recommendations could include changes to the existing processes and development of new processes, if appropriate. As the drafting team completes the task of aligning the cross-over terms (Goal 1), it will identify how the differences between the two terms came to exist. There may be a number of reasons why one term is defined differently than the other. Some definition differences may be intentional and necessary given the manner in which it is used in the particular source (either ROP or Reliability Standards); other differences may be unintentional and ripe for alignment. To the extent the drafting team identifies development process improvement opportunities during the course of aligning the cross-over terms, the team will provide these recommendations to the Standards Committee and NERC. Because of the early stage of the project, it is not possible to state with specificity what the process improvement recommendations will be, but only that they may relate to the manner in which NERC defined terms are developed, applied, maintained, revised, approved and/or retired.

#	Commenter/ Organization	Y/N	Question 4 Comment	Drafting Team Response
			Terms, board approved, or pending regulatory approval, evaluate whether changes are necessary to align the terms or if the differences are appropriate. If changes are appropriate, propose revisions to the defined term(s) for industry approval."	
19	Christy Koncz – Public Service Enterprise Group	Yes	We agree with the objectives, provided that the substance of our comments in questions 1, 2, and 3 are adopted.	Thank you for your support. Please see the drafting team response to your Questions 1, 2 and 3.
20	Kathleen Black – DTE Energy	Yes		Thank you for your support.
21	Randall Hubbard – Southern Company Services, Inc.	No	Please see proposed wording in **bold**: For Goal 1: For existing cross-over terms that are inconsistent, evaluate whether changes ***to such terms*** are necessary to align the terms or if the differences are appropriate. This would include, but is not limited to, ensuring the content, substance, capitalization, formatting and other differences are reconciled. If changes are appropriate, propose revisions to the defined term(s) for industry approval. For Goal 1: For cross-over definitions that contain inconsistencies or differences and that are currently under revision, board approved, or pending regulatory approval, evaluate whether changes ***to such definitions*** are necessary to align the terms or if the differences are appropriate. If changes are appropriate, propose revisions to the defined term(s) for industry approval.	Thank you for your comment. The drafting team believes the suggested language is implied in the current language and no additional clarity is needed.
22	Shannon Mickens - Southwest Power Pool, Inc. (RTO)	Yes		Thank you for your support.

#	Commenter/ Organization	Y/N	Question 4 Comment	Drafting Team Response
23	Fuchsia Davis - Bonneville Power Administration -			
24	John Merrell - Tacoma Public Utilities (Tacoma, WA)	No	Tacoma Power recommends the following modification to the first objective: "Identify existing cross-over terms that are inconsistent and evaluate whether changes are necessary to align the terms or if the differences are appropriate. If changes are appropriate, seek industry approval to revise the SAR to authorize revisions to the identified defined term(s)." Tacoma Power believes the industry needs to know the terms that will be subject to revision in order to correctly assess and comment on the SAR purpose, goals, objectives, and detailed description of the proposed revision process. Identifying the impacted terms is a necessary antecedent to drafting the purpose, goals, objectives, and detailed description because of the following: (1) Without a list of effected terms, it is not clear which resources and personnel will be needed to correctly analyze the proposed revisions; (2) without a list of effected terms, it is impossible to assess and evaluate the potential impact on existing policies, procedures, etc. Tacoma Power recommends the following modification to the second objective: "Identify cross-over definitions that contain inconsistencies or differences and that are currently under revision, board approved, or pending regulatory approval and evaluate whether changes are necessary to align the terms or if the differences are appropriate. If changes are appropriate, seek industry approval to revise the SAR to authorize revisions to the defined term(s)." Tacoma Power believes the industry needs to know the terms that will be subject to revision in order to correctly assess and comment on the SAR purpose,	Thank you for your comment. The drafting team addressed your concerns in response to Question 3, No. 4.

#	Commenter/ Organization	Y/N	Question 4 Comment	Drafting Team Response
			goals, objectives, and detailed description of the proposed revision process. Identifying the impacted terms is a necessary antecedent to drafting the purpose, goals, objectives, and detailed description because of the following: (1) Without a list of effected terms, it is not clear which resources and personnel will be needed to correctly analyze the proposed revisions; (2) without a list of effected terms, it is impossible to assess and evaluate the potential impact on existing policies, procedures, etc. Tacoma Power recommends the following modification to the third objective: "Assess the current process(es) in place for development and maintenance of defined terms, and provide recommendations to the SC and NERC regarding changes or improvements to the existing definition development process(es) to allow for future development of defined terms that are consistent and aligned and to define a process for how future identified inconsistencies are handled." The revised verbiage would address cases that might be overlooked by Project 2015-04.	
25	Ben Li – Independent Electricity System Operator	No	For Goal 2, please refer to the comments to Questions (2) and (3).	Please refer to the drafting team response to your Question 2 and 3.
26	John Bee – Exelon	Yes		Thank you for your support.

5. **The "Detailed Description" section of the SAR provides a non-exhaustive, illustrative listing of the types of work that will be undertaken by the drafting team. Do you agree with the "Detailed Description" section of the SAR? If you do not agree with the description of the work that will be undertaken by the drafting team, please state the basis for your disagreement and provide a detailed description of what work you believe should be undertaken.**

Summary Consideration:

#	Commenter/ Organization	Y/ N	Question 5 Comment	Drafting Team Response
1	Jeremy Voll – Basin Electric Power Cooperative			
2	Charles Yeung – Southwest Power Pool, Inc. (RTO)	No	The SAR discusses reviews regarding consistency between defined terms that are capitalized and similar terms that are not, the SRC respectfully requests that the SDT take the totality of the potential impacts to standards into consideration when proposing modifications to defined terms and/or lower-cased terms. If such changes are not thoroughly evaluated for all potential impacts, unintended consequences may result. As depicted in the Standards Process Manual, all new or revised definitions must go through the same vetting process as new/revised standards, i.e., they need to be posted for comment then balloted.	Thank you for your comments. The drafting team agrees that it should take the totality of potential impacts into consideration before proposing revisions to cross-over terms. For each cross-over term that is under consideration, the drafting team will conduct an analysis to assess which definition narrative should be revised. The team will consider the full development history of both definitions, all FERC orders addressing the definition, all applications of the term in the ROP and Reliability Standards (and how any proposed revisions will affect these provisions), and any other relevant information regarding the definition development and application. The research and analysis may reveal that the two definitions are intended to be different and the definitions should remain as is-with differences-because of how each definition is applied (either in the ROP or Reliability Standards).

#	Commenter/ Organization	Y/ N	Question 5 Comment	Drafting Team Response
				Under these circumstances, the drafting team will not propose revisions to either defined term. Additionally, the drafting team notes that it will follow the appropriate process for proposing revisions to Glossary terms (Section 5 of the Standards Process Manual) and the ROP (Section 1400 of the ROP).
3	John Fontenot – Bryan Texas Utilities	Yes		Thank you for your support.
4	Dennis Minton – Florida Keys Electric Cooperative Assoc.			
5	Dennis Chastain – Tennessee Valley Authority	Yes		Thank you for your support.
6	Leonard Kula – Independent Electricity System Operator	Yes	Please see proposed additional scope under Q6.	Thank you for your support.
7	Thomas Foltz – AEP	Yes		Thank you for your support.
8	Oliver Burke – Entergy Services, Inc.	Yes		Thank you for your support.
9	Emily Rousseau – MRO	Yes		Thank you for your support.
10	Christina Bigelow – Electric Reliability Council of Texas, Inc.	Yes		Thank you for your support.

#	Commenter/ Organization	Y/ N	Question 5 Comment	Drafting Team Response
11	Rachel Coyne – Texas Reliability Entity, Inc.	Yes		Thank you for your support.
12	Andrew Pusztai – American Transmission Company, LLC	Yes		Thank you for your support.
13	Louis Slade – Dominion Resources, Inc.	Yes		Thank you for your support.
14	Scott McGough – Georgia System Operations Corporation	No	• If changes are NOT necessary to align the terms or if the differences are appropriate, NERC could modify the words or phrases in the ROP in a way to show that it is not the exact term as in the NERC Glossary. • Make changes in the ROP and not in the NERC Glossary.	Please see the drafting team response to this issue in Question 1, No. 14.
15	Lee Pedowicz – Northeast Power Coordinating Council	No	The impact of Paragraph 81 must be considered.	Thank you for your comments. As part of the work related to Goal 2, the drafting team will identify recommendations for improving the definition development processes in the Glossary and/or the ROP. This may include a recommendation for a comprehensive review of the existing Glossary and ROP defined terms to determine whether any terms should be retired. The drafting team encourages you to attend the drafting team meetings as an observer and provide any specific recommendations to the team as they continue their work on this project.
16	Herb Schrayshuen	No	Coordination with the terms in the functional model documents should be undertaken in conjunction with this effort.	Thank you for your comments. The drafting team work will focus on aligning the cross-over terms in the Glossary and ROP. The Functional Model

#	Commenter/ Organization	Y/ N	Question 5 Comment	Drafting Team Response
				Advisory Group will be provided with the results of the drafting team work, so that appropriate changes can be made to the Functional Model.
17	Ben Engelby – ACES Power Marketing	No	The examples listed were appropriate terms to align. In addition to already defined NERC standards, it would be helpful for the drafting team to develop or make recommendations to develop future definitions for certain NERC Glossary Terms, such as but not limited to "Generator Interconnection" or "Systematic Approach to Training." If such definitions were developed, a careful review of their use in the existing standards and their impact would be needed to ensure the definitions only offer clarity and do not modify the standard.	Thank you for your comments. The drafting team refers you to the response to your Question 2, No. 7, which addresses this issue.
18	Michael Lowman – Duke Energy	Yes		Thank you for your support.
19	Christy Koncz – Public Service Enterprise Group	No	Intentional differences may exist between identical terms defined in Appendix 2 and the NERC Glossary. Differences are assumed to be intentional if the Appendix 2 definition does not have the ** mark which indicates it is taken from the NERC Glossary. Goal 2's objective (identifying process improvements "to allow for future development of defined terms that are consistent and aligned") cannot be achieved if definitional differences are intentional. <u>If the team decides to pursue intentional definitional differences, it should consider doing so in a second phase of this project under a separate SAR.</u> For phase 2, the project	Thank you for your comments. The drafting team agrees that intentional differences may exist between the definition narratives of cross-over terms, and the team will take this into consideration before proposing revisions to cross-over terms. For each cross-over term that is under consideration, the drafting team will conduct an analysis to assess which definition narrative should be revised. The team will consider the full development history of both definitions, all FERC orders addressing the definition, all applications of the term in the ROP and Reliability Standards (and how any proposed revisions will affect these provisions), and any other relevant information regarding the definition

#	Commenter/ Organization	Y/ N	Question 5 Comment	Drafting Team Response
			team should prepare a list of all Appendix 2 terms *not* marked with a ** and NERC Glossary terms which are identical in name but which are defined differently. This list should then be provided to NERC since they prepare ROP filings. NERC Legal could serve as a point of contact. If NERC desires a change in a NERC Glossary term, they should provide the particulars that support the NERC Glossary term change to the project team for its action. Two examples of Appendix 2 definitions that are intentionally different from their NERC Glossary counterparts are discussed below. • The two sentences in the "Detailed Description" section of the SAR that discuss the "Net Energy for Load" (NEL) definition should be deleted. NEL is used in ROP Section 1100 – Annual NERC Business Plans and Budgets to allocate NERC and Regional Costs to Load-Serving Entities. • The last paragraph in the "Detailed Description" section of the SAR that addresses Generator Owner and Generator Operator should be deleted. In the Risk-Based Registration proceeding in Docket No. 15-4-000, FERC approved changes to the Appendix 2 definitions of Generator Owner and Generator Operator. In that same proceeding, NERC made changes in Appendix 5A - Organization Registration and Certification Manual. The "before" and "after" language from Section II of Appendix 5A is shown below.	development and application. The research and analysis may reveal that the two definitions are intended to be different and the definitions should remain as is-with differences-because of how each definition is applied (either in the ROP or Reliability Standards). Under these circumstances, the drafting team will not propose revisions to either defined term. Additionally, the drafting team notes that it will follow the appropriate process for proposing revisions to Glossary terms (Section 5 of the Standards Process Manual) and the ROP (Section 1400 of the ROP).

#	Commenter/ Organization	Y/ N	Question 5 Comment	Drafting Team Response
			Before: **Organization Registration – Entities Required to Register** All industry participants responsible for one or more of the functions below must register for each function through the Organization Registration Program. These entities are defined in the Glossary of Terms with responsibilities designated by the individual Reliability Standards and the NERC *Statement of Compliance Registry Criteria* document. **After:** **Organization Registration – Entities Required to Register** All industry participants responsible for one or more of the functions below must register for each function through the Organization Registration Program. These entities are defined in the NERC *Statement of Compliance Registry Criteria*. Prior to the change to Appendix 5A, NERC Glossary Terms <u>were</u> used for registration functions; however, after the change, this linkage no longer exists. NERC stated the following in its January 26, 2015 comments in RR15-4-000 (at 6): "NERC further notes that there is no basis in Commission precedent for the PSEG Companies' argument that definitions in the NERC Glossary and the NERC Statement of Compliance Registry Criteria and Appendix 2 must be identical. In fact, the Commission has approved amendments to the Rules of Procedure with those sections retaining	

#	Commenter/ Organization	Y/ N	Question 5 Comment	Drafting Team Response
			their respective terms. There is no need for the Commission to address or resolve this matter in the instant docket.[24] ” [24] See e.g., Project 2015-04 Alignment of NERC Glossary of Terms and Definitions Used in “the Rules of Procedure (Appendix 2 of the Rules of Procedure).	
20	Kathleen Black – DTE Energy	Yes		Thank you for your support.
21	Randall Hubbard - Southern Company Services, Inc.			
22	Shannon Mickens - Southwest Power Pool, Inc.	Yes		Thank you for your support.
23	Fuchsia Davis - Bonneville Power Administration			
24	John Merrell – Tacoma Public Utilities (Tacoma, WA)	No	Please refer to Tacoma Power’s comments on Questions 2-4. Specifically, Tacoma Power believes the Detailed Description should include a complete list of identified cross-over terms that are inconsistent and that require changes to align the terms. This would require a two-step process. The first step would be identification. The second step would be authorization to proceed with proposing revisions. The basis for suggesting this two-step approach is that the industry needs to know the terms that will be subject to revision in order to correctly assess and comment on the SAR purpose, goals, objectives, and detailed description of the proposed revision process. Identifying the impacted terms is a	Thank you for your comment. Please refer to the drafting team response to Question 2, 3, and 4, which addresses this issue.

#	Commenter/ Organization	Y/ N	Question 5 Comment	Drafting Team Response
			necessary antecedent to drafting the purpose, goals, objectives, and detailed description because of the following: (1) Without a list of effected terms, it is not clear which resources and personnel will be needed to correctly analyze the proposed revisions; (2) without a list of effected terms, it is impossible to assess and evaluate the potential impact on existing policies, procedures, etc.	
25	Ben Li – Independent Electricity System Operator	No	The SAR discusses reviews regarding consistency between defined terms that are capitalized and similar terms that are not, the SRC respectfully requests that the SDT take the totality of the potential impacts to standards into consideration when proposing modifications to defined terms and/or lower-cased terms. If such changes are not thoroughly evaluated for all potential impacts, unintended consequences may result. As depicted in the Standards Process Manual, all new or revised definitions must go through the same vetting process as new/revised standards, i.e., they need to be posted for comment then balloted.	Thank you for your comments. The drafting team agrees that it should take the totality of potential impacts into consideration before proposing revisions to cross-over terms. For each cross-over term that is under consideration, the drafting team will conduct an analysis to assess which definition narrative should be revised. The team will consider the full development history of both definitions, all FERC orders addressing the definition, all applications of the term in the ROP and Reliability Standards (and how any proposed revisions will affect these provisions), and any other relevant information regarding the definition development and application. The research and analysis may reveal that the two definitions are intended to be different and the definitions should remain as is-with differences-because of how each definition is applied (either in the ROP or Reliability Standards). Under these circumstances, the drafting team will not propose revisions to either defined term.
26	John Bee – Exelon	Yes		

6. If you have additional comments on this SAR that you have not provided in your above responses, please provide them here:

Summary Consideration:

#	Commenter/ Organization	Y/N	Question 6 Comment	Drafting Team Response
1	Jeremy Voll – Basin Electric Power Cooperative			
2	Charles Yeung – Southwest Power Pool, Inc. (RTO)	Yes	Comments: The SRC recommends clarifying the scope of the SAR to ensure consistency of terms across all important documents that form the basis for Reliability Standards development. In particular, the Functional Model, which is captured in Appendix 5 to the ROP, also exists outside of the ROP. As it provides the framework for the development and applicability of NERC's Reliability Standards, the SRC suggests that the purpose statement, scope of work, goals and detail description of work clarify whether the SDT is intending to include reviewing terms defined in the Functional Model, and ensuring consistency across the Glossary, ROP and Functional Model.	Thank you for your comments. The drafting team agrees that to the extent possible, there should be consistency of terminology across NERC documents. The drafting team work for Project 2015-04 will focus on aligning the cross-over terms in the Glossary and ROP. The Functional Model Advisory Group will be provided with the results of the drafting team work, so that appropriate changes can be made to the Functional Model.
3	John Fontenot – Bryan Texas Utilities	No		
4	Dennis Minton – Florida Keys Electric Cooperative Assoc.			
5	Dennis Chastain – Tennessee Valley Authority			
6	Leonard Kula –	Yes	We agree with all of the above, but believe that the scope of this project falls a bit short of ensuring consistency of terms	Thank you for your comments. The drafting team agrees that to the extent possible, there should be

#	Commenter/ Organization	Y/N	Question 6 Comment	Drafting Team Response
	Independent Electricity System Operator		across all important documents that form the basis for Reliability Standards development. The Functional Model, though not required to be approved by regulatory authorities, provides the framework for the development and applicability of NERC's Reliability Standards. We therefore suggest that the purpose statement, scope of work, goals and detail description of work be expanded to include reviewing terms defined in the Functional Model, and ensuring consistency across the Glossary, ROP and Functional Model.	consistency of terminology across all important NERC documents. The drafting team work for Project 2015-04 will focus on aligning the cross-over terms in the Glossary and ROP. The Functional Model Advisory Group will be provided with the results of the drafting team work, so that appropriate changes can be made to the Functional Model.
7	Thomas Foltz – AEP	Yes	In addition to the potential inconsistencies identified in NERC's glossary and ROP, there are many other inconsistencies between the terms used by NERC and the RTOs. Though we realize this the scope of project is limited to the terms used solely within NERC, we also believe there is a need to examine and ensure the consistency of terms between NERC and the RTOs.	Thank you for your comments. The drafting team agrees that to the extent possible, there should be consistency of terminology across NERC documents. The drafting team work for Project 2015-04 will focus on aligning the cross-over terms in the Glossary and ROP. Other working groups will be provided with the results of the drafting team work, so that appropriate changes can be made to the appropriate documents.
8	Oliver Burke – Entergy Services, Inc.	Yes	Registered entities must be able to depend on the published definitions for terms used in reliability standards. One important step in that direction would be to avoid re-defining Glossary terms once they are entered into the Glossary the first time. If that is not possible, a new term could be coined, possibly. If a term *must* be redefined, then every requirement in every standard that uses that term (or a derivative term*) should be put up for ballot again. • Example: "Adverse Reliability Impact" has two defined terms in its definition in the Glossary: "Bulk Electric System" and "Cascading".	Thank you for your comment. The drafting team agrees with your statement that entities must be able to depend on the FERC-approved definitions of terms. The drafting team intends to provide suggestions to the Standards Committee associated with your concern. It will be the decision of the Standards Committee regarding how to best proceed with the drafting team recommendations.

#	Commenter/ Organization	Y/N	Question 6 Comment	Drafting Team Response
			Adverse Reliability Impact: 8/4/2011, The impact of an event that results in **Bulk Electric System** instability or **Cascading**. **Bulk Electric System**2: Unless modified by the lists shown below, all **Transmission Elements** operated at 100 kV or higher and **Real Power** and **Reactive Power** resources connected at 100 kV or higher. This does not include facilities used in the local distribution of electric energy. Inclusions: · I1 - Transformers with the primary terminal and at least one secondary terminal operated at 100 kV or higher unless excluded under Exclusion E1 or E3. · I2 - Generating resource(s) with gross individual nameplate rating greater than 20 MVA or gross plant/facility aggregate nameplate rating greater than 75 MVA including the generator terminals through the high-side of the step-up transformer(s) connected at a voltage of 100 kV or above. · I3 - **Blackstart Resources** identified in the **Transmission Operator's** restoration plan. · I4 - Dispersed power producing resources with aggregate capacity greater than 75 MVA (gross aggregate nameplate rating) utilizing a system designed primarily for aggregating capacity, connected at a common point at a voltage of 100 kV or above. [The remainder of this definition was truncated, as this is only for illustrative purposes.] **Cascading**: 2/8/2005, 3/16/2007: The uncontrolled successive loss of system elements triggered by an	

#	Commenter/ Organization	Y/N	Question 6 Comment	Drafting Team Response
			incident at any location. Cascading results in widespread electric service interruption that cannot be restrained from sequentially spreading beyond an area predetermined by studies. If this definition of "Cascading" was changed, then every standard that references "Cascading" and every standard which references "Adverse Reliability Impact" should be re-balloted with the new definition. Also, NERC should consider whether it is possible to adopt a new policy for updating the Glossary to require that new or revised definitions must avoid using Glossary-defined terms as part of the definitions of other Glossary terms. This could limit the confusion going forward. Some usage of defined terms will be unavoidable (such as BES), but others may be possible to avoid.	
9	Emily Rousseau – MRO	No		
10	Christina Bigelow - Electric Reliability Council of Texas, Inc.	No		
11	Rachel Coyne – Texas Reliability Entity, Inc.	No		
12	Andrew Pusztai – American Transmission Company, LLC			

#	Commenter/ Organization	Y/N	Question 6 Comment	Drafting Team Response
13	Louis Slade - Dominion - Dominion Resources, Inc.	Yes	Page 1 - SAR Requestor Information; Dominion suggests adding the SAR DT chair name and the NERC staffers name behind their phone numbers, for completeness. Dominion does not agree with "N/A" in column labeled "Standard No." in the box labeled "Related Standards" (page 6 of the SAR). We would prefer it indicate "as applicable" with the explanation "as applies to standards that contain terms defined in the NERC Glossary of Terms".	Thank you for your comment. The drafting team roster and contact information can be located on the Project 2015-04 project page. The drafting team will not revise any Reliability Standards in the course of its work. The team will propose revisions to defined terms contained in the Glossary or ROP.
14	Scott McGough – Georgia System Operations Corporation			
15	Lee Pedowicz - Northeast Power Coordinating Council	Yes	Any effort to line up the NERC Glossary of Terms which are used in Standards, with the Rules of Procedure definitions should include an effort to at least identify inconsistencies with terms found in the NERC Functional Model Version 6 and notify the Functional Model Advisory Group of any such inconsistencies. On page 1 in the SAR Requester Information section suggest adding the SAR Drafting Team chair's name and the NERC Staffer's name behind their phone numbers for completeness. In the section labeled "Related Standards" on page 6 of the SAR suggest replacing the "N/A" in the column entitled "Standard No." with "as applicable". The concomitant entry in the Explanation column to be added would be "as applies to standards that contain terms defined in the NERC Glossary of Terms". The NERC *Glossary of Terms* are voted on by industry, approved	Thank you for your comments. The drafting team agrees that to the extent possible, there should be consistency of terminology across NERC documents. The drafting team work for Project 2015-04 will focus on aligning the cross-over terms in the Glossary and ROP. The Functional Model Advisory Group will be provided with the results of the drafting team work, so that appropriate changes can be made to the Functional Model. The drafting team roster and contact information can be located on the Project 2015-04 project page. With regard to the "Related Standards" section: The drafting team will not revise any Reliability Standards in the course of its work. The team will

#	Commenter/ Organization	Y/N	Question 6 Comment	Drafting Team Response
			by the NERC BOT, and approved by FERC. The NERC ROP changes are only adopted by the NERC BOT (with input from the MRC), and are approved by FERC. Also, the NERC *Glossary of Terms* applies to NERC Reliability Standards. These standards are auditable, enforceable and sanction-able. The NERC ROP and Functional Model have other purposes, outside of compliance (i.e., the ROP contains administrative and governance procedures and the Functional Model is for registration purposes). A "Conflicts" clause that makes one agreement or document takes precedence over all others in a conflict should be added. Suggest the following: "The NERC *Glossary of Terms* shall apply and have precedence when interpreting the meaning of terms used in NERC Reliability Standards. Definitions of terms in the NERC RoP and Functional Model documents, which may or may not be in agreement or conflict, shall only be used to clarify the meaning of terms used in the RoP and Functional Model documents, and shall not have precedence over the NERC *Glossary of Terms* in matters of Reliability Standard interpretations, compliance audits, enforcement or in the development of sanctions. Deference and precedence should be given to the NERC *Glossary of Terms* in interpreting the definition of terms used in all NERC documents." OR "In the event of a conflict between the definition of terms cited in the NERC Glossary of Terms, the definition used in a single	propose revisions to defined terms contained in the Glossary or ROP. With regard to your suggestion to adding a "conflicts clause:" The drafting team agrees that in some respects it would be easier to have one document containing all of the NERC defined terms, or create a "conflicts clause" that outlines which source takes precedence. However, due to the differences in how the two sources are revised and the differences in how the terms are used, the team is not making any recommendations on this issue. The drafting team notes that the defined terms included in the Glossary and ROP are applicable only with regard to the source in which they are defined (Glossary terms only apply to Reliability Standards, whereas ROP terms only apply to provisions of the ROP). Given that the Reliability Standards and the ROP address very different subject matters and serve different purposes, the definitions are developed and maintained separately. Additionally, the process for revising Glossary terms is substantially different than for revising ROP terms. Glossary terms must be developed (and revised) in the same manner as Reliability Standards - by a drafting team and subject to industry ballot and approval (See Section 5 of the Standards Process Manual). On the other hand, revisions to the Rules of Procedure (including the defined terms found in Appendix 2) are undertaken through Section 1400 of the Rules of Procedure. For

#	Commenter/ Organization	Y/N	Question 6 Comment	Drafting Team Response
			reliability standard, or the definition provided in any other NERC document (e.g., RoP, Functional Model), the following order of precedence shall apply: 1. The NERC Glossary of Terms definitions shall apply, unless superseded or modified by a Single Standard definition presented at the beginning of the standard under the Definition of Terms heading. 2. A Single Standard definition presented at the beginning of the standard under the Definition of Terms heading shall only apply for that one reliability standard. 3. Footnote, Rationale Box and Guidance Document definitions shall take precedence only if there are no NERC Glossary of Terms or Single Standard definitions. 4. Definitions of terms presented in other NERC documents (e.g., RoP, Functional Model, RSAW's) will have no standing in the presence of the NERC Glossary of Terms, Single Standard definitions or standard Footnote, Rationale Box and Guidance Document definitions. They shall only apply where the drafting history of the standard clearly supports and shows the intent of the standard drafting team and the industry balloting to support their application to the single standard. 5. Definitions contained in approved interpretations of standards, which are appended to the original standard, are incorporated into the standard and shall therefore assume the same level of precedence as any Single Standard definition."	purposes of Project 2015-04, all proposed revisions to the Glossary terms will be made in accordance with the Standards Process Manual (Section 5). All proposed revisions to the ROP will be made in accordance with Section 1400 of the ROP.
16	Herb Schrayshuen			

#	Commenter/ Organization	Y/N	Question 6 Comment	Drafting Team Response
17	Ben Engelby – ACES Power Marketing	Yes	We agree with the direction that the drafting team is taking to address inconsistencies in the NERC Glossary. We ask that the team consider CIP definitions in addition to the Operations and Planning standards to ensure consistency throughout all NERC terms.	Thank you for your support. The drafting team agrees that both CIP- and O&P-related terms should be addressed in this project.
18	Michael Lowman - Duke Energy	No		
19	Christy Koncz – Public Service Enterprise Group	No	No additional comments	
20	Kathleen Black – DTE Energy	Yes	Comparing the NERC Glossary to the information listed in the Rules of Procedure is a good idea.	Thank you for your support.
21	Randall Hubbard - Southern Company Services, Inc.	Yes	Our only other comment with the SAR is that it contains lengthy redundant wording.	Thank you for your support
22	Shannon Mickens - Southwest Power Pool, Inc. (RTO)	Yes	We would suggest to the drafting team to take into consideration and adding the term(s) 'Contingency Reserves', 'System Operating Limit-SOL' and 'Interconnection Reliability Operating Limit-IROL' to the list of 'cross-over' terms to be evaluated in your process. It is our concern that these specific terms are used in various Reliability Standards and the interpretation of each has caused confusion in the industry.	Thank you for your comment. The drafting team will consider all cross-over terms during the course of its work. Of note, "Contingency Reserves" is defined in the Glossary, but not in the ROP. Therefore, it is not a "cross-over" term under consideration.
23	Fuchsia Davis - Bonneville Power Administration			
24	John Merrell - Tacoma Public Utilities (Tacoma, WA)	No		

#	Commenter/ Organization	Y/N	Question 6 Comment	Drafting Team Response
25	Ben Li – Independent Electricity System Operator	Yes	The SRC recommends clarifying the scope of the SAR to ensure consistency of terms across all important documents that form the basis for Reliability Standards development. In particular, the Functional Model, which is captured in Appendix 5 to the ROP, also exists outside of the ROP. As it provides the framework for the development and applicability of NERC's Reliability Standards, the SRC suggests that the purpose statement, scope of work, goals and detail description of work clarify whether the SDT is intending to include reviewing terms defined in the Functional Model, and ensuring consistency across the Glossary, ROP and Functional Model.	Thank you for your comments. The drafting team agrees that to the extent possible, there should be consistency of terminology across NERC documents. The drafting team work for Project 2015-04 will focus on aligning the cross-over terms in the Glossary and ROP. The Functional Model Advisory Group will be provided with the results of the drafting team work, so that appropriate changes can be made to the Functional Model.
26	John Bee - Exelon			

Implementation Plan

Project 2015-04 Alignment of Terms

Revisions to Defined Terms in the NERC Glossary of Terms Used in Reliability Standards

The drafting team proposes modifying the following Glossary of Terms definitions:	
<Term>	<Definition>
Blackstart Resource	A generating unit(s) and its associated set of equipment which has the ability to be started without support from the System or is designed to remain energized without connection to the remainder of the System, with the ability to energize a bus, meeting the Transmission Operator's restoration plan needs for ~~real~~ Real and ~~reactive~~ Reactive ~~power~~ Power capability, frequency and voltage control, and that has been included in the Transmission Operator's restoration plan.
Bulk Power System	Bulk~~-~~ Power System: (A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and (B) electric energy from generation facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy. (In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1], defined terms contained in this narrative are not capitalized.) Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning.
Cascading	The uncontrolled successive loss of ~~system~~ System ~~elements~~ Elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be restrained from sequentially spreading beyond an area predetermined by studies.
Distribution Provider	Provides and operates the "wires" between the transmission system and the end-use customer. For those end-use customers who are served at transmission voltages, the Transmission Owner also serves as the Distribution Provider. Thus, the Distribution Provider is not defined by a specific voltage, but rather as performing the ~~Distribution~~ distribution function at any voltage.

Element	Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An ~~element~~ Element may be comprised of one or more components.
Generator Operator	The entity that operates generating Facility(ies) ~~unit(s)~~ and performs the functions of supplying energy and Interconnected Operations Services.
Generator Owner	Entity that owns and maintains generating Facility(ies)~~units~~.
Interchange Authority	The responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communication of Interchange information for reliability assessment purposes.
Interconnected Operations Service	A service (exclusive of basic energy and ~~transmission~~ Transmission ~~services~~Services) that is required to support the ~~reliable~~ Reliable ~~operation~~ Operation of interconnected Bulk Electric Systems.
Interconnection	A geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control. When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.
Load-Serving Entity	Secures energy and ~~transmission~~ Transmission ~~service~~ Service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.
Planning Authority	The responsible entity that coordinates and integrates transmission ~~facility~~ Facilities and service plans, resource plans, and ~~protection~~ Protection ~~systems~~Systems.

Point of Receipt	A location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a ~~Generator~~ generator delivers its output.
Reactive Power	The portion of electricity that establishes and sustains the electric and magnetic fields of alternating-current equipment. Reactive ~~power~~ Power must be supplied to most types of magnetic equipment, such as motors and transformers. It also must supply the reactive losses on transmission facilities. Reactive ~~power~~ Power is provided by generators, synchronous condensers, or electrostatic equipment such as capacitors and directly influences electric system voltage. It is usually expressed in kilovars (kvar) or megavars (Mvar).
Real Power	The portion of electricity that supplies energy to the ~~load~~Load.
Reliability Coordinator	The entity that is the highest level of authority who is responsible for the ~~reliable~~ Reliable ~~operation~~ Operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis and real-time operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.
Reliability Standard	A requirement, approved by the United States Federal Energy Regulatory Commission under ~~this~~ Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk~~-~~ Power System]. The term includes requirements for the operation of existing bulk-power system [Bulk~~-~~ Power System] facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk~~-~~ Power System], but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity. (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)

Reliable Operation	Operating the elements of the bulk-power system [Bulk- Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements. (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)
Reserve Sharing Group	A group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (e.g., ten minutes). If the transaction is ramped in quicker (e.g., between zero and ten minutes) then, for the purposes of Disturbance disturbance Control control Performanceperformance, the Areas areas become a Reserve Sharing Group.
Resource Planner	The entity that develops a long-term (generally one year and beyond) plan for the resource adequacy of specific loads (customer demand and energy requirements) within a Planning Authority Areaarea.
System Operating Limit	The value (such as MW, MVar, Aamperes, Frequency frequency or Voltsvolts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to: • Facility Ratings (Applicable applicable pre- and post-Contingency equipment Equipment Ratings or facility Facility ratingsRatings) • Transient transient Stability stability Ratings ratings (Applicable applicable pre- and post-Contingency Stability stability Limitslimits) • Voltage voltage Stability stability Ratings ratings (Applicable applicable pre- and post-Contingency Voltage voltage Stabilitystability) • System system Voltage voltage Limits limits (Applicable applicable pre- and post-Contingency Voltage voltage Limitslimits)

Transmission Customer	1. Any eligible customer (or its designated agent) that can or does execute a ~~transmission~~ Transmission ~~service~~ Service agreement or can or does receive ~~transmission~~ Transmission ~~service~~Service. 2. Any of the following ~~responsible~~ entities: Generator Owner, Load-Serving Entity, or Purchasing-Selling Entity.
Transmission Operator	The entity responsible for the reliability of its "local" transmission system, and that operates or directs the operations of the transmission ~~facilities~~Facilities.
Transmission Owner	The entity that owns and maintains transmission ~~facilities~~Facilities.
Transmission Planner	The entity that develops a long-term (generally one year and beyond) plan for the reliability (adequacy) of the interconnected bulk electric transmission systems within its portion of the Planning Authority ~~Area~~area.
Transmission Service Provider	The entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable ~~transmission~~ Transmission ~~service~~ Service agreements.

Requested Retirements

- None

Prerequisite Approvals

It is requested that all proposed changes to the definitions in the NERC Rules of Procedure are approved contemporaneously with the proposed revisions to the Glossary of Terms. Additionally, it is requested that the proposed revisions do not take effect until the first day of the first calendar quarter beyond the date that the definitions are approved by applicable regulatory authorities, but no earlier than 07/01/2016.

Background

The purpose of Project 2015-04 – Alignment of Terms is to align the defined terms found in the NERC Glossary of Terms found in Reliability Standards and the Rules of Procedure. This project is necessary because currently there are defined terms that appear in both the Glossary and ROP that are inconsistent in substance and form. This causes industry confusion and may lead to inconsistent interpretation or application of the meaning of a term. Consistent definitions will enhance reliability because owners, users and operators of the BES, along with the ERO Enterprise, will have a clear and consistent understanding of the terminology used in the NERC Reliability Standards and ROP. Of the fifty-five (55) cross-over terms, forty (40) contain inconsistencies or differences in the definition narratives. To achieve consistency and alignment of these cross-over terms, the SDT is proposing revisions to twenty-six (26) Glossary terms and sixteen (16) ROP terms.

Effective Date

The definitions shall be added to the NERC Glossary of Terms used in Reliability Standards effective on the first day of the first calendar quarter beyond the date that the definitions are approved by applicable regulatory authorities, but no earlier than 07/01/2016, or in those jurisdictions where regulatory approval is not required, the definitions become effective on the first day of the first calendar quarter beyond the date this standard is approved by the NERC Board of Trustees, but no earlier than 07/01/2016, or as otherwise made effective pursuant to the laws applicable to such governmental authorities.

NERC
NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION

Unofficial Comment Form

Project 2015-04 Alignment of Terms

DO NOT use this form for submitting comments. Use the electronic form to submit comments on the proposed revisions to the Glossary definitions by **8 p.m. Eastern, Monday, July 27, 2015.**

Documents and information about this project are available on the project page. If you have questions, contact Standards Develoepr, Lacey Ourso (by email) or at 404-446-2581.

Background Information

As outlined in the SAR for Project 2015-04 – Alignment of Terms, the purpose of this project is to align the defined terms found in the NERC Glossary of Terms Used in Reliability Standards (Glossary) and the Rules of Procedure (ROP).[1] In completing this work, the SDT identified all existing defined terms that are contained in both the Glossary and the ROP ("cross-over terms"). Currently there are fifty-five (55) cross-over terms, a complete list of which can be found in Attachment 1 to the "Proposed Revisions to Align Cross-Over Terms" document. Of the fifty-five (55) cross-over terms, forty (40) contain inconsistencies or differences in the definition narratives, which causes industry confusion and may lead to inconsistent interpretation or application of the meaning of a term. Consistency between the defined terms in the Glossary and the ROP will enhance reliability by providing the owners, users and operators of the BES, as well as the ERO Enterprise, with a better understanding of the terminology used in the Glossary and the ROP. To achieve this consistency, the SDT is proposing alignment revisions to twenty-six (26) Glossary terms and sixteen (16) ROP terms.

Standard Drafting Team Work

From this complete list of cross-over terms, the team then identified those cross-over terms that contained definitional differences. After analyzing these definitional differences, the SDT identified common alignment issues and categorized the terms into different "groups" based upon the type of alignment issue identified. A summary of the groupings can be found in Part II of the "Proposed Revisions to Align Cross-Over Terms" document.

The SDT undertook substantial background research before determining whether alignment revisions were appropriate for each of the cross-over terms under consideration, including an examination of the history of the term's definition, previous drafting teams' intent, relevant NERC filings to FERC, and any FERC orders approving the term's definition. Additionally, the SDT examined how each term is used in the Glossary, Reliability Standards, and ROP provisions. Based on this thorough examination, the SDT determined whether revisions were appropriate. In some instances, the SDT concluded that alignment

[1] Additionally, once the definition revisions are made, the standards drafting team (SDT) will also develop recommendations regarding how to enhance the current definition development processes in the Standards Process Manual and ROP to prevent misalignment or inconsistencies during future development of defined terms.

revisions were not appropriate due to differing application of the terms in the Glossary and/or ROP.[2] A complete summary of the SDT research, assessment and proposed revision for each term can be found in the "Proposed Revisions to Align Cross-Over Terms" document. Attachment 1 to that document provides a complete listing of all cross-over terms. Attachment 2 contains a summary of all alignment revisions proposed by the SDT.

Commenting

A 45-day formal comment for the proposed Glossary revisions is open through **8 p.m. Eastern, Monday, July 27, 2015.** Ballot pools for each of the 26 Glossary terms under revision are being formed through **8 p.m. Eastern, Monday, July 13, 2015**. Note that a separate ballot pool is being formed for each of the 26 Glossary terms under revision. A 10-day initial ballot for *each* of the proposed Glossary terms will be conducted **July 17-27, 2015**.

Because there are separate and distinct processes for revising Glossary terms and ROP terms, the commenting for the Glossary and ROP will be conducted separately. However, the 45-day comment periods will run simultaneously because the proposed revisions to the Glossary and ROP are inextricably linked. Full details regarding how to participate in the Glossary and ROP revision processes are provided below. For any questions related to the commenting and balloting for this project, please contact Lacey Ourso.

Commenting and ballot for Proposed Revisions to the Glossary Definitions

The Glossary definition revision process is governed by the Standards Process Manual (see, Section 5). The definition development process, for the most part, mirrors the process for standards development. The drafting team is posting proposed revisions to 26 existing Glossary definitions for an initial 45-day comment and 10-day ballot period. The 45-day Glossary comment period is June 12, 2015 through 8 p.m. Eastern, Monday, July 27, 2015. There is one comment form for all 26 proposed Glossary term revisions. Ballot pool formation for the Glossary revisions is June 12, 2015 through 8 p.m. Eastern, Monday, July 13, 2015. Each Glossary definition will be balloted separately, so registration is required for each. As noted above, there will only be one comment form for all the proposed revisions, but individual ballot pools must be created for each definition under revision. The 10-day ballot period for each proposed Glossary definition revision will be July 17, 2015 through 8 p.m. Eastern, Monday, July 27, 2015. Note that the proposed ROP revisions are being posted for a 45-day comment period simultaneous with the proposed Glossary revisions. Below are details on how to comment and participate in the ROP revision process.

[2] Also, for a number of terms, the SDT identified areas where the definition language could be improved, given industry usage. For such terms, the SDT will develop a Standards Authorization Request (SAR) outlining the identified issues, and the team's proposal for how to address each issue.

Commeting for Proposed Revisions to Appendix 2 of the Rules of Procedure

The ROP revision process is governed by Section 1400 of the ROP, and these revisions are being proposed by the Standards Committee pursuant to those provisions. Under the revision process, NERC must provide public notice and opportunity for comment regarding proposed revisions to the ROP. There is no ballot requirement, and thus, no ballot pool formation. Participation in the commenting process is open to all persons who are directly and materially affected by the reliability of the North American Bulk Power System. A detailed overview of the proposed ROP revisions can be found in the "Proposed Revisions to Align Cross-Over Terms" document. You may submit comments regarding the proposed ROP revisions by going to the ROP webpage on the NERC website, or by clicking here. The 45-day comment period will be June 12, 2015 through 8 p.m. Eastern, Monday, July 27, 2015. At the conclusion of the 45-day comment period, NERC staff, along with the drafting team, will review the comments received. All comments will be considered, and a proposal will be made to the NERC Board of Trustees based upon the comments received. The Board will then vote on the proposed revisions. If adopted by the Board, the proposed revisions will be presented to FERC for approval.

Questions

1. **Term 4: Blackstart Resource (redline)**

> Blackstart Resource: A generating unit(s) and its associated set of equipment which has the ability to be started without support from the System or is designed to remain energized without connection to the remainder of the System, with the ability to energize a bus, meeting the Transmission Operator's restoration plan needs for ~~real~~ Real and ~~reactive~~ Reactive ~~power~~ Power capability, frequency and voltage control, and that has been included in the Transmission Operator's restoration plan.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the terms "Real Power" and "Reactive Power" because these terms are defined in the Glossary, and their usage in this definition narrative is intended to have the meaning of the defined terms.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

☐ **Yes**
☐ **No**

Comments:

2. **Term 6: Bulk-Power System (redline)**

Bulk- Power System:
(A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and
(B) electric energy from generation facilities needed to maintain transmission system reliability.
The term does not include facilities used in the local distribution of electric energy. (In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1], defined terms contained in this narrative are not capitalized.) Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning.

The SDT is proposing revisions to both the Glossary and ROP definition in order to align the two terms and maintain consistency with the Federal Power Act. Both the ROP and Glossary definitions have been approved by FERC (*See*, Glossary: FERC Order; and ROP: FERC Order on Compliance Filing, FERC Order Approving Amendments to the ROP). However, there are a number of differences, mostly minor, in the two definitions. The different language may be perceived to mean that the terms are intended to have different meanings, when this is not the case. There is no reason for the terms to have differing definitions, as both terms are intended to have the meaning of the definition in Section 215 of the Federal Power Act. The SDT revisions align the terms by eliminating the unnecessary differences.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

☐ **Yes**
☐ **No**

Comments:

3. **Term 7: Cascading (redline)**

Cascading:
The uncontrolled successive loss of ~~system~~ System ~~elements~~ Elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be restrained from sequentially spreading beyond an area predetermined by studies.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the terms "System" and "Elements" because these terms are defined in the Glossary, and their usage in this definition narrative is intended to have the meaning of the defined terms.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

☐ **Yes**
☐ **No**

Comments:

4. **Term 13: Distribution Provider (redline)**

Distribution Provider:
Provides and operates the "wires" between the transmission system and the end-use customer. For those end-use customers who are served at transmission voltages, the Transmission Owner also serves as the Distribution Provider. Thus, the Distribution Provider is not defined by a specific voltage, but rather as performing the ~~Distribution~~ distribution function at any voltage.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to remove the capitalization from the term "Distribution" because it is not a defined term in Glossary (or the ROP).

Do you agree with the proposed Glossary definition revision to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

☐ **Yes**
☐ **No**

Comments:

5. **Term 14: Element (redline)**

Element**:**
Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An ~~element~~ Element may be comprised of one or more components.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Element" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term.

Do you agree with the proposed Glossary definition revision to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

☐ **Yes**
☐ **No**

Comments:

6. **Term 17: Generator Operator (redline)**

Generator Operator**:**
The entity that operates generating Facility(ies) ~~unit(s)~~ and performs the functions of supplying energy and Interconnected Operations Services.

The SDT is proposing to revise the Glossary definition to align with the ROP. This is because the term "unit" (used in the current Glossary definition) is not a NERC defined term, and thus introduces the possibility of inconsistent use or application of the definition. The ROP definition provides greater clarity because it uses the term "Facility(ies)," which is defined by NERC as, "a set of electrical equipment that operates as a single Bulk Electric System Element (*e.g.*, a line, a generator, a shunt compensator, transformer, etc.)." [3] (*See also*, NERC Limited Answer to RBR Comments, pp. 6-7: "Finally, NERC's proposed changes to the definitions of "Generator Owner" and "Generator Operator" which include replacing the undefined term "generating units" with the term "Facilities," are appropriate. The term "Facilities" is defined in the NERC Glossary as a Bulk Electric System element, which ties in directly to the new BES definition. Use of the term "Facilities" has allowed NERC to eliminate the Part III threshold criteria and use the new Bulk Electric System core definition, inclusions and exclusions to identify Bulk Electric System generator assets.")

Do you agree with the proposed Glossary definition revision to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

☐ **Yes**
☐ **No**

Comments:

7. **Term 18: Generator Owner (redline)**

[3] Additionally, the SDT notes that during the course of its work on this project, the team reviewed and assessed the quality of the definition of "Facility." The SDT believes the clarity and content of the current definition could be improved. As a result, the SDT will draft a SAR proposing to revise the definition in order to address the issues identified by the SDT.

Generator Owner:
Entity that owns and maintains generating Facility(ies)~~units~~.

The SDT is proposing to revise the Glossary definition to align with the ROP. This is because the term "unit" (used in the current Glossary definition) is not a NERC defined term, and thus introduces the possibility of inconsistent use or application of the definition. The ROP definition provides greater clarity because it uses the term "Facility(ies)," which is defined by NERC as, "a set of electrical equipment that operates as a single Bulk Electric System Element (*e.g.*, a line, a generator, a shunt compensator, transformer, etc.)." [4] (*See also*, NERC Limited Answer to RBR Comments, pp. 6-7: "Finally, NERC's proposed changes to the definitions of "Generator Owner" and "Generator Operator" which include replacing the undefined term "generating units" with the term "Facilities," are appropriate. The term "Facilities" is defined in the NERC Glossary as a Bulk Electric System element, which ties in directly to the new BES definition. Use of the term "Facilities" has allowed NERC to eliminate the Part III threshold criteria and use the new Bulk Electric System core definition, inclusions and exclusions to identify Bulk Electric System generator assets.")

Do you agree with the proposed Glossary definition revision to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

☐ **Yes**
☐ **No**

Comments:

8. **Term 20: Interchange Authority (redline)**

Interchange Authority:
The responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communication of Interchange information for reliability assessment purposes.

The SDT is recommending errata changes to both the Glossary and ROP definitions, as follows:
(1) For the Glossary, add the word "the" to align with the ROP definition.
(2) For the ROP, remove the "s" from "communications" to align with the Glossary definition.

Do you agree with the proposed Glossary definition revision to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

[4] Additionally, the SDT notes that during the course of its work on this project, the team reviewed and assessed the quality of the definition of "Facility." The SDT believes the clarity and content of the current definition could be improved. As a result, the SDT will draft a SAR proposing to revise the definition in order to address the issues identified by the SDT.

☐ **Yes**
☐ **No**

Comments:

9. **Term 24: Interconnected Operations Service (redline)**

Interconnected Operations Service:
A service (exclusive of basic energy and ~~transmission~~ Transmission ~~services~~Services) that is required to support the ~~reliable~~ Reliable ~~operation~~ Operation of interconnected Bulk Electric Systems.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the terms "Transmission Services" and "Reliable Operation" because these terms are defined in the Glossary, and their usage in this definition narrative is intended to have the meaning of the defined terms.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

☐ **Yes**
☐ **No**

Comments:

10. **Term 25: Interconnection (redline)**

Interconnection:
A geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control. When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.

The SDT is proposing revisions to both the Glossary and ROP definitions (effective no earlier than July 1, 2016). The ROP definition is broader than the Glossary because it provides a description of what constitutes an interconnection, as opposed to identifying the specific geographical areas in North America that currently constitute an interconnection. The ROP definition tracks the Federal Power Act (note it is marked with ++ indicating such). Because the Glossary limits application of the definition to the specific interconnections identified therein, it could be perceived as intended to be more limiting and/or intentionally different than the ROP definition. In order to align the

two definitions, without losing the clarity provided by the FERC-approved Glossary definition, which specifically identifies the current Interconnections in North America, the SDT is proposing to combine the two definitions. However, because the recently FERC-approved Glossary definition is not effective until July 1, 2016, the SDT is proposing that the alignment revisions do not take effect until July 1, 2016, at the earliest.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

☐ **Yes**
☐ **No**

Comments:

11. Term 28: Load-Serving Entity (redline)

Load-Serving Entity**:**
Secures energy and ~~transmission~~ Transmission ~~service~~ Service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Transmission Service" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term.

Do you agree with the proposed Glossary definition revision to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

☐ **Yes**
☐ **No**

Comments:

12. Term 31: Planning Authority (redline)

Planning Authority:
The responsible entity that coordinates and integrates transmission ~~facility~~ Facilities and service plans, resource plans, and ~~protection~~ Protection ~~systems~~Systems.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the terms "Facilities" and "Protection Systems" because these terms

are defined in the Glossary, and their usage in this definition narrative is intended to have the meaning of the defined terms.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

☐ **Yes**
☐ **No**

Comments:

13. Term 33: Point of Receipt (redline)

Point of Receipt**:**
A location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a ~~Generator~~ generator delivers its output.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to remove the capitalization from the term "Generator" because it is not a defined term in Glossary or the ROP.

Do you agree with the proposed Glossary definition revision to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

☐ **Yes**
☐ **No**

Comments:

14. Term 36: Reactive Power (redline)

Reactive Power**:**
The portion of electricity that establishes and sustains the electric and magnetic fields of alternating-current equipment. Reactive ~~power~~ Power must be supplied to most types of magnetic equipment, such as motors and transformers. It also must supply the reactive losses on transmission facilities. Reactive ~~power~~ Power is provided by generators, synchronous condensers, or electrostatic equipment such as capacitors and directly influences electric system voltage. It is usually expressed in kilovars (kvar) or megavars (Mvar).

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Power" because "Reactive Power" is a defined term and its usage in this definition narrative is intended to have the meaning of the defined term.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

☐ **Yes**
☐ **No**

Comments:

15. Term 37: Real Power (redline)

Real Power**:**
The portion of electricity that supplies energy to the ~~load~~Load.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "load" in the Glossary because it is a defined term and its usage in this definition narrative is intended to have the meaning of the defined term. In the definition narrative of Real Power, use of the word load is intended to mean an end-use device or customer.

Do you agree with the proposed Glossary definition revision to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

☐ **Yes**
☐ **No**

Comments:

16. Term 38: Reliability Coordinator (redline)

Reliability Coordinator:
The entity that is the highest level of authority who is responsible for the ~~reliable~~ Reliable ~~operation~~ Operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis and real-time operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Reliable Operation" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term.

Do you agree with the proposed Glossary definition revision to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

☐ **Yes**
☐ **No**

Comments:

17. Term 40: Reliability Standard (redline)

Reliability Standard**:**
A requirement, approved by the United States Federal Energy Regulatory Commission under ~~this~~ Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk~~-~~ Power System]. The term includes requirements for the operation of existing bulk-power system [Bulk~~-~~ Power System] facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk~~-~~ Power System], but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity. (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)

The SDT is proposing revisions to the FERC-approved Glossary definition to clarify that defined terms contained in the definition narrative are not capitalized in order to maintain consistency with the Federal Power Act.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

☐ **Yes**
☐ **No**

Comments:

18. Term 41: Reliable Operation (redline)

Reliable Operation:
Operating the elements of the bulk-power system [Bulk- Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements. (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)

The SDT is proposing revisions to the FERC-approved Glossary definition to clarify that defined terms contained in the definition narrative are not capitalized in order to maintain consistency with the Federal Power Act.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

☐ **Yes**
☐ **No**

Comments:

19. Term 42: Reserve Sharing Group (redline)

Reserve Sharing Group:
A group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (e.g., ten minutes). If the transaction is ramped in quicker (e.g., between zero and ten minutes) then, for the purposes of ~~Disturbance~~ disturbance ~~Control~~ control ~~Performance~~performance, the ~~Areas~~ areas become a Reserve Sharing Group.

The SDT is recommending changes to both the Glossary and ROP definitions. Specifically, the SDT is proposing to revise the Glossary definition by removing the capitalization for the terms "Disturbance Control Performance" and "Area" because these are not defined terms. (Note that Disturbance Control Standard and Disturbance are both defined terms). Also, in the ROP definition, the SDT is proposing removal of the unnecessary commas to align with the Glossary definition.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

☐ **Yes**
☐ **No**

Comments:

20. Term 43: Resource Planner (redline)

Resource Planner:
The entity that develops a long-term (generally one year and beyond) plan for the resource adequacy of specific loads (customer demand and energy requirements) within a Planning Authority ~~Area~~area.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to remove the capitalization from the term "Area" because it is not a defined term in Glossary or the ROP.

Do you agree with the proposed Glossary definition revision to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

☐ **Yes**
☐ **No**

Comments:

21. Term 48: System Operating Limit (redline)

System Operating Limit**:**
The value (such as MW, MVar, ~~A~~amperes, ~~Frequency~~ frequency or ~~Volts~~volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to:

- Facility Ratings (~~Applicable~~ applicable pre- and post-Contingency ~~equipment~~ Equipment Ratings or ~~facility~~ Facility ~~ratings~~Ratings)
- ~~Transient~~ transient ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Stability~~ stability ~~Limits~~limits)
- ~~Voltage~~ voltage ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Stability~~stability)
- ~~System~~ system ~~Voltage~~ voltage ~~Limits~~ limits (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Limits~~limits)

The SDT is proposing revisions to the Glossary definition. Specifically, the SDT is proposing to revise the Glossary definition to lowercase those terms that are not defined terms, and thus, should not be capitalized in the definition narrative.

Do you agree with the proposed Glossary definition revisions? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

☐ **Yes**
☐ **No**

Comments:

22. Term 49: Transmission Customer (redline)

Transmission Customer**:**
1. Any eligible customer (or its designated agent) that can or does execute a ~~transmission~~ Transmission ~~service~~ Service agreement or can or does receive ~~transmission~~ Transmission ~~service~~Service.
2. Any of the following ~~responsible~~ entities: Generator Owner, Load-Serving Entity, or Purchasing-Selling Entity.

The SDT is recommending the following changes:

(1) Revise the Glossary definition to capitalize the term "Transmission Service" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term.
(2) Remove the word "responsible" to align with the ROP definition. The word "responsible" was originally included in the ROP definition, but was recently removed by the Risk-Based Registration project. The Glossary should be updated to reflect these recent changes.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

☐ **Yes**
☐ **No**

Comments:

23. Term 50: Transmission Operator (redline)

Transmission Operator**:**

The entity responsible for the reliability of its "local" transmission system, and that operates or directs the operations of the transmission ~~facilities~~Facilities.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Facilities" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term.

Do you agree with the proposed Glossary definition revision to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

☐ **Yes**
☐ **No**

Comments:

24. Term 51: Transmission Owner (redline)

Transmission Owner**:**
The entity that owns and maintains transmission ~~facilities~~Facilities.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Facilities" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term.

Do you agree with the proposed Glossary definition revision to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

☐ **Yes**
☐ **No**

Comments:

25. Term 52: Transmission Planner (redline)

Transmission Planner**:**
The entity that develops a long-term (generally one year and beyond) plan for the reliability (adequacy) of the interconnected bulk electric transmission systems within its portion of the Planning Authority ~~Area~~area.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to remove the capitalization from the term "Area" because it is not a defined term in Glossary or the ROP.

Do you agree with the proposed Glossary definition revision to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

☐ **Yes**
☐ **No**

Comments:

26. Term 54: Transmission Service Provider (redline)

Transmission Service Provider:
The entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable ~~transmission~~ Transmission ~~service~~ Service agreements.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Transmission Service" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term.

Do you agree with the proposed Glossary definition revision to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

☐ **Yes**
☐ **No**

Comments:

27. If you have additional comments on the proposed revisions to the Glossary definitions that you have not provided in your above responses, please provide them here:

☐ **Yes**
☐ **No**

Comments:

NERC
NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION

Proposed Revisions to Align Definitions in the Glossary of Terms and Rules of Procedure

Project 2015-04 – Alignment of Terms

Part I. Executive Summary

Currently there are fifty-five (55) defined terms that appear in both the NERC Glossary of Terms Used in Reliability Standards (Glossary) and Rules of Procedure (ROP) ("cross-over terms"), a complete list of which can be found in Attachment 1. Of the fifty-five (55) cross-over terms, forty (40) contain inconsistencies or differences in the definition narratives, which causes industry confusion and may lead to inconsistent interpretation or application of the meaning of a term. Consistency between the defined terms in the Glossary and the ROP will enhance reliability by providing the owners, users and operators of the BES, as well as the ERO Enterprise, with a better understanding of the terminology used in the Glossary and the ROP. To achieve this consistency, the SDT is proposing alignment revisions to twenty-six (26) Glossary terms and sixteen (16) ROP terms.

This document provides an overview of the work undertaken by the Project 2015-04 standard drafting team (SDT) to align the cross-over terms and the revisions proposed by the SDT. Part II provides an overview of the purpose, scope and substance of the work undertaken by the SDT during this project. Parts III through VI provide the background information and research conducted by the SDT for each cross-over term under revision, and an analysis and justification to support the revisions being proposed by the team to align the terms.

Part II. Project Overview and Background Information

Background information regarding the Glossary and ROP

In 2007, when FERC approved Version 0 of the Reliability Standards, it also approved the NERC Glossary of Terms. (*See*, FERC Order No. 693). In Order No. 693, FERC noted the importance of the defined terms in establishing a consistent understanding of the Reliability Standards Requirements and implementation. (*See*, FERC Order No. 693 at P 1893). The NERC Glossary provides continuity in the application of the glossary definitions industry-wide and eliminates multiple interpretations of the same term or function, which could otherwise create miscommunication or jeopardize reliability. Similarly, FERC approved the Rules of Procedure, which contained a number of FERC-approved defined terms. Later, in 2011, at FERC's suggestion, NERC petitioned to move all of the defined terms contained in the various sections and Appendices of the ROP into one central location, Appendix 2 to the ROP. The definitions included in Appendix 2 were "taken largely from existing sources, including Section 215 of the Federal Power Act; the Commission's regulations; the NERC Bylaws, the NERC Glossary of Terms Used in Reliability Standards; and existing definitions found in the ROP and Appendices…" (*See*, NERC Petition, p. 8). Those definitions taken

from the Glossary were marked with a double asterisk (**), while definitions taken from the Federal Power Act were marked with a double plus sign (++).

Following FERC's approval of the Glossary and Appendix 2 to the ROP, there have been a number of necessary revisions to the defined terms contained therein. Glossary terms are revised through the Reliability Standards development process; whereas ROP terms are revised through the ROP revision process. (*See*, NERC Rules of Procedure, Appendix 3A: Standards Process Manual and ROP, Section 1400). As a result of various changes made to defined terms over the years through these distinct revision processes, a number of cross-over terms, which were once identical, now contain differences in their definition narratives. As outlined in the SAR for this project, the purpose of this project is to align the defined terms found in the Glossary and the ROP. Additionally, the SDT will also develop recommendations regarding how to enhance the current definition development processes in the Standards Process Manual and ROP to prevent misalignment or inconsistencies during future development of defined terms.

Work undertaken by the Project 2015-04 SDT

First, the SDT identified all existing defined terms that are contained in both the Glossary and the ROP ("cross-over terms"), a complete list of which can be found in Attachment 1. From this complete list of cross-over terms, the team then identified those cross-over terms that contained definitional differences. After analyzing these definitional differences, the SDT identified common alignment issues and categorized the terms into different "groups" based upon the type of alignment issue identified. Below is a summary of each grouping:

Group 1: Group 1 cross-over terms contain differences in the substance or content of the definition. In some instances, the differences resulted in the defined terms having different meanings or application. For example, the definitions for "Net Energy for Load" are substantively different in the Glossary and ROP because they are used differently in the respective documents. In other instances, although the content or language of the definition was different, the end result or application of the definition was, nevertheless, the same. For example, the term "Adjacent Balancing Authority" is defined differently in the Glossary than the ROP, with the Glossary definition providing greater clarity. There are a total of nine (9) Group 1 cross-over terms, and the SDT is proposing alignment revisions to eight (8) of those terms.

Group 2: Group 2 cross-over terms are similar to Group 1 terms in that the definitions contain substantive differences in the definitions. However, these terms are grouped separately because they are currently under revision, not yet approved by the NERC Board of Trustees, or pending regulatory approval. There are six (6) Group 2 cross-over terms in total, and at this time, the SDT is recommending alignment revisions to one (1) of those terms. The SDT has, however, made recommendations for future action to address a number of the remaining Group 2 cross-over terms.

Group 3: Group 3 cross-over terms contain differences in the capitalization of terms that are included in the definition narrative, but are otherwise aligned in substance and content. Since capitalization of a term indicates that it is a defined term with a specific meaning, these inconsistencies in capitalization cause confusion and may lead to inconsistent application of the definition. For example, the definition narrative of "Interconnected Operations Services" is the same in the Glossary and ROP; however, the ROP

narrative capitalizes “Transmission Services” and “Reliable Operation,” while the Glossary does not. There are a total of twenty-two (22) Group 3 cross-over terms, and the SDT is recommending alignment revisions to all of those terms.

Group 4: Group 4 cross-over terms contain errata-type differences, such as the inadvertent omission of a word or letter. There are three (3) Group 4 cross-over terms in total, and the SDT is proposing alignment revisions to all of those terms.

Below is a detailed summary of the SDT’s recommendations for each of the cross-over terms, organized by Group. Also, Attachment 2 contains a summary of all alignment revisions proposed by the SDT.

The SDT undertook substantial background research before determining whether alignment revisions were appropriate for each of the cross-over terms under consideration, including an examination of the history of the term’s definition, previous drafting teams’ intent, relevant NERC filings to FERC, and any FERC orders approving the term’s definition. Additionally, the SDT examined how each term is used in the Glossary, Reliability Standards, and ROP provisions. Based on this thorough examination, the SDT determined whether revisions were appropriate. In some instances, the SDT concluded that alignment revisions were not appropriate due to differing application of the terms in the Glossary and/or ROP. Also, for a number of terms, the SDT identified areas where the definition language could be improved, given industry usage. For such terms, the SDT will develop a Standards Authorization Request (SAR) outlining the identified issues, and the team’s proposal for how to address each issue. Of the fifty-five (55) cross-over terms, forty (40) contain inconsistencies or differences in the definition narratives. To achieve consistency and alignment of these cross-over terms, the SDT is proposing revisions to twenty-six (26) Glossary terms and sixteen (16) ROP terms.

Part III: Group 1 recommendations

There are a total of nine (9) Group 1 cross-over terms:

Term 1: Adjacent Balancing Authority

Term 6: Bulk Power System

Term 17: Generator Operator

Term 18: Generator Owner

Term 29: Net Energy for Load or NEL

Term 40: Reliability Standard

Term 44: Sink Balancing Authority

Term 45: Source Balancing Authority

Term 48: System Operating Limit

The SDT is recommending revisions to eight (8) of the Group 1 cross-over terms. Below is an overview of the SDT research, assessment, proposed revision(s), and justification for each of the recommendations.

Term 1: Adjacent Balancing Authority

Glossary Definition (differences in definition narrative indicated in red)	ROP, Appendix 2 Definition (differences in definition narrative indicated in red)	SDT proposed revisions
A Balancing Authority whose Balancing Authority Area is interconnected with another Balancing Authority Area either directly or via a multi-party agreement or transmission tariff.	a Balancing Authority Area that is interconnected to another Balancing Authority Area either directly or via a multi-party agreement or transmission tariff.**	The SDT is proposing to revise the ROP definition to align with the Glossary. Redline of ROP definition: a Balancing Authority ~~Area~~ whose Balancing Authority Area ~~that~~ is interconnected with ~~to~~ another Balancing Authority Area either directly or via a multi-party agreement or transmission tariff.**

I. HISTORY AND BACKGROUND INFORMATION REGARDING "ADJACENT BALANCING AUTHORITY" DEFINITION

History of Glossary term:

- Previous version(s): Effective dates: 3/16/2007 – 09/30/2014 ("A Balancing Authority Area that is interconnected another Balancing Authority Area either directly or via a multi-party agreement or transmission tariff.")
- Current version: **Effective as of 10/01/2014**
  - Revised by Project 2008-12 Coordinate Interchange Standards
  - NERC Petition (02/27/2014) - "The proposed revisions are minor, non-substantive changes to improve the clarity of the term, as illustrated in Exhibit F. The proposed revisions are intended to clarify the various Balancing Authorities involved in the implementation of Interchange and their relationships with regards to Interchange." (p. 29)
  - FERC Order (06/30/2014) – FERC letter order approving revised Glossary definition

History of ROP term:

- Current version: **Effective as of 01/31/2012**
  - NERC Petition (11/29/2011) - Added Appendix 2 to ROP and adopted existing Glossary definition for Adjacent Balancing Authority. (see p. 9)
  - FERC Order (01/31/2012) - "These revisions are being proposed as a result of P 93 of the Commission's Order issued October 21, 2010, in Docket No. RR10-11-000, in which the Commission invited NERC to submit a filing making consistent use of defined terms throughout the ROP and Appendices." (p. 1)

II. USAGE OF DEFINED TERM: ADJACENT BALANCING AUTHORITY

List of usage of the term Adjacent Balancing Authority within Reliability Standards:

	Reliability Standard
1	BAL-001-2
2	BAL-002-1a
3	BAL-005-0.2
4	BAL-006-2
5	COM-001-2
6	EOP-001-2.1b

7	INT-009-2.1
8	MOD-028-2
9	MOD-030-2
10	MOD-030-3

List of ROP provisions (other than Appendix 2) where Adjacent Balancing Authority occurs:

	ROP provision	Page # [Link to ROP]
1	Appendix 5B – Functional type definition under Section II: Reserve Sharing Group	435 of 483

List defined terms that include Adjacent Balancing Authority in definition narrative:

	Glossary
1	Net Actual Interchange
2	Net Interchange Schedule
3	Reserve Sharing Group

	ROP
1	N/A
2	N/A
3	Reserve Sharing Group

List of other defined terms that are included in the Adjacent Balancing Authority definition narrative:

Glossary: Balancing Authority Area, Balancing Authority
ROP: Balancing Authority Area

III. DRAFTING TEAM ANALYSIS AND ASSESSMENT

Explanation of differences in definition narratives: The differences in definition narratives are minor and non-substantive in nature. The Glossary definition clarifies the various Balancing Authorities involved in the implementation of the Interchange and their respective relationships with Interchange.

How/why the terms may be applied differently as a result of the differences: The language added through the Project 2008-12 Coordinate Interchange Standards did not impact the definitions. A review of the ROP and Reliability Standards containing the defined term was conducted, and the differences do not result in different application of the term. The Glossary definition simply provides greater clarity.

Proposed revision(s): The SDT proposes to revise the ROP definition to align with the Glossary. No changes are proposed to the Glossary definition.

Redline of ROP definition:

a Balancing Authority ~~Area~~ whose Balancing Authority Area ~~that~~ is interconnected with ~~to~~ another Balancing Authority Area either directly or via a multi-party agreement or transmission tariff.**

Justification for decision: The ROP definition adopted the Glossary definition when Appendix 2 was created in 2012. Note that the ROP definition is marked with a double asterisk (**), indicating it was taken from the Glossary. Subsequently, in 2014, the Glossary term was revised to provide greater clarity. The revised Glossary definition clarifies the various Balancing Authorities involved in the implementation of Interchange and their relationships with regard to Interchange. The ROP definition was not updated to reflect the clarifying revisions made to the Glossary definition.

Term 6: Bulk Power System

Glossary Definition (differences in definition narrative indicated in red)	ROP, Appendix 2 Definition (differences in definition narrative indicated in red)	SDT proposed revisions
Bulk-Power System: A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and (B) electric energy from generation facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy.	Bulk Power System" means, depending on the context: (i) Facilities and control systems necessary for operating an interconnected electric energy supply and transmission network (or any portion thereof), and electric energy from generating facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy [++]. (ii) Solely for purposes of Appendix 4E, Bulk Electric System.	The SDT is proposing to revise both definitions as follows: Redline of Glossary definition: Bulk- Power System: (A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and (B) electric energy from generation facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy. (In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1], defined terms contained in this narrative are not capitalized.) Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning. Redline of ROP, Appendix 2 definition: Bulk Power System" means, depending on the context: (i) (A) ~~Facilities~~ facilities and control systems necessary for operating an interconnected electric energy ~~supply and~~ transmission network (or any portion thereof);~~,~~ and (B) electric energy from generation~~g~~ facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy. [++] (In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1], defined terms contained in this narrative are not capitalized.)~~-~~Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning. (ii) Solely for purposes of Appendix 4E, Bulk Electric System.

I. HISTORY AND BACKGROUND INFORMATION REGARDING BULK POWER SYSTEM DEFINITION

History of Glossary term:

- Original version: Effective through 07/08/13
  - FERC Order No. 693 (03/16/07): "The Commission directs the ERO to modify the glossary through the Reliability Standards development process to include the statutory definitions of the terms Bulk-Power System, Reliable Operation and Reliability Standard. However, this determination does not negate our discussion in the Applicability section of the Final Rule. While the glossary should be revised to include the statutory definition of Bulk-Power System, the Reliability Standards refer to the bulk electric system, which is also defined in the glossary." (P 1894)

- Current version: **Effective as of 07/09/13**
  - Revised by Project 2012-08.1 Phase 1 of the Glossary Updates for Statutory Definitions
  - NERC Petition (05/10/13):

    "The term "Bulk-Power System" is defined in section 215 of the FPA as follows:

    (1) The term 'bulk-power system' means—

    (A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and

    (B) electric energy from generation facilities needed to maintain transmission system reliability.

    The term does not include facilities used in the local distribution of electric energy.

    The proposed definition of the term "Bulk-Power System" for inclusion in the NERC Glossary is as follows: "Bulk-Power System" means, (A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and (B) electric energy from generation facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy. The proposed definition of "Bulk-Power System" is identical to the definition in section 215 of the FPA and should therefore be accepted in compliance with the Commission's directive in Order No. 693." (pp. 5-6)
  - FERC Order (07/9/13) - Letter order approving proposed definitions

History of ROP term:

- Original version:
  - ERO Application (04/04/06) – NERC Bylaws: "Bulk power system" means facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof) and electric energy from generation facilities needed to maintain transmission system reliability, but does not include facilities used in the local distribution of electricity.
  - FERC Order (07/20/06) - 'We direct NERC to adopt definitions of the terms defined in Order No. 672 throughout its documents in its compliance filing. Any other definition of those terms is not acceptable.' (P 727)

- Revised version:
  - NERC Compliance Filing Addressing Governance Issues (09/18/2006): "NERC has modified the definitions of 'bulk power system', 'electric reliability organization', and 'regional entity' in Article I, Section 1 of the Bylaws to track the definitions in Order No. 672. NERC will also track the Order No. 672 definitions in its Rules of Procedure…"
  - NERC Non-Governance Compliance Filing (10/18/06): "NERC has modified the definitions of 'bulk power system', 'electric reliability organization', and 'regional entity' in Article I, Section 1 of its Bylaws to track the definitions in Order No. 672. NERC has also revised definitions in its Rules of Procedure to match definitions in Section 215(a) of the Federal Power Act and/or Part 39 of the Commission's regulations, including 'bulk power system', 'electric reliability organization,' 'reliable operation,' and 'reliability standard'." (pp. 71-72)

    "Bulk power system" means facilities and control systems necessary for operating an interconnected electric energy supply and transmission network (or any portion thereof), and electric energy from generating facilities needed to maintain transmission system

reliability. The term does not include facilities used in the local distribution of electric energy. (Attachment 1, Revised ROP, at Section 202 Specific Definitions)

- FERC Order Accepting Governance Compliance Filing (10/30/06): "NERC has modified the definitions of 'Bulk-Power System,' 'Electric Reliability Organization,' and 'Regional Entity' in article I, section 1 of the Bylaws to track the definitions in Order No. 672. NERC states that it also intends to incorporate Order No. 672 definitions in its Rules of Procedure." (P 125)
- FERC Order Accepting Non-Governance Compliance Filing (01/18/07): "NERC has appropriately revised definitions in its Bylaws and its Rules of Procedure to reflect these same definitions in Order No. 672." (P 223)

- Current version: **Effective as of 01/31/2012**
  - NERC Petition to Revise ROP (11/29/11): "The purposes of the proposed revisions are (1) to place all definitions of defined terms used anywhere in the ROP in a single, readily-accessible location (proposed new Appendix 2); (2) to capitalize defined terms throughout the ROP where such terms are intended to be used in their defined meanings; and (3) to lower-case other terms that are currently capitalized in the ROP but are not defined terms." (p. 1)
  - FERC Order Approving Amendments to the ROP (01/31/2012): "Pursuant to section 215(f) of the FPA and section 39.10(a) of the Commission's regulations, we approve the proposed revisions to the NERC Rules of Procedure. We agree with NERC that the revisions do not substantively change any original definitions in the Rules of Procedure; moreover, the Rules of Procedure remains procedurally and substantively the same. In addition, the creation of Appendix 2 offers a central, readily-accessible document containing all defined terms as used within the Rules of Procedure." (P 10)

II. USAGE OF DEFINED TERM: BULK POWER SYSTEM

List of usage of the term Bulk-Power System within Reliability Standards:

	Reliability Standard	Location
1	FAC-003-3	Background and Enforcement sections
2	IRO-004-2	Compliance Monitoring
3	MOD-001-2	Purpose
4	CIP-002-5.1	Guidelines and Technical Basis
5	CIP-003-3a	Appendix 1, Response to Question 1
6	MOD-001-2	Application Guidelines, Rationale for R5
7	PER-005-2	Application Guidelines, Rationale for TO
8	TPL-007-1	Application Guidelines, Requirement R2, R7

List of ROP provisions (other than Appendix 2) where Bulk Power System occurs: The term is used throughout the ROP, including all appendices.

List defined terms that include Bulk Power System in definition narrative:

	Glossary
1	N/A (not a glossary term)
2	N/A
3	No
4	N/A
5	N/A

	ROP
1	Cyber Security Incident
2	Electric Reliability Organization or ERO
3	Interconnection
4	NERC Compliance Registry, Compliance Registry or NCR
5	Receiving Entity

6	N/A
7	N/A
8	Reliability Standard
9	Reliable Operation
10	N/A
11	N/A
12	N/A

6	Regional Criteria
7	Registered Entity
8	Reliability Standard
9	Reliable Operation
10	Remedial Action Directive
11	Sector
12	Submitting Entity

List of other defined terms that are included in the Bulk Power System definition narrative:

Glossary: facilities, transmission, system

ROP: Facilities, transmission, system

III. DRAFTING TEAM ANALYSIS AND ASSESSMENT

Explanation of differences in definition narratives: Both the ROP and Glossary definitions have been approved by FERC as tracking the definition provided in the Federal Power Act. (*See*, Glossary: FERC Order; and ROP: FERC Order on Compliance Filing, FERC Order Approving Amendments to the ROP). However, there are a number of differences in the definition narrative, including: (1) the ROP definition does not contain a hyphen for Bulk Power System, but the Glossary term does; (2) the ROP capitalizes the term "Facilities" in part (A) but the Glossary does not; (3) the ROP contains the language "electric energy supply and transmission network" whereas the Glossary provides "electric energy transmission network;" and, (4) the ROP contains the word "generating" whereas the Glossary contains "generation."

How/why the terms may be applied differently as a result of the differences: The differences are relatively minor and do not result in inconsistent or different application of the term in the Glossary or ROP. However, the different language (*i.e.*, "electric energy supply and transmission network" vs. "electric energy transmission network") may lead to confusion or imply that the terms are intended to have different meanings. Because both terms are intended to have the meaning of the definition in the Federal Power Act, the standard drafting team believes these differences should be eliminated.

Proposed revision(s): The SDT proposes revisions to both the Glossary and ROP definition in order to align the two terms and maintain consistency with the Federal Power Act. Redlines of both definitions are provided below.

Redline of Glossary definition:

Bulk- Power System:

(A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and

(B) electric energy from generation facilities needed to maintain transmission system reliability.

The term does not include facilities used in the local distribution of electric energy. (In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1], defined terms contained in this narrative are not capitalized.) Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning.

Redline of ROP, Appendix 2 definition:

Bulk Power System" means, depending on the context:

(i) (A) ~~Facilities~~ facilities and control systems necessary for operating an interconnected electric energy ~~supply and~~ transmission network (or any portion thereof)~~;~~ and

(B) electric energy from generation~~g~~ facilities needed to maintain transmission system reliability.

The term does not include facilities used in the local distribution of electric energy. [++] (In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1], defined terms contained in this narrative are not capitalized.)-Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning.

(ii) Solely for purposes of Appendix 4E, Bulk Electric System.

Justification for decision: Both the ROP and Glossary definitions have been approved by FERC (*See*, Glossary: FERC Order; and ROP: FERC Order on Compliance Filing, FERC Order Approving Amendments to the ROP). However, there are a number of differences, mostly minor, in the two definitions. The different language may be perceived to mean that the terms are intended to have different meanings, when this is not the case. There is no reason for the terms to have differing definitions, as both terms are intended to have the meaning of the definition in Section 215 of the Federal Power Act. The SDT revisions align the terms by eliminating the unnecessary differences. Below is a summary of the proposed revisions:

(1) The SDT is proposing to remove the hyphen from the term Bulk-Power System in the Glossary because it is not being used as a compound modifier (two words coupled together to make an adjective). Because "bulk" is being used to describe the "power grid," no hyphen is needed. If instead, "bulk power" was being used to describe "grid," then a hyphen (compound modifier) would be appropriate to connect bulk-power.
(2) In both definitions, added a clarification sentence to explain that the defined terms contained in the definition (*e.g.*, system, transmission) are not capitalized in order to match the Federal Power Act definition (which does not capitalize the terms).
(3) In part (A) of the ROP definition, changed "Facilities" to lowercase "facilities" for the reason outlined in (2).
(4) In the ROP, revised "generating" to "generation" in order to match the Federal Power Act and Glossary definitions.
(5) In the ROP, revised "electric energy supply and transmission network" to "electric energy transmission network" in order to match the Federal Power Act and Glossary definitions.

Term 17: Generator Operator

Glossary Definition (differences in definition narrative indicated in red)	ROP Appendix 2 Definition (differences in definition narrative indicated in red)	SDT proposed revisions
The entity that operates generating unit(s) and performs the functions of supplying energy and Interconnected Operations Services.	the entity that operates generating Facility(ies) and performs the functions of supplying energy and Interconnected Operations Services.**	The SDT is proposing to revise the Glossary definition to align with the ROP. Redline of Glossary definition: The entity that operates generating Facility(ies) ~~unit(s)~~ and performs the functions of supplying energy and Interconnected Operations Services. Additionally, the SDT notes that during the course of its work on this project, the team reviewed and assessed the quality of the definition of "Facility." The SDT believes the clarity and content of the current definition could be improved. As a result, the SDT will draft a SAR proposing to revise the definition in order to address the issues identified by the SDT.

I. HISTORY AND BACKGROUND INFORMATION REGARDING "GENERATOR OPERATOR" DEFINITION

History of Glossary term:

- Original and current version – **Effective as of 03/16/07**
  - FERC Order No. 693 (03/16/07): "In conclusion, the Commission approves the glossary. Further, pursuant to section 215(d)(5) of the FPA and § 39.5(f) of our regulations, the Commission directs ERO to modify the glossary through the Reliability Standards development process to…(2) modify the definition of "transmission operator" and "generator operator" to include aspects unique to ISO, RTO and pooled resource organizations… (P 1899)

History of ROP term:

- Original version: Effective 01/31/2012 – 03/18/15
  - NERC Petition to Revise ROP (11/29/11): "The purposes of the proposed revisions are (1) to place all definitions of defined terms used anywhere in the ROP in a single, readily-accessible location (proposed new Appendix 2); (2) to capitalize defined terms throughout the ROP where such terms are intended to be used in their defined meanings; and (3) to lower-case other terms that are currently capitalized in the ROP but are not defined terms." (p. 1)
  - FERC Order approving amendments to the ROP (01/31/2012): "Pursuant to section 215(f) of the FPA and section 39.10(a) of the Commission's regulations, we approve the proposed revisions to the NERC Rules of Procedure. We agree with NERC that the revisions do not substantively change any original definitions in the Rules of Procedure; moreover, the Rules of Procedure remains procedurally and substantively the same. In addition, the creation of Appendix 2 offers a central, readily-accessible document containing all defined terms as used within the Rules of Procedure." (P 10)

- Current version: **Effective as of 03/19/15**
  - Revisions were made by the Risk Based Registration Initiative – Replaced "units" with "Facility(ies)"
  - NERC Petition (12/11/14)
  - FERC Order (03/19/15) – Approving revised definition

II. USAGE OF DEFINED TERM: GENERATOR OPERATOR

List of usage of the term Generator Owner within Reliability Standards:

	Reliability Standard	Location
1	All Reliability Standards applicable to GOPs	Applicability
2	CIP-002-5.1	Attachment 1
3	IRO-010-1a	Appendix 1
4	PER-005-2	Application Guidelines
5	PRC-023-3	Attachment B
6	TOP-001-1a	Appendix 1
7	VAR-001-4	Application Guidelines
8	VAR-002-3	Application Guidelines
9	VAR-002-4	Application Guidelines

List of ROP provisions (other than Appendix 2) where Generator Operator occurs:

	ROP provision	Page # [Link to ROP]
1	Section 302.1	8 of 483
2	Appendix 5A: Organization Registration and Certification Manual	401 of 483
3	Appendix 5B: Statement of Compliance Registry Criteria (Revision 5.2)	433-438 of 483
4	Appendix 8: NERC Blackout and Disturbance Response Procedures, Attachment E	482 of 483

List defined terms that include Generator Operator in definition narrative:

	Glossary
1	Bulk Electric System
2	Control Center
3	Nuclear Plant Generator Operator
4	Nuclear Plant Interface Requirements
5	System Operator

	ROP
1	Bulk Electric System
2	N/A
3	N/A
4	N/A
5	N/A

List of other defined terms that are included in the Generator Operator definition narrative:

Glossary: Interconnected Operations Services
ROP: Facility(ies), Interconnected Operations Services

III. DRAFTING TEAM ANALYSIS AND ASSESSMENT

Explanation of differences in definition narratives: The definitions were previously aligned. However, as part of the Risk Based Registration (RBR) Initiative undertaken in 2014, the ROP definition was revised and the word "unit" was replaced with "Facility(ies)." The RBR team believed it necessary to replace "unit" with "Facility(ies)" in order to incorporate the BES Definition. The RBR project work focused on changes to the ROP, and the team did not consider whether changes were needed to align any affected Glossary definitions.

How/why the terms may be applied differently as a result of the differences: The term "unit" is not a defined term in the Glossary or ROP. However, "unit" or "generating unit" are both used in definition narratives of a number of Glossary (and ROP) terms, including, but not limited to: Blackstart Resource, Bulk Electric System, Cranking Path, Economic Dispatch, Forced Outage, Host Balancing Authority, and Joint Control. The Merriam-Webster definition for unit is, "a single thing, person, or group that is a constituent of a whole." Click here for the Merriam-Webster website.

The term "Facility," on the other hand, is a defined term in the Glossary and ROP. Facility is defined as, "a set of electrical equipment that operates as a single Bulk Electric System Element (e.g., a line, a generator, a shunt compensator, transformer, etc.)." Also, the term "Element" (which is used in the definition of Facility) is, "any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An element may be comprised of one or more components."

Proposed revision(s): The SDT proposes to revise the Glossary definition to align with the ROP. No changes are proposed to the ROP.

> **Redline of Glossary definition:**
> The entity that operates generating Facility(ies) ~~unit(s)~~ and performs the functions of supplying energy and Interconnected Operations Services.

Justification for decision: The SDT is proposing to revise the Glossary definition to align with the ROP. This is because the term "unit" (used in the current Glossary definition) is not a NERC defined term, and thus introduces the possibility of inconsistent use or application of the definition. The ROP definition provides greater clarity because it uses the term "Facility(ies)," which is defined by NERC as, "a set of electrical equipment that operates as a single Bulk Electric System Element (*e.g.*, a line, a generator, a shunt compensator, transformer, etc.)." (*See also*, NERC Limited Answer to RBR Comments, pp. 6-7: "Finally, NERC's proposed changes to the definitions of "Generator Owner" and "Generator Operator" which include replacing the undefined term "generating units" with the term "Facilities," are appropriate. The term "Facilities" is defined in the NERC Glossary as a Bulk Electric System element, which ties in directly to the new BES definition. Use of the term "Facilities" has allowed NERC to eliminate the Part III threshold criteria and use the new Bulk Electric System core definition, inclusions and exclusions to identify Bulk Electric System generator assets.")

Term 18: Generator Owner

Glossary Definition (differences in definition narrative indicated in red)	ROP Appendix 2 Definitions (differences in definition narrative indicated in red)	SDT proposed revisions
Entity that owns and maintains generating units.	an entity that owns and maintains generating Facility(ies).**	The SDT is proposing to revise the Glossary definition to align with the ROP. Redline of Glossary definition: Entity that owns and maintains generating Facility(ies)~~units~~. Additionally, the SDT notes that during the course of its work on this project, the team reviewed and assessed the quality of the definition of "Facility." The SDT believes the clarity and content of the current definition could be improved. As a result, the SDT will draft a SAR proposing to revise the definition in order to address the issues identified by the SDT.

I. HISTORY AND BACKGROUND INFORMATION REGARDING "GENERATOR OWNER" DEFINITION

History of Glossary term:

- Original and current version – **Effective as of 03/16/07**
  - FERC Order No. 693 (03/16/07): "The Commission approves the glossary. The terms defined in the glossary have an important role in establishing consistent understanding of the Reliability Standards Requirements and implementation. The approval of the glossary will provide continuity in application of the glossary definitions industry-wide, and will eliminate multiple interpretations of the same term or function, which may otherwise create miscommunication and jeopardize Bulk-Power System reliability…" (P 1893)

History of ROP term:

- Original version: Effective 01/31/2012 – 03/18/15
  - NERC Petition to Revise ROP (11/29/11): "The purposes of the proposed revisions are (1) to place all definitions of defined terms used anywhere in the ROP in a single, readily-accessible location (proposed new Appendix 2); (2) to capitalize defined terms throughout the ROP where such terms are intended to be used in their defined meanings; and (3) to lower-case other terms that are currently capitalized in the ROP but are not defined terms." (p. 1)
  - FERC Order Approving Amendments to the ROP (01/31/2012): "Pursuant to section 215(f) of the FPA and section 39.10(a) of the Commission's regulations, we approve the proposed revisions to the NERC Rules of Procedure. We agree with NERC that the revisions do not substantively change any original definitions in the Rules of Procedure; moreover, the Rules of Procedure remains procedurally and substantively the same. In addition, the creation of Appendix 2 offers a central, readily-accessible document containing all defined terms as used within the Rules of Procedure." (P 10)

- Current version: **Effective as of 03/19/15**
  - Revisions were made by the Risk Based Registration Initiative – Replaced "units" with "Facility(ies)"
  - NERC Petition (12/11/14)
  - FERC Order (03/19/15) – Approving revised definition

II. USAGE OF DEFINED TERM: GENERATOR OWNER

List of usage of the term Generator Owner within Reliability Standards:

	Reliability Standard	Location
1	All Reliability Standards applicable to GOs	
2	PRC-005-1.1b	Appendix 1 Appendix 2
3	PRC-025-1	Attachment 1 Application Guideline
4	PRC-026-1	Application Guideline
5	TOP-005-2a	Appendix 2
6	TPL-007-1	Application Guideline
7	CIP-002-5.1	BES Cyber System Categorization
8	FAC-001-2	Application Guideline
9	FAC-003-3	Guideline & Technical Basis
10	IRO-010-1a	Appendix 1
11	MOD -025-2	Attachment 1
12	MOD-026-1	Attachment 1
13	MOD-027-1	Attachment 1
14	MOD-032-1	Application Guideline
15	PRC-004-3	Application Guideline
16	PRC-004-4	Application Guideline

List of ROP provisions (other than Appendix 2) where Generator Owner occurs:

	ROP provision	Page # [Link to ROP]
1	Section 302.1	8 of 483
2	Section 1702.1	105 of 483
3	Appendix 5A: Organization Registration and Certification Manual	401 of 483
4	Appendix 5B: Statement of Compliance Registry Criteria (Revision 5.2)	433 of 483 434 of 483
5	Appendix 8: NERC Blackout and Disturbance Response Procedures, Attachment E	482 of 483

List defined terms that include Generator Owner in definition narrative:

	Glossary
1	Bulk Electric System
2	Nuclear Plant Generator Operator
3	Right-of-Way
4	Transmission Customer
5	Vegetation Inspection

	ROP
1	Bulk Electric System
2	N/A
3	N/A
4	Transmission Customer
5	N/A

List of other defined terms that are included in the Generator Owner definition narrative:

Glossary: None

ROP: Facility(ies)

III. DRAFTING TEAM ANALYSIS AND ASSESSMENT

Explanation of differences in definition narratives: The definitions were previously aligned. However, as part of the Risk Based Registration (RBR) Initiative undertaken in 2014, the ROP definition was revised and the word "unit" was replaced with "Facility(ies)." The RBR team believed it necessary to replace "unit" with "Facility(ies)" in order to incorporate the BES Definition. The RBR project work focused on changes to the ROP, and the team did not consider whether changes were needed to align any affected Glossary definitions.

How/why the terms may be applied differently as a result of the differences: The term "unit" is not a defined term in the Glossary or ROP. However, "unit" or "generating unit" are both used in definition narratives of a number of Glossary (and ROP) terms, including, but not limited to: Blackstart Resource, Bulk Electric System, Cranking Path, Economic Dispatch, Forced Outage, Host Balancing Authority, and Joint Control. The Merriam-Webster definition for unit is, "a single thing, person, or group that is a constituent of a whole." Click here for the Merriam-Webster website.

The term "Facility," on the other hand, is a defined term in the Glossary and ROP. Facility is defined as, "a set of electrical equipment that operates as a single Bulk Electric System Element (e.g., a line, a generator, a shunt compensator, transformer, etc.)." Also, the term "Element" (which is used in the definition of Facility) is, "any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An element may be comprised of one or more components."

Proposed revision(s): The SDT proposes to revise the Glossary definition to align with the ROP. No changes are proposed to the ROP.

Redline of Glossary definition:

Entity that owns and maintains generating Facility(ies)~~units~~.

Justification for decision: The SDT is proposing to revise the Glossary definition to align with the ROP. This is because the term "unit" (used in the current Glossary definition) is not a NERC defined term, and thus introduces the possibility of inconsistent use or application of the definition. The ROP definition provides greater clarity because it uses the term "Facility(ies)," which is defined by NERC as, "a set of electrical equipment that operates as a single Bulk Electric System Element (*e.g.*, a line, a generator, a shunt compensator, transformer, etc.)." (*See also*, NERC Limited Answer to RBR Comments, pp. 6-7: "Finally, NERC's proposed changes to the definitions of "Generator Owner" and "Generator Operator" which include replacing the undefined term "generating units" with the term "Facilities," are appropriate. The term "Facilities" is defined in the NERC Glossary as a Bulk Electric System element, which ties in directly to the new BES definition. Use of the term "Facilities" has allowed NERC to eliminate the Part III threshold criteria and use the new Bulk Electric System core definition, inclusions and exclusions to identify Bulk Electric System generator assets.")

Term 29: Net Energy for Load or NEL

Glossary Definition (differences in definition narrative indicated in red)	ROP, Appendix 2 Definition (differences in definition narrative indicated in red)	SDT proposed revisions
Net Balancing Authority Area generation, plus energy received from other Balancing Authority Areas, less energy delivered to Balancing Authority Areas through interchange. It includes Balancing Authority Area losses but excludes energy required for storage at energy storage facilities.	net generation of an electric system plus energy received from others less energy delivered to others through interchange. It includes system losses but excludes energy required for the storage of energy at energy storage facilities.	No changes to either ROP or Glossary. The SDT recommends the terms remain unaligned. The differences in the definition narratives are appropriate given the differing uses of the term within the Glossary and ROP.

I. HISTORY AND BACKGROUND INFORMATION REGARDING "NET ENERGY FOR LOAD" DEFINITION

History of Glossary term:

- Original and current version: **Effective as of 03/16/07**
  - FERC Order No. 693 (03/16/07): "The Commission approves the glossary. The terms defined in the glossary have an important role in establishing consistent understanding of the Reliability Standards Requirements and implementation. The approval of the glossary will provide continuity in application of the glossary definitions industry-wide, and will eliminate multiple interpretations of the same term or function, which may otherwise create miscommunication and jeopardize Bulk-Power System reliability…" (P 1893)

History of ROP term:

- Original version
  - FERC Order No. 672 (02/03/06): Net Energy for Load means balancing authority area generation (less station use), plus energy received from other balancing authority areas, less energy delivered to balancing authority areas through interchange. It includes balancing authority area losses, but excludes energy required for storage at electric energy storage facilities, such as pumped storage. (P 35, FN 7)
  - FERC Order (07/20/06) - NERC's application proposes to base allocation of all costs for statutory activities on net energy for load. (P 155, 167)
  - NERC Non-Governance Compliance Filing (10/18/06): "Net Energy for Load" or "NEL" means net generation of an electric system plus energy received from others less energy delivered to others through interchange. It includes system losses but excludes energy required for the storage of energy at energy storage facilities. (Proposed Rules of Procedure, Section 202, Specific Definitions)
  - FERC Order Accepting Non-Governance Compliance Filing (01/18/07): "NERC has appropriately revised definitions in its Bylaws and its Rules of Procedure to reflect these same definitions in Order No. 672." (P 223)

- Current version: **Effective as of 01/31/2012**
  - NERC Petition to Revise ROP (11/29/11): "The purposes of the proposed revisions are (1) to place all definitions of defined terms used anywhere in the ROP in a single, readily-accessible location (proposed new Appendix 2)…" (p.1; p. 12: Definition taken from NERC Bylaws, Article 1 and ROP, Section 200).

- FERC Order Approving Amendments to the ROP (01/31/2012): "Pursuant to section 215(f) of the FPA and section 39.10(a) of the Commission's regulations, we approve the proposed revisions to the NERC Rules of Procedure. We agree with NERC that the revisions do not substantively change any original definitions in the Rules of Procedure; moreover, the Rules of Procedure remains procedurally and substantively the same. In addition, the creation of Appendix 2 offers a central, readily-accessible document containing all defined terms as used within the Rules of Procedure." (P 10)

II. USAGE OF DEFINED TERM: NET ENERGY FOR LOAD

List of usage of the term Net Energy for Load within Reliability Standards:

	Reliability Standard
1	MOD-016-1.1
2	MOD-017-0.1
3	MOD-018-0
4	MOD-021-1
5	MOD-031-1
6	TPL-006-0.1

List of ROP provisions (other than Appendix 2) where Net Energy for Load occurs:

	ROP provision	Page # [Link to ROP]
1	Section 804	71 of 483
2	Section 1101.1	84 of 483
3	Section 1101.4	84 of 483
4	Section 1103	93 of 483
5	Appendix 3A: Standards Process Manual – Footnote 10	141 of 483
6	Appendix 3B: Procedures for Election of Members of Standards Committee	186 of 483

List defined terms that include Net Energy for Load in definition narrative:

	Glossary
1	Peak Demand

	ROP
1	N/A

List of other defined terms that are included in the Net Energy for Load definition narrative:

Glossary: Balancing Authority Area
ROP: None

III. DRAFTING TEAM ANALYSIS AND ASSESSMENT

Explanation of differences in definition narratives: The Glossary definition is more specific in that it provides "Balancing Authority Area generation" and "received from other Balancing Authority Areas" whereas the ROP definition refers more broadly to "generation of an electric system" and "received from others."

How/why the terms may be applied differently as a result of the differences: The differences are significant and should remain due to the manner in which these terms are applied in their respective documents (ROP or Glossary). For example, as outlined above, FERC approved the ERO's proposal to base allocation of all costs for

statutory activities on net energy for load (See ROP, Section 1100). In the context of Reliability Standards, the collection of Net Energy for Load data is required for certain modeling standards (See MOD-031-3).

Proposed revision(s): Alignment is not recommended by SDT because the differences in the definition narrative are appropriate given the different uses of the term within the Glossary and ROP.

Justification for decision: The differences are significant and should remain due to the manner in which these terms are applied in their respective documents (ROP or Glossary).

Term 40: Reliability Standard

Glossary Definition (differences in definition narrative indicated in red)	ROP, Appendix 2 Definition (differences in definition narrative indicated in red)	SDT proposed revisions
A requirement, approved by the United States Federal Energy Regulatory Commission under this Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk-Power System]. The term includes requirements for the operation of existing bulk-power system [Bulk-Power System] facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk-Power System], but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity.	a requirement to provide for Reliable Operation of the Bulk Power System, including without limiting the foregoing, requirements for the operation of existing Bulk Power System Facilities, including cyber security protection, and including the design of planned additions or modifications to such Facilities to the extent necessary for Reliable Operation of the Bulk Power System, but the term does not include any requirement to enlarge Bulk Power System Facilities or to construct new transmission capacity or generation capacity. A Reliability Standard shall not be effective in the United States until approved by the Federal Energy Regulatory Commission and shall not be effective in other jurisdictions until made or allowed to become effective by the Applicable Governmental Authority.	The SDT is proposing revisions to both the Glossary and ROP definitions, as follows: Redline of Glossary definition: A requirement, approved by the United States Federal Energy Regulatory Commission under ~~this~~ Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk~~-~~ Power System]. The term includes requirements for the operation of existing bulk-power system [Bulk~~-~~ Power System] facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk~~-~~ Power System], but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity. (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.) Redline of ROP definition: a requirement, approved by the United States Federal Energy Regulatory Commission under Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk Power System]., ~~including without limiting the foregoing,~~ The term includes requirements for the operation of existing bulk-power system [Bulk Power System] ~~Facilities~~facilities, including cyber-security protection, and ~~including~~ the design of planned additions or modifications to such ~~Facilities~~ facilities to the extent necessary for reliable operation [Reliable Operation] of the bulk-power system [Bulk Power System], but the term does not include any requirement to enlarge ~~Bulk Power System~~ such ~~Facilities~~ facilities or to construct new transmission capacity or generation capacity.++ (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.) In certain contexts, this term may also refer to a "Reliability Standard" that is in the process of being developed, or not yet approved or recognized by FERC or an applicable governmental authority in other jurisdictions. ~~A Reliability Standard~~

			~~shall not be effective in the United States until approved by the Federal Energy Regulatory Commission and shall not be effective in other jurisdictions until made or allowed to become effective by the Applicable Governmental Authority.~~

I. HISTORY AND BACKGROUND INFORMATION REGARDING "RELIABILITY STANDARD" DEFINITION

History of Glossary term:

- Original version: 03/16/07 - 07/08/13
  - FERC Order No. 693 (03/16/07) - "The Commission directs the ERO to modify the glossary through the Reliability Standards development process to include the statutory definitions of the terms Bulk-Power System, Reliable Operation and Reliability Standard. However, this determination does not negate our discussion in the Applicability section of the Final Rule. While the glossary should be revised to include the statutory definition of Bulk-Power System, the Reliability Standards refer to the bulk electric system, which is also defined in the glossary." (P 1894)

- Current version: **Effective as of 07/09/13**
  - Revised by Project 2012-08.1 Phase 1 of the Glossary Updates for Statutory Definitions
  - NERC Petition (05/10/13) - The proposed definition borrows heavily from FPA, but makes slight alterations.

"The term "Reliability Standard" is defined in section 215 of the FPA as follows:

> (3) The term 'reliability standard' means a requirement, approved by the Commission under this section, to provide for reliable operation of the bulk-power system. The term includes requirements for the operation of existing bulk-power system facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for reliable operation of the bulk-power system, but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity.

The proposed definition of the term "Reliability Standard" for inclusion in the NERC Glossary is as follows:

> "Reliability Standard" means a requirement, approved by the United States Federal Energy Regulatory Commission under Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for Reliable Operation of the Bulk-Power System. The term includes requirements for the operation of existing Bulk-Power System facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for Reliable Operation of the Bulk-Power System, but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity.

As noted herein, the proposed definition of "Reliability Standard" is substantively identical to the definition in section 215 of the FPA, although the terms "Bulk-Power System" and "Reliable Operation" are capitalized to reflect the fact that they are defined terms and slight modifications were necessary to clarify the terms "Commission" and "section" (contained in the section 215 definition of the term "Reliability Standard").

"Commission" refers to the Federal Energy Regulatory Commission in the United States and applicable governmental authorities approving, or recognizing the standard, in other jurisdictions; similarly, "section" has been replaced with "section 215 of the Federal Power Act."
These minor modifications are fully consistent with section 215 and the recognized need for international agreements with the governments of Canada and Mexico to provide for effective compliance with Reliability Standards and the effectiveness of the ERO in the United States and Canada or Mexico. For these reasons, the proposed definition of "Reliability Standard" should be accepted in compliance with the Commission's directive in Order No. 693." (pp. 7-8)

- FERC Order (07/9/13) - Letter order approving proposed definitions

History of ROP term:

- Original version:
  - NERC Non-Governance Compliance Filing (10/18/06): "NERC has also revised definitions in its Rules of Procedure to match definitions in Section 215(a) of the Federal Power Act and/or Part 39 of the Commission's regulations, including 'bulk power system', 'electric reliability organization,' 'reliable operation,' and 'reliability standard'." (pp. 71-72)
    - " 'Reliability standard' means a requirement to provide for reliable operation of the bulk power system, including without limiting the foregoing, requirements for the operation of existing bulk power system facilities, including cyber security protection, and including the design of planned additions or modifications to such facilities to the extent necessary for reliable operation of the bulk power system, but the term does not include any requirement to enlarge bulk power system facilities or to construct new transmission capacity or generation capacity. A reliability standard shall not be effective in the United States until approved by the Federal Energy Regulatory Commission and shall not be effective in other jurisdictions until made or allowed to become effective by the applicable governmental authority.' (Citing, Attachment 1, Revised ROP, at Section 202)

  - FERC Order Accepting Non-Governance Compliance Filing (01/18/07): "NERC has appropriately revised definitions in its Bylaws and its Rules of Procedure to reflect these same definitions in Order No. 672." (P 223)

- Current version: **Effective as of 01/31/2012**
  - NERC Petition to Revise ROP (11/29/11): "The purposes of the proposed revisions are (1) to place all definitions of defined terms used anywhere in the ROP in a single, readily-accessible location (proposed new Appendix 2); (2) to capitalize defined terms throughout the ROP where such terms are intended to be used in their defined meanings; and (3) to lower-case other terms that are currently capitalized in the ROP but are not defined terms." (p. 1)
  - FERC Order Approving Amendments to the ROP (01/31/2012): "Pursuant to section 215(f) of the FPA and section 39.10(a) of the Commission's regulations, we approve the proposed revisions to the NERC Rules of Procedure. We agree with NERC that the revisions do not substantively change any original definitions in the Rules of Procedure; moreover, the Rules of Procedure remains procedurally and substantively the same. In addition, the creation of Appendix 2 offers a central, readily-accessible document containing all defined terms as used within the Rules of Procedure." (P 10)

II. USAGE OF DEFINED TERM: RELIABILITY STANDARD

List of usage of the term "Reliability Standard" within the Complete Set of Reliability Standards: The term appears at least 330 times within the Complete Set of NERC Reliability Standards. The overwhelming majority of these uses are in reference to a particular Reliability Standard (*e.g.*, Reliability Standard FAC-003-3). Such uses do not touch upon the concept of "Reliability Standard" in a way that revising the definition of the term would have any material impact. It also appears passim in the "Applicability" Section of the new CIP v5 Standards. Again, revision would have no material impact. Also, it appears in the "Effective Date" of many Reliability Standards. Again, revision would have no material impact.

List of ROP provisions (other than Appendix 2) where Reliability Standard occurs: The term appears over 850 times in the ROP. A number of the ROP provisions refer or apply to Reliability Standards that are currently under development, or are approved by the NERC Board of Trustees, but not yet approved by FERC or another applicable governmental authority.

List defined terms that include Reliability Standard in definition narrative:

	Glossary	ROP [Link to ROP]
1	Burden (not defined term)	The term is used in 38 ROP, Appendix 2 definitions.
2	Compliance Monitor (not defined term)	
3	Control Performance Standard (not defined term)	
4	Disturbance Control Standard (not defined term)	
5	Remedial Action Scheme	
6	Extraordinary Contingency (referencing WECC Reliability Standard)	
7	Functionally Equivalent Protection System	
8	Functionally Equivalent RAS	

List of all other defined terms that are included in the Reliability Standard definition narrative:

Glossary: Reliable Operation, Bulk-Power System, facility(ies)
ROP: Reliable Operation, Bulk Power System, Facility, Applicable Governmental Authority

III. DRAFTING TEAM ANALYSIS AND ASSESSMENT

Explanation of differences in definition narratives: The Glossary definition is somewhat more limiting because it defines "Reliability Standard" as a "requirement approved by the United States Federal Energy Regulatory Commission…" The ROP definition is broader than the Glossary definition because it does not include the "approved" language and includes those standards that are not yet FERC-approved.

How/why the terms may be applied differently as a result of the differences: The difference in these definitions is meaningful. The Glossary term is narrower than the ROP term. This difference may cause confusion when applying the definition in the ROP when addressing standards that are currently under development, or approved by the NERC Board of Directors, but not yet FERC-approved.

Proposed revision(s): The drafting team proposes revisions to both the Glossary and ROP definitions.

Redline of Glossary definition:

A requirement, approved by the United States Federal Energy Regulatory Commission under ~~this~~ Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk~~-~~ Power System]. The term includes requirements for the operation of existing bulk-power system [Bulk~~-~~ Power System] facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk~~-~~ Power System], but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity. (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)

Redline of ROP Appendix 2 definition:

a requirement, approved by the United States Federal Energy Regulatory Commission under Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk Power System]~~, including without limiting the foregoing,~~ The term includes requirements for the operation of existing bulk-power system [Bulk Power System] ~~Facilities~~facilities, including cyber~~-~~security protection, and ~~including~~ the design of planned additions or modifications to such ~~Facilities~~ facilities to the extent necessary for reliable operation [Reliable Operation] of the bulk-power system [Bulk Power System], but the term does not include any requirement to enlarge ~~Bulk Power System~~ such ~~Facilities~~ facilities or to construct new transmission capacity or generation capacity.~~+~~+ (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.) In certain contexts, this term may also refer to a "Reliability Standard" that is in the process of being developed, or not yet approved or recognized by FERC or an applicable governmental authority in other jurisdictions. ~~A Reliability Standard shall not be effective in the United States until approved by the Federal Energy Regulatory Commission and shall not be effective in other jurisdictions until made or allowed to become effective by the Applicable Governmental Authority.~~

Justification for decision: The SDT believes the proposed revisions will allow the ROP definition to align with the Glossary definition, which tracks the language in the Federal Power Act. The Glossary was revised through Project 2012-08.1 to address a FERC directive to adopt the Federal Power Act definition. The Project 2012-08.1 drafting team noted in their response to industry comments that any necessary revisions to the ROP definition would be made through a separate project. The Project 2015-04 SDT is now proposing to make these revisions to align the definitions. Because a number of ROP provisions refer or apply to Reliability Standards that are currently under development, or are approved by the NERC Board of Trustees, but not yet FERC-approved, the SDT is proposing to add qualifying language to the ROP definition. The ROP definition explains that in certain contexts, "Reliability Standard" may refer to a standard that is in the process of being developed, and not yet FERC-approved.

Term 44: Sink Balancing Authority

Glossary Definition (differences in definition narrative indicated in red)	ROP, Appendix 2 Definition (differences in definition narrative indicated in red)	SDT proposed revisions
The Balancing Authority in which the load (sink) is located for an Interchange Transaction and any resulting Interchange Schedule.	the Balancing Authority in which the Load (sink) is located for an Interchange Transaction.**	The SDT is proposing to revise the ROP definition to align with the Glossary definition. Redline of ROP definition: the Balancing Authority in which the ~~Load~~ load (sink) is located for an Interchange Transaction and any resulting Interchange Schedule.**

I. HISTORY AND BACKGROUND INFORMATION REGARDING "SINK BALANCING AUTHORITY" DEFINITION

History of Glossary term:

- Original version: FERC approved 3/16/2007: "The Balancing Authority in which the load (sink) is located for an Interchange Transaction. (This will also be a Sending Balancing Authority for the resulting Interchange Schedule.)"

- Current version: **Effective as of 10/01/2014**
  - Revisions made by Project 2008-12 Coordinate Interchange Standards
  - NERC Petition (02/27/2014) - "The proposed revisions to "Sink Balancing Authority" are intended to clarify the various Balancing Authorities involved in the implementation of Interchange and their relationships with regards to Interchange." (p. 33)
  - FERC Order (06/30/2014) – Letter order approving the revised Glossary definition

History of ROP term:

- Current version: **Effective as of 07/01/13**
  - NERC Petition (11/29/2011) - Added Appendix 2 to ROP and adopted existing Glossary definition for Sink Balancing Authority (p. 14)
  - FERC Order (01/31/2012) - "These revisions are being proposed as a result of P 93 of the Commission's Order issued October 21, 2010, in Docket No. RR10-11-000, in which the Commission invited NERC to submit a filing making consistent use of defined terms throughout the ROP and Appendices." (p. 1)
  - NERC Petition (01/25/12) – Minor revisions to "Sink Balancing Authority" to reflect changes resulting from new BES Definition

II. USAGE OF DEFINED TERM: SINK BALANCING AUTHORITY

List of usage of the term Sink Balancing Authority within Reliability Standards:

	Reliability Standard
1	BAL-006-2
2	INT-001-3
3	INT-004-3.1
4	INT-005-3

5	INT-006-4
6	INT-010-2.1
7	IRO-006-East-1
8	MOD-028-2

List of ROP provisions (other than Appendix 2) where Sink Balancing Authority occurs: None.

List defined terms that include Sink Balancing Authority in definition narrative:

	Glossary
1	Intermediate Balancing Authority
2	Request for Interchange (Archive)
3	Contributing Schedule
4	Relief Requirement (Archive)

	ROP
1	N/A
2	N/A
3	N/A
4	N/A

List of other defined terms that are included in the Sink Balancing Authority definition narrative:

Glossary: Balancing Authority, load, Interchange Transaction, Interchange Schedule
ROP: Balancing Authority, Load, Interchange Transaction

III. DRAFTING TEAM ANALYSIS AND ASSESSMENT

Explanation of differences in definition narratives: There are two differences between the Glossary and ROP definitions: (1) the Glossary definition does not capitalize the term "load" whereas the ROP definition does; and, (2) the Glossary definition includes "an Interchange Transaction and any resulting Interchange Schedule" whereas the ROP definition only provides "an Interchange Transaction."

How/why the terms may be applied differently as a result of the differences: The language added through the Project 2008-12 Coordinate Interchange Standards did not impact or change the meaning of the definitions. The changes to the Glossary definition clarified the various Balancing Authorities involved in the implementation of Interchange and their relationship to Interchange. Additionally, the Glossary definition correctly uses lowercase for "load" rather than the defined term, which is appropriate given that the use of load in the narrative does not appear to have the meaning of the NERC definition. The SDT is proposing to correct the ROP definition to reflect the lowercase usage of the word "load" so that it is aligned with the Glossary definition.

Proposed revision(s): The SDT proposes to revise the ROP definition to align with the Glossary definition.

Redline of ROP definition:

the Balancing Authority in which the ~~Load~~ load (sink) is located for an Interchange Transaction and any resulting Interchange Schedule.**

Justification for decision: The original Glossary definition became effective in March 2007. The ROP definition adopted the Glossary definition when Appendix 2 was created in 2012. Note that the ROP definition is marked with a double asterisk (**), indicating it was taken from the Glossary. Subsequently, in 2014, the Glossary term was revised to provide greater clarity. The ROP definition was not updated to reflect the revised Glossary definition.

Term 45: Source Balancing Authority

Glossary Definition (differences in definition narrative indicated in red)	ROP, Appendix 2 Definition (differences in definition narrative indicated in red)	SDT proposed revisions
The Balancing Authority in which the generation (source) is located for an Interchange Transaction and for any resulting Interchange Schedule.	the Balancing Authority in which the generation (source) is located for an Interchange Transaction.**	The SDT is proposing to revise the ROP definition to align with the Glossary definition. Redline of ROP definition: the Balancing Authority in which the generation (source) is located for an Interchange Transaction and for any resulting Interchange Schedule.**

I. HISTORY AND BACKGROUND INFORMATION REGARDING "SOURCE BALANCING AUTHORITY" DEFINITION

History of Glossary term:

- Original version: Effective dates 03/16/07 – 09/30/14 (Version 0: "The Balancing Authority in which the generation (source) is located for an Interchange Transaction. This will also be a Sending Balancing Authority for the resulting Interchange Schedule.")

- Current version: **Effective as of 10/01/2014**
  - Revisions made by Project 2008-12 Coordinate Interchange Standards
  - NERC Petition (02/27/14) - "The proposed revisions to "Source Balancing Authority" are intended to clarify the various Balancing Authorities involved in the implementation of Interchange and their relationships with regards to Interchange." (p. 34)
  - FERC Order (06/30/2014) – FERC letter order approving revised Glossary definition

History of ROP term:

- Current version: **Effective as of 01/31/2012**
  - NERC Petition (11/29/2011) - Added Appendix 2 to ROP and adopted existing Glossary definition for Adjacent Balancing Authority (see p. 9)
  - FERC Order (01/31/2012) - "These revisions are being proposed as a result of P 93 of the Commission's Order issued October 21, 2010, in Docket No. RR10-11-000, in which the Commission invited NERC to submit a filing making consistent use of defined terms throughout the ROP and Appendices." (p. 1)

II. USAGE OF DEFINED TERM: SOURCE BALANCING AUTHORITY

List of all usage of the term Source Balancing Authority within Reliability Standards:

	Reliability Standard
1	BAL-006-2
2	INT-005-3
3	INT-006-4
74	MOD-028-2

List of all ROP provisions (other than Appendix 2) where Source Balancing Authority occurs: None.

List all defined terms that include Source Balancing Authority in definition narrative:

	Glossary
1	Intermediate Balancing Authority
2	Contributing Schedule

	ROP
1	N/A
2	N/A

List of all other defined terms that are included in the Source Balancing Authority definition narrative:

Glossary**:** Balancing Authority, Interchange Transaction, Interchange Schedule

ROP: Balancing Authority, Interchange Transaction

III. DRAFTING TEAM ANALYSIS AND ASSESSMENT

Explanation of differences in definition narratives: The Glossary definition includes "and for any resulting Interchange Schedule" whereas the ROP does not.

Explain how/why the terms may be applied differently as a result of the differences: The language added through the Project 2008-12 Coordinate Interchange Standards did not impact or change the meaning of the definitions. The changes to the Glossary definition clarified the various Balancing Authorities involved in the implementation of Interchange and their relationship to Interchange.

Proposed revision(s). The SDT proposes to revise the ROP definition to align with the Glossary definition.

Redline of ROP definition:

the Balancing Authority in which the generation (source) is located for an Interchange Transaction and for any resulting Interchange Schedule.**

Justification for decision: The original Glossary definition became effective in March 2007. The ROP definition adopted the Glossary definition when Appendix 2 was created in 2012. Note that the ROP definition is marked with a double asterisk (**), indicating it was taken from the Glossary. Subsequently, in 2014, the Glossary term was revised to provide greater clarity. The ROP definition was not updated to reflect the revised Glossary definition.

Term 48: System Operating Limit (SOL)

Glossary Definition (differences in definition narrative indicated in red)	ROP, Appendix 2 Definition (differences in definition narrative indicated in red)	SDT proposed revisions
The value (such as MW, MVar, Amperes, Frequency or Volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to: • Facility Ratings (Applicable pre- and post-Contingency equipment or facility ratings) • Transient Stability Ratings (Applicable pre- and post-Contingency Stability Limits) • Voltage Stability Ratings (Applicable pre- and post-Contingency Voltage Stability) • System Voltage Limits (Applicable pre- and post-Contingency Voltage Limits)	the value (such as MW, Mvar, amperes, frequency or volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria.**	The SDT is proposing to revise both the Glossary and ROP, as follows: Redline of Glossary definition: The value (such as MW, MVar, ~~A~~amperes, ~~Frequency~~ frequency or ~~Volts~~volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to: • Facility Ratings (~~Applicable~~ applicable pre- and post-Contingency ~~equipment~~ Equipment Ratings or ~~facility~~ Facility ~~ratings~~Ratings) • ~~Transient~~ transient ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Stability~~ stability ~~Limits~~limits) • ~~Voltage~~ voltage ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Stability~~stability) • ~~System~~ system ~~Voltage~~ voltage ~~Limits~~ limits (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Limits~~limits) Redline of ROP definition: the value (such as MW, Mvar, amperes, frequency or volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to: • facility ratings (applicable pre- and post-contingency equipment ratings or facility ratings) • transient stability ratings (applicable pre- and post-contingency stability limits) • voltage stability ratings (applicable pre- and post-contingency voltage stability) • system voltage limits (applicable pre- and post-contingency voltage limits).**

I. HISTORY AND BACKGROUND INFORMATION REGARDING "SYSTEM OPERATING LIMIT" DEFINITION

History of Glossary term:

- Original and current version: **Effective date 07/08/13**
  - FERC Order No. 693 (03/16/07) - "The Commission directs the ERO to modify the glossary through the Reliability Standards development process to include the statutory definitions of the terms Bulk-Power System, Reliable Operation and Reliability Standard. However, this determination does not negate our discussion in the Applicability section of the Final Rule. While the glossary should be revised to include the statutory definition of Bulk-Power System, the Reliability Standards refer to the bulk electric system, which is also defined in the glossary." (P 1894)

History of ROP term:

- Current version: **Effective as of 01/31/2012**
  - NERC Petition (11/29/2011) - Added Appendix 2 to ROP and adopted existing Glossary definition for System Operating Limit (see p. 14)
  - FERC Order (01/31/2012) - "These revisions are being proposed as a result of P 93 of the Commission's Order issued October 21, 2010, in Docket No. RR10-11-000, in which the Commission invited NERC to submit a filing making consistent use of defined terms throughout the ROP and Appendices."

II. USAGE OF DEFINED TERM: SYSTEM OPERATING LIMIT

List of usage of the term "System Operating Limit" within Reliability Standards: The term appears over fifty times within the Complete Set of NERC Reliability Standards. A majority of these occurrences are in the FAC, IRO and TOP standards (the term also appears in CIP, EOP, MOD, PER, and PRC standards).

List of ROP provisions (other than Appendix 2) where System Operating Limit occurs:

	ROP provision	Page # [Link to ROP]
1	Appendix 4C – CMEP, Section 1.1.11	216 of 483
2	NERC Blackout and Disturbance Response Procedures	468 of 483

List defined terms that include System Operating Limit in definition narrative:

	Glossary
1	Burden
2	Constrained Facility
3	N/A
4	Interconnection Reliability Operating Limit
5	Total Flowgate Capability

	ROP
1	N/A
2	N/A
3	Exception Report
4	Interconnection Reliability Operating Limit
5	N/A

List of other defined terms that are included in the System Operating Limit definition narrative:

Glossary: system, Facility Rating, Contingency, Equipment Rating

ROP: system

III. DRAFTING TEAM ANALYSIS AND ASSESSMENT

Explanation of differences in definition narratives: The Glossary definition explains that System Operating Limits are based on certain operating criteria, and it provides a non-exhaustive listing of what that operating criteria may be. The ROP does not contain this additional level of detail.

How/why the terms may be applied differently as a result of the differences: The definitions are similar, however, the Glossary provides more clarity by giving examples of what the operating criteria might be. While the Glossary definition may provide more clarity with the examples, the definitions are consistent with one another and the differences should not result in different application of the term.

Proposed revision(s): The SDT is proposing revisions to both the Glossary and ROP definitions.

Redline of Glossary definition:

The value (such as MW, MVar, ~~A~~amperes, ~~Frequency~~ frequency or ~~Volts~~volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to:

- Facility Ratings (~~Applicable~~ applicable pre- and post-Contingency ~~equipment~~ Equipment Ratings or ~~facility~~ Facility ~~ratings~~Ratings)
- ~~Transient~~ transient ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Stability~~ stability ~~Limits~~limits)
- ~~Voltage~~ voltage ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Stability~~stability)
- ~~System~~ system ~~Voltage~~ voltage ~~Limits~~ limits (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Limits~~limits).

Redline of ROP definition:

the value (such as MW, Mvar, amperes, frequency or volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to:

- facility ratings (applicable pre- and post-contingency equipment ratings or facility ratings)
- transient stability ratings (applicable pre- and post-contingency stability limits)
- voltage stability ratings (applicable pre- and post-contingency voltage stability)
- system voltage limits (applicable pre- and post-contingency voltage limits).**

Justification for decision: The ROP definition adopted the Glossary definition when Appendix 2 was created in 2012. Note that the ROP definition is marked with a double asterisk (**), indicating it was taken from the Glossary. However, despite the double asterisk (**) indicator, the ROP definition only adopted a portion of the Glossary definition. The SDT is proposing to align the ROP with the Glossary definition. The Glossary definition

provides more clarity with the non-exhaustive list of examples. Additionally, the SDT revised the Glossary definition to lowercase those terms that are not defined terms, and thus, should not be capitalized in the definition narrative.

Part IV: Group 2 recommendations

There are a total of six (6) Group 2 cross-over terms:

Term 8: Critical Assets

Term 9: Critical Cyber Assets

Term 10: Cyber Assets

Term 11: Cyber Security Incident

Term 25: Interconnection

Term 46: Special Protection System

The SDT is recommending revisions to one (1) of the Group 2 cross-over terms. Below is an overview of the SDT research, assessment, proposed revision(s), and justification for each of the recommendations.

CIP-RELATED CROSS-OVER TERMS

Term 8: Critical Assets

Glossary Definition (differences in definition narrative indicated in red)	ROP, Appendix 2 Definition (differences in definition narrative indicated in red)	SDT proposed revisions
Glossary term (inactive 03/31/16): Facilities, systems, and equipment which, if destroyed, degraded, or otherwise rendered unavailable, would affect the reliability or operability of the Bulk Electric System.	Facilities, systems, and equipment which, if destroyed, degraded, or otherwise rendered unavailable, would affect the reliability or operability of the Bulk Electric System.**	The SDT is not proposing revisions to the cross-over terms at this time. This is because the changes that would be necessary to align the terms would necessitate a large number of other changes that are outside the scope of the SAR for this project. For the reasons outlined below, the SDT will submit a SAR to address the alignment of terms for all CIP-related definitions. The proposed SAR will include alignment of the defined terms to incorporate the changes to the ROP definitions made through the Version 5 revisions, and also any revisions necessary to provisions of the ROP as a result of proposed changes to the ROP defined terms contained in Appendix 2. The SAR will propose that members of the Project 2008-06 SDT are involved with the revisions to the ROP.

Term 9: Critical Cyber Assets

Glossary Definition (differences in definition narrative indicated in red)	ROP, Appendix 2 Definition (differences in definition narrative indicated in red)	SDT proposed revisions
Glossary term (inactive 03/31/2016): Cyber Assets essential to the reliable operation of Critical Assets.	Cyber Assets critical to the reliable operation of Critical Assets.**	The SDT is not proposing revisions to the cross-over terms at this time. This is because the changes that would be necessary to align the terms would necessitate a large number of other changes that are outside the scope of the SAR for this project. For the reasons outlined below, the SDT will submit a SAR to address the alignment of terms for all CIP-related definitions. The proposed SAR will include alignment of the defined terms to incorporate the changes to the ROP definitions made through the Version 5 revisions, and also any revisions necessary to provisions of the ROP as a result of proposed changes to the ROP defined terms contained in Appendix 2. The SAR will propose that members of the Project 2008-06 SDT are involved with the revisions to the ROP.

Term 10: Cyber Assets

Glossary Definition (differences in definition narrative indicated in red)	ROP, Appendix 2 Definition (differences in definition narrative indicated in red)	SDT proposed revisions
Current definition (inactive 3/31/16):		The SDT is not proposing revisions to the cross-over terms at this time. This is because the changes that

Programmable electronic devices and communication networks including hardware, software, and data. Revised definition (effective 4/1/2016): Programmable electronic devices, including the hardware, software, and data in those devices.	programmable electronic devices and communication networks including hardware, software, and data.** programmable electronic devices and communication networks including hardware, software, and data.**	would be necessary to align the terms would necessitate a large number of other changes that are outside the scope of the SAR for this project. For the reasons outlined below, the SDT will submit a SAR to address the alignment of terms for all CIP-related definitions. The proposed SAR will include alignment of the defined terms to incorporate the changes to the ROP definitions made through the Version 5 revisions, and also any revisions necessary to provisions of the ROP as a result of proposed changes to the ROP defined terms contained in Appendix 2. The SAR will propose that members of the Project 2008-06 SDT are involved with the revisions to the ROP.

Term 11: Cyber Security Incident

Glossary Definition (differences in definition narrative indicated in red)	ROP, Appendix 2 Definition (differences in definition narrative indicated in red)	SDT proposed revisions
Current definition (inactive 03/31/16): Any malicious act or suspicious event that: • Compromises, or was an attempt to compromise, the Electronic Security Perimeter or Physical Security Perimeter of a Critical Cyber Asset, or, • Disrupts, or was an attempt to disrupt, the operation of a Critical Cyber Asset. Revised definition (effective 04/01/16): A malicious act or suspicious event that: • Compromises, or was an attempt to compromise, the Electronic Security Perimeter or Physical Security Perimeter or, • Disrupts, or was an attempt to disrupt, the operation of a BES Cyber System.	any malicious or suspicious event that disrupts, or was an attempt to disrupt, the operation of those programmable electronic devices and communications networks including hardware, software and data that are essential to the Reliable Operation of the Bulk Power System.++ any malicious or suspicious event that disrupts, or was an attempt to disrupt, the operation of those programmable electronic devices and communications networks including hardware, software and data that are essential to the Reliable Operation of the Bulk Power System.++	The SDT is not proposing revisions to the cross-over terms at this time. This is because the changes that would be necessary to align the terms would necessitate a large number of other changes that are outside the scope of the SAR for this project. For the reasons outlined below, the SDT will submit a SAR to address the alignment of terms for all CIP-related definitions. The proposed SAR will include alignment of the defined terms to incorporate the changes to the ROP definitions made through the Version 5 revisions, and also any revisions necessary to provisions of the ROP as a result of proposed changes to the ROP defined terms contained in Appendix 2. The SAR will propose that members of the Project 2008-06 SDT are involved with the revisions to the ROP.

I. HISTORY AND BACKGROUND INFORMATION REGARDING THE CIP-RELATED CROSS OVER TERMS

In 2008, in Order No. 706, FERC approved a number of revised CIP standards and CIP-related Glossary definitions, including the cross-over terms that are currently under review in this project. Thereafter, in 2011, NERC filed a Petition requesting approval to create a ROP Appendix 2 which would house all of the defined terms used or necessary for the ROP provisions. In 2012, FERC issued an Order Approving Amendments to the ROP. In the ROP, Appendix 2, defined terms that were taken from the Glossary were marked with a double asterisk (**); whereas terms taken from the Federal Power Act were marked with a double plus sign (++). All of the cross-over terms that are currently under review by the SDT were added to the ROP, Appendix 2 in this filing. Of those terms, three terms-- Critical Assets, Critical Cyber Assets, and Cyber Assets-- are marked with a double asterisk (**) because they were

taken from the Glossary; one term-- Cyber Security Incident-- is marked with a double plus sign (++) because it was taken from the Federal Power Act.

In 2012, Project 2008-06 made substantial revisions to the CIP Reliability Standards, including revisions to a number of the defined terms used therein. In NERC's petition for approval of the revised standards, "NERC proposes nineteen CIP-related definitions for inclusion in the NERC Glossary. This includes fifteen new definitions and four revised definitions, as well as the retirement of two definitions." See, FERC Order No. 791 P 113.
The 15 newly proposed Glossary definitions included:

1. BES Cyber Asset
2. BES Cyber System
3. BES Cyber System Information
4. CIP Exceptional Circumstances
5. CIP Senior Manager
6. Control Center
7. Dial-up Connectivity
8. Electronic Access Control or Monitoring Systems (EACMS)
9. Electronic Access Point (EAP)
10. External Routable Connectivity
11. Interactive Remote Access
12. Intermediate System
13. Physical Access Control Systems (PACS)
14. Protected Cyber Assets (PCA)
15. Reportable Cyber Security Incident

Also, NERC proposed revisions to four existing Glossary definitions:

1. Cyber Assets
2. Cyber Security Incident
3. Electronic Security Perimeter (ESP)
4. Physical Security Perimeter (PSP)

Further, NERC proposed to retire two existing Glossary definitions:

1. Critical Assets
2. Critical Cyber Assets

These proposed revisions to the Glossary terms were approved by FERC, and become effective March 31, 2016 (retired terms) and April 01, 2016 (new and revised terms). (*See*, FERC Order No. 791). However, no conforming changes were proposed for the defined terms contained in the ROP, Appendix 2. As a result, beginning March 31, 2016, a number of CIP-related defined terms will not be aligned.

II. USAGE OF CIP-RELATED DEFINED TERMS

The four (4) cross-over terms at issue are used throughout the CIP Reliability Standards. Also, the terms are used in a number of ROP provisions, including:

1. Section 400 – Compliance Enforcement, Section 401.10 and 403.13 (*see* pp. 29-39 of 483);
2. Section 1500 – Confidential Information (*see*, p. 96 of 483);
3. Appendix 4C: Compliance Monitoring and Enforcement Program, Section 1.1.5 – Definitions (*see*, p. 262 of 483);
4. Appendix 4C: Compliance Monitoring and Enforcement Program – Attachment 2 - Section 1.5.10, 1.7.4 (*see*, pp. 291, 299, 301 of 483);

5. Appendix D – Technically Feasible Exception Procedure (*see*, pp. 309-310 of 483);
6. Compliance and Certification Committee Hearing Procedures - 1.1.5 Definitions (*see*, pp. 334, 336, 357, 363, 364 of 483);
7. Appendix 5B – Statement of Compliance Registry Criteria (see, p. 438 of 483);
8. Hearing Procedures for Use in Appeals of Certification Matters (*see*, pp. 373, 384, 389 of 483)

III. DRAFTING TEAM ANALYSIS AND ASSESSMENT

The SDT is not proposing any revisions to the cross-over terms at this time. This is because the changes that are necessary to align the four cross-over terms would also necessitate a large number of other changes that are outside the scope of the SAR for this project. For example, if changes were made to revise the ROP definition to align with the future enforceable Glossary definition of Cyber Security Incident, three (3) new defined terms would need to be introduced to the ROP-- BES Cyber System, Physical Security Perimeter and Electronic Security Perimeter. Also, the defined term "BES Cyber System" contains the defined term "BES Cyber Asset," which is not defined in the ROP. These four defined terms would need to be added to the ROP because they are not currently defined terms in the ROP, and the definition narratives that would be adopted contain the defined terms.

Another example is the terms, Critical Asset and Critical Cyber Asset, which were retired by the Project 2008-06 team. The CIP version 5 drafting team retired these two terms in the Glossary because the revisions associated with the Version 5 CIP standards "moves away from the CIP version 4 'bright-line' approach of only identifying Critical Assets (and applying CIP requirements only to their associated Critical Cyber Assets), to requiring a minimum classification of 'Low Impact' for all BES Cyber Systems." (See, FERC Order No. 791, P14). In conjunction with the retirement of these two Glossary terms, however, the CIP SDT made a number of revisions to other defined terms and added new definitions to reflect the paradigm shift to classifying BES Cyber Systems. Therefore, in order for this drafting team to adopt the approach taken by the CIP version 5 changes, the team could not simply retire the two cross-over terms that are currently within the scope of the SAR. Rather, the team would have to make all of the other corresponding and necessary changes that were made in conjunction with the CIP version 5 work. For example, the team added the new term, "BES Cyber Asset" to replace the retired terms. This is not a defined term in the ROP, so it would need to be added to Appendix 2. The Glossary definition of "BES Cyber Asset" includes two defined terms-- Electronic Security Perimeter and Cyber Asset. These two defined terms would need to be added to the ROP and align with the Glossary definition.

Additionally, any changes to the ROP definitions would necessitate a thorough review and analysis of the provisions of the ROP that use any of those terms-- both defined and lowercase usage. This is because the ROP currently contains a number of provisions which use the cross-over terms according to the manner in which they are currently defined in the ROP. The alignment changes may alter or affect the meaning of these ROP provisions (see above listing for examples of ROP provisions that use the current ROP definitions).

For the reasons outlined above, the SDT will submit a SAR to address the alignment of terms for all CIP-related definitions. The proposed SAR will include alignment of the defined terms to incorporate the changes to the ROP definitions made through the Version 5 revisions, and also any revisions necessary to provisions of the ROP as a result of proposed changes to the ROP defined terms contained in Appendix 2. The SAR will propose that members of the Project 2008-06 SDT are involved with the revisions to the ROP.

Term 25: Interconnection

Glossary Definition (differences in definition narrative indicated in red)	ROP, Appendix 2 Definition (differences in definition narrative indicated in red)	SDT proposed revisions
Currently effective (inactive as of 06/30/16): When capitalized, any one of the three major electric system networks in North America: Eastern, Western, and ERCOT. FERC-approved (effective date 07/01/16) When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.	a geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control.++	The SDT is proposing to revise both the Glossary and ROP definitions (effective no earlier than 07/01/16), as follows: Redline of Glossary definition: A geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control. When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec. Redline of ROP definition: a geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control.++ When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.**

I. HISTORY AND BACKGROUND INFORMATION REGARDING "INTERCONNECTION" DEFINITION

History of Glossary term:

- Original and current version: Effective 03/16/07 – current
  - FERC Order No. 693 (03/16/07) "When capitalized, any one of the three major electric system networks in North America: Eastern Western, and ERCOT." (P 1898)

- Future version: **Effective beginning 07/01/16**
  - Revised by Project 2010-14.1 - Phase 1 Balancing Authority Reliability-based Controls.
  - NERC Petition (04/02/14) – Revised definition to include Quebec interconnection.
  - FERC Order No. 810 (04/16/15) – Revised definition approved.

History of ROP term:

- Original version: Effective 03/17/07 – 01/30/12). Version 0: "Interconnection" means an electric energy supply and transmission network in which the component electric facilities are interconnected and operated synchronously and to which the only connections to other electric networks are asynchronous. (*See*, FERC Order Certifying NERC as ERO).

- Revised and current version: **Effective as of 01/31/2012**
  - FERC Order (01/31/2012) – The current version is taken from 18 C.F.R. Part 39.1 and the Federal Power Act, Section 215.

II. USAGE OF DEFINED TERM: INTERCONNECTION

List of all usage of the term Interconnection within Reliability Standards: The term appears in at least thirty-five (35) times in the Complete Set of Reliability Standards. The majority of the occurrences are in the BAL, EOP, IRO, MOD and TOP standards.

List of all ROP provisions (other than Appendix 2) where Interconnection occurs:

	ROP provision	Page # [Link to ROP]
1	Section 300, 302, 312	8-20 of 483
2	Section 803	70 -71 of 483
3	Section 1102	84 of 483
4	Appendix 3A – Standards Process Manual, Section 9	167 of 483
5	Appendix 5B – Statement of Compliance Registry Criteria (Revision 5.2)	431-434 of 483
6	Appendix 5C – Exceptions to BES Definition	452 of 483
7	NERC Blackout and Disturbance Procedures	469-473 of 483

List all defined terms that include Interconnection in definition narrative:

	Glossary
1	Adverse Reliability Impact
2	Area Control Error
3	Balancing Authority
4	Bulk Electric System
5	Burden
6	Frequency Bias
7	Frequency Bias Setting
8	Frequency Deviation
9	Frequency Regulation
10	Frequency Response Obligation
11	Interchange Distribution Calculator
12	Interconnection Reliability Operating Limit Tv
13	Reporting ACE
14	Tie Line Bias
15	Time Error
16	Time Error Correction

	ROP
1	N/A
2	N/A
3	Balancing Authority
4	Bulk Electric System
5	N/A
6	N/A
7	N/A
8	N/A
9	N/A
10	N/A
11	Interchange Distribution Calculator
12	N/A
13	N/A
14	N/A
15	N/A
16	N/A

List of all other defined terms that are included in the Interconnection definition narrative:

Glossary: None

ROP: Bulk Power System; Reliable Operation; Facilities

III. DRAFTING TEAM ANALYSIS AND ASSESSMENT

Explanation of differences in definition narratives: The ROP definition provides a description of what an interconnection is conceptually, and the criteria for use in identifying one. The Glossary definition, on the other hand, "defines" the term by applying the ROP definition and identifying the specific geographical areas that meet the criteria outlined in the ROP definition. The difference in these two definitions would be similar to defining the term "Federal Holiday" by listing all eleven federal holidays in the United States (*e.g.*, New Year's Day, MLK Jr. Day, Inauguration Day, etc.) as opposed to defining the term by describing what constitutes a "Federal Holiday" in the abstract (*i.e.*, "an authorized holiday which has been recognized by the US government and on which non-essential federal government offices are closed").

How/why the terms may be applied differently as a result of the differences: The ROP definition is broader than the Glossary because it provides a description of what constitutes an interconnection, as opposed to identifying the specific geographical areas in North America that currently constitute an interconnection. Because the Glossary limits application of the definition to the specific interconnections identified therein, it could be perceived as intended to be more limiting and/or intentionally different than the ROP definition.

Proposed revision(s). The SDT proposes revisions to both the Glossary and ROP definition in order to align the two terms and maintain consistency with the Federal Power Act. Redlines of both definitions are provided below.

Redline of Glossary definition:
A geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control. When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.

Redline of ROP definition:
a geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control.++ When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.**

Justification for decision: The ROP definition tracks the Federal Power Act (note it is marked with ++ indicating such). In order to align the two definitions, without losing the clarity provided by the FERC-approved Glossary definition, which specifically identifies the current Interconnections in North America, the SDT is proposing to combine the two definitions. However, because the recently FERC-approved Glossary definition is not effective until July 1, 2016, the SDT is proposing that the alignment revisions do not take effect until July 1, 2016, at the earliest.

Term 46: Special Protection System

Glossary Definition (differences in definition narrative indicated in red)	ROP, Appendix 2 Definition (differences in definition narrative indicated in red)	SDT proposed revisions
An automatic protection system designed to detect abnormal or predetermined system conditions, and take corrective actions other than and/or in addition to the isolation of faulted components to maintain system reliability. Such action may include changes in demand, generation (MW and Mvar), or system configuration to maintain system stability, acceptable voltage, or power flows. An SPS does not include (a) underfrequency or undervoltage load shedding or (b) fault conditions that must be isolated or (c) out-of-step relaying (not designed as an integral part of an SPS). Also called Remedial Action Scheme.	an automatic protection system designed to detect abnormal or predetermined system conditions, and take corrective actions other than and/or in addition to the isolation of faulted components to maintain system reliability. Such action may include changes in demand, generation (MW and Mvar), or system configuration to maintain system stability, acceptable voltage, or power flows. A Special Protection System does not include (a) underfrequency or undervoltage Load shedding or (b) fault conditions that must be isolated, or (c) out-of-step relaying (not designed as an integral part of a Special Protection System).**	The SDT is not proposing any alignment revisions at this time. This is because the Project 2010-5.3 drafting team work is still underway and the team may propose changes to this definition. Once the Project 2010-5.3 team finalizes its work, then it will be appropriate to make any necessary alignment changes to the definition of Special Protection System.

Part V: Group 3 recommendations

There are a total of twenty-two (22) Group 3 cross-over terms:

Term 2: Balancing Authority
Term 3: Balancing Authority Area
Term 4: Blackstart Resource
Term 7: Cascading
Term 13: Distribution Provider
Term 14: Element
Term 16: Flowgate
Term 24: Interconnected Operations Service
Term 28: Load Serving Entity
Term 31: Planning Authority
Term 33: Point of Receipt
Term 36: Reactive Power
Term 37: Real Power
Term 38: Reliability Coordinator
Term 41: Reliable Operation
Term 42: Reserve Sharing Group
Term 43: Resource Planner
Term 49: Transmission Customer
Term 50: Transmission Operator
Term 51: Transmission Owner
Term 52: Transmission Planner
Term 54: Transmission Service Provider

The SDT is recommending revisions to all twenty-two (22) of the Group 3 cross-over terms. Below is an overview of the SDT research, assessment, proposed revision(s), and justification for each of the recommendations.

#	Term	Glossary (differences in definition narrative indicated in red)	ROP, Appendix 2 (differences in definition narrative indicated in red)	SDT proposed revisions
2	Balancing Authority	The responsible entity that integrates resource plans ahead of time, maintains load-interchange-generation balance within a Balancing Authority Area, and supports Interconnection frequency in real time.	the responsible entity that integrates resource plans ahead of time, maintains Load-interchange-generation balance within a Balancing Authority Area, and supports Interconnection frequency in real time.**	The SDT is recommending changes to the ROP definition to align with the Glossary. Specifically, the ROP definition uses the defined term for "Load" whereas the Glossary does not. Due to the manner in which the term "Load" is used in the definition, it is not proper to use the defined term. This is because the current ROP definition of Load is, "an end-user device or customer that receives power from the electric system." In the definition narrative of Balancing Authority, use of the word load is not intended to mean an end-user device or customer. Instead, as used in the definition narrative, the term load is actually referring to the ability to maintain demand, or sufficient levels of generation to meet demand. Essentially, it is addressing a measure of energy available to meet the current demand. Additionally, during the course of its work on this project, the SDT reviewed and assessed the quality and correctness of the definition of "Balancing Authority." The SDT believes the current definition is unclear and could be improved by a few minor changes. Specifically, use or application of the term "load-interchange-generation" contained in the definition narrative is unclear. As a result, will draft a SAR proposing to revise the definition of Balancing Authority in order to address this issue. Redline of ROP definition: the responsible entity that integrates resource plans ahead of time, maintains ~~Load~~load-interchange-generation balance within a Balancing Authority Area, and supports Interconnection frequency in real time.**
3	Balancing Authority Area	The collection of generation, transmission, and loads within the metered boundaries of the Balancing Authority. The Balancing Authority maintains load-resource balance within this area.	the collection of generation, transmission, and Loads within the metered boundaries of the Balancing Authority. The Balancing Authority maintains Load-resource balance within this area.**	The SDT is recommending changes to the ROP definition to align with the Glossary. Specifically, the ROP definition uses the defined term for "Load" whereas the Glossary does not. Due to the manner in which the term "Load" is used in the definition, it is not proper to use the defined term. This is because the current ROP definition of Load is, "an end-user device or customer that receives power from the electric system." In the definition narrative of Balancing Authority Area, use of the word load is not intended to mean an end-user device or customer. Instead, as used in the definition narrative, the term load is actually referring to the ability to maintain demand, or sufficient levels of generation to meet demand. Essentially, it is addressing a measure of energy available to meet the current demand. Redline of ROP definition: the collection of generation, transmission, and ~~Loads~~ loads within the metered boundaries of the Balancing Authority. The Balancing Authority maintains ~~Load~~load-resource balance within this area.**

4	Blackstart Resource	A generating unit(s) and its associated set of equipment which has the ability to be started without support from the System or is designed to remain energized without connection to the remainder of the System, with the ability to energize a bus, meeting the Transmission Operator's restoration plan needs for real and reactive power capability, frequency and voltage control, and that has been included in the Transmission Operator's restoration plan.	a generating unit(s) and its associated set of equipment which has the ability to be started without support from the System or is designed to remain energized without connection to the remainder of the System, with the ability to energize a bus, meeting the Transmission Operator's restoration plan needs for Real and Reactive Power capability, frequency and voltage control, and that has been included in the Transmission Operator's restoration plan.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the terms "Real Power" and "Reactive Power" because they are defined terms in the Glossary and their usage in this definition narrative is intended to have the meaning of the defined terms. Redline of Glossary term: A generating unit(s) and its associated set of equipment which has the ability to be started without support from the System or is designed to remain energized without connection to the remainder of the System, with the ability to energize a bus, meeting the Transmission Operator's restoration plan needs for ~~real~~ Real and ~~reactive~~ Reactive ~~power~~ Power capability, frequency and voltage control, and that has been included in the Transmission Operator's restoration plan.
7	Cascading	The uncontrolled successive loss of system elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be restrained from sequentially spreading beyond an area predetermined by studies.	the uncontrolled successive loss of System Elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be restrained from sequentially spreading beyond an area predetermined by studies.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the terms "System" and "Elements" because they are defined terms in the Glossary and their usage in this definition narrative is intended to have the meaning of the defined terms. Redline of Glossary term: The uncontrolled successive loss of ~~system~~ System ~~elements~~ Elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be restrained from sequentially spreading beyond an area predetermined by studies.
13	Distribution Provider	Provides and operates the "wires" between the transmission system and the end-use customer. For those end-use customers who are served at transmission voltages, the Transmission Owner also serves as the Distribution Provider. Thus, the Distribution Provider is not defined by a specific voltage, but rather as performing the Distribution function at any voltage.	the entity that provides and operates the "wires" between the transmission system and the end-use customer. For those end-use customers who are served at transmission voltages, the Transmission Owner also serves as the Distribution Provider. Thus, the Distribution Provider is not defined by a specific voltage, but rather as performing the distribution function at any voltage.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to remove the capitalization from the term "Distribution" because it is not a defined term in Glossary (or the ROP). Redline of Glossary term: Provides and operates the "wires" between the transmission system and the end-use customer. For those end-use customers who are served at transmission voltages, the Transmission Owner also serves as the Distribution Provider. Thus, the Distribution Provider is not defined by a specific voltage, but rather as performing the ~~Distribution~~ distribution function at any voltage.

14	Element	Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An element may be comprised of one or more components.	any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An Element may be comprised of one or more components.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Element" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term. Redline of Glossary term: Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An ~~element~~ Element may be comprised of one or more components.
16	Flowgate	1.) A portion of the Transmission system through which the Interchange Distribution Calculator calculates the power flow from Interchange Transactions. 2.) A mathematical construct, comprised of one or more monitored transmission Facilities and optionally one or more contingency Facilities, used to analyze the impact of power flows upon the Bulk Electric System.	1.) A portion of the transmission system through which the Interchange Distribution Calculator calculates the power flow from Interchange Transactions. 2.) A mathematical construct, comprised of one or more monitored transmission Facilities and optionally one or more contingency Facilities, used to analyze the impact of power flows upon the Bulk Electric System.**	The SDT is recommending the following changes: (1) Revise the ROP definition to capitalize the word "Transmission." (2) Add the definition of "Transmission" to the ROP. The term is used (and capitalized) in other ROP definition narratives (see, for example, definition of Bulk Electric System). It is appropriate to capitalize it in this particular narrative because its usage in this definition narrative is intended to have the meaning of the defined term. Additionally, as part of the work for this project, the SDT will develop a set of recommendations regarding improvements to the current ROP and Glossary resources. One of the recommendations will be to conduct a comprehensive review of both the ROP and Glossary to identify all instances where a defined term is used, but it is not capitalized (to indicate applicability or use of the definition). The SDT will recommend that for each occurrence of the term, an assessment is conducted to determine whether the term is intended to have the defined meaning; and in the event it is, then the appropriate revisions should be made. Redline of ROP term: 1.) A portion of the ~~transmission~~ Transmission system through which the Interchange Distribution Calculator calculates the power flow from Interchange Transactions. 2.) A mathematical construct, comprised of one or more monitored transmission Facilities and optionally one or more contingency Facilities, used to analyze the impact of power flows upon the Bulk Electric System.** Add new defined term ("Transmission") to the ROP: "Transmission" means an interconnected group of lines and associated equipment for the movement or transfer of electric energy between points of supply and points at which it is transformed for delivery to customers or is delivered to other electric systems.**

24	Interconnected Operations Service	A service (exclusive of basic energy and transmission services) that is required to support the reliable operation of interconnected Bulk Electric Systems.	a service (exclusive of basic energy and Transmission Services) that is required to support the Reliable Operation of interconnected Bulk Electric Systems.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the terms "Transmission Services" and "Reliable Operation" because they are defined terms in the Glossary and their usage in this definition narrative is intended to have the meaning of the defined terms. Redline of Glossary term: A service (exclusive of basic energy and ~~transmission~~ Transmission ~~services~~Services) that is required to support the ~~reliable~~ Reliable ~~operation~~ Operation of interconnected Bulk Electric Systems.
28	Load-Serving Entity	Secures energy and transmission service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.	an entity that secures energy and Transmission Service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Transmission Service" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term. Redline of Glossary term: Secures energy and ~~transmission~~ Transmission ~~service~~ Service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.
31	Planning Authority	The responsible entity that coordinates and integrates transmission facility and service plans, resource plans, and protection systems.	the responsible entity that coordinates and integrates transmission Facilities and service plans, resource plans, and Protection Systems.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the terms "Facilities" and "Protection Systems" because they are defined terms in the Glossary and their usage in this definition narrative is intended to have the meaning of the defined terms. Redline of Glossary term: The responsible entity that coordinates and integrates transmission ~~facility~~ Facilities and service plans, resource plans, and ~~protection~~ Protection ~~systems~~Systems.
33	Point of Receipt	A location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a Generator delivers its output.	a location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a generator delivers its output.	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to remove the capitalization from the term "Generator" because it is not a defined term in Glossary or the ROP. Also, because the proposed revisions to the Glossary term will result in alignment of the two definition narratives, the SDT is recommending that a double asterisk (**) is added to the ROP definition.

				Redline of Glossary term: A location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a ~~Generator~~ generator delivers its output. Redline of ROP term: a location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a generator delivers its output.**
36	Reactive Power	The portion of electricity that establishes and sustains the electric and magnetic fields of alternating-current equipment. Reactive power must be supplied to most types of magnetic equipment, such as motors and transformers. It also must supply the reactive losses on transmission facilities. Reactive power is provided by generators, synchronous condensers, or electrostatic equipment such as capacitors and directly influences electric system voltage. It is usually expressed in kilovars (kvar) or megavars (Mvar).	the portion of electricity that establishes and sustains the electric and magnetic fields of alternating-current equipment. Reactive Power must be supplied to most types of magnetic equipment, such as motors and transformers. It also must supply the reactive losses on transmission facilities. Reactive Power is provided by generators, synchronous condensers, or electrostatic equipment such as capacitors and directly influences electric system voltage. It is usually expressed in kilovars (kvar) or megavars (Mvar).**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Power" because "Reactive Power" is a defined term and its usage in this definition narrative is intended to have the meaning of the defined term. Redline of Glossary term: The portion of electricity that establishes and sustains the electric and magnetic fields of alternating-current equipment. Reactive ~~power~~ Power must be supplied to most types of magnetic equipment, such as motors and transformers. It also must supply the reactive losses on transmission facilities. Reactive ~~power~~ Power is provided by generators, synchronous condensers, or electrostatic equipment such as capacitors and directly influences electric system voltage. It is usually expressed in kilovars (kvar) or megavars (Mvar).
37	Real Power	The portion of electricity that supplies energy to the load.	the portion of electricity that supplies energy to the Load.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "load" in the Glossary because it is a defined term and its usage in this definition narrative is intended to have the meaning of the defined term. In the definition narrative of Real Power, use of the word load is intended to mean an end-use device or customer. Redline of Glossary definition: The portion of electricity that supplies energy to the ~~load~~Load.

38	Reliability Coordinator	The entity that is the highest level of authority who is responsible for the reliable operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis and real-time operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.	the entity that is the highest level of authority who is responsible for the Reliable Operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis and real-time operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Reliable Operation" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term. Redline of Glossary term: The entity that is the highest level of authority who is responsible for the ~~reliable~~ Reliable ~~operation~~ Operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis and real-time operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.
41	Reliable Operation	Operating the elements of the bulk-power system [Bulk-Power System~~]~~ within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements.	operating the Elements of the Bulk Power System within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or Cascading failures of such system will not occur as a result of a sudden disturbance, including a Cyber Security Incident, or unanticipated failure of system Elements.++	The SDT is recommending changes to capitalization in the ROP definition to align with the Glossary and the Federal Power Act. Specifically, the SDT is proposing to remove capitalization of the terms "Elements," "Bulk Power System" "Cascading," and "Cyber Security incident," in order for the definition to remain consistent with the language in the Federal Power Act. Additionally, for both definitions, the SDT is recommending the addition of an explanatory sentence to clarify why defined terms contained in the definition narrative are not capitalized. Redline of Glossary term: Operating the elements of the bulk-power system [Bulk~~-~~ Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements. (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.) Redline of ROP term: operating the ~~Elements~~ elements of the bulk-power system [Bulk Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or ~~Cascading~~ cascading failures of such system will not occur as a result of a sudden disturbance, including a ~~Cyber Security Incident~~ cybersecurity incident, or unanticipated failure of system ~~Elements~~elements~~.~~++ (In

				order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)
42	Reserve Sharing Group	A group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (e.g., ten minutes). If the transaction is ramped in quicker (e.g., between zero and ten minutes) then, for the purposes of Disturbance Control Performance, the Areas become a Reserve Sharing Group.	a group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (e.g. ten minutes). If the transaction is ramped in quicker, (e.g., between zero and ten minutes), then, for the purposes of disturbance control performance, the areas become a Reserve Sharing Group.**	The SDT is recommending changes to both the Glossary and ROP definitions. Specifically, the SDT is proposing to revise the Glossary definition by removing the capitalization for the terms "Disturbance Control Performance" and "Area" because these are not defined terms. (Note that Disturbance Control Standard and Disturbance are both defined terms). Also, in the ROP definition, the SDT is proposing removal of the unnecessary commas to align with the Glossary definition. Redline of Glossary term: A group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (*e.g.*, ten minutes). If the transaction is ramped in quicker (*e.g.*, between zero and ten minutes) then, for the purposes of ~~Disturbance~~ disturbance ~~Control~~ control ~~Performance~~performance, the ~~Areas~~ areas become a Reserve Sharing Group. Redline of ROP term: a group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (*e.g.*. ten minutes). If the transaction is ramped in quicker~~,~~ (*e.g.*, between zero and ten minutes)~~,~~ then, for the purposes of disturbance control performance, the areas become a Reserve Sharing Group.**
43	Resource Planner	The entity that develops a long-term (generally one year and beyond) plan for the resource adequacy of specific loads (customer demand and energy requirements) within a Planning Authority Area.	the entity that develops a long-term (generally one year and beyond) plan for the resource adequacy of specific loads (customer demand and energy requirements) within a Planning Authority area.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to remove the capitalization from the term "Area" because it is not a defined term in Glossary or the ROP.

				Redline of Glossary term: The entity that develops a long-term (generally one year and beyond) plan for the resource adequacy of specific loads (customer demand and energy requirements) within a Planning Authority ~~Area~~area.
49	Transmission Customer	1. Any eligible customer (or its designated agent) that can or does execute a transmission service agreement or can or does receive transmission service. 2. Any of the following responsible entities: Generator Owner, Load-Serving Entity, or Purchasing-Selling Entity.	1. any eligible customer (or its designated agent) that can or does execute a Transmission Service agreement or can and does receive Transmission Service. 2. Any of the following ~~responsible~~ entities: Generator Owner, Load-Serving Entity, or Purchasing-Selling Entity.**	The SDT is recommending the following changes: (1) Revise the Glossary definition to capitalize the term "Transmission Service" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term. (2) Remove the word "responsible" to align with the ROP definition. The word "responsible" was originally included in the ROP definition, but was recently removed by the Risk-Based Registration project. The Glossary should be updated to reflect these recent changes. Redline of Glossary term: 1. Any eligible customer (or its designated agent) that can or does execute a ~~transmission~~ Transmission ~~service~~ Service agreement or can or does receive ~~transmission~~ Transmission ~~service~~Service. 2. Any of the following ~~responsible~~ entities: Generator Owner, Load-Serving Entity, or Purchasing-Selling Entity.
50	Transmission Operator	The entity responsible for the reliability of its "local" transmission system, and that operates or directs the operations of the transmission facilities.	the entity responsible for the reliability of its "local" transmission system, and that operates or directs the operations of the transmission Facilities.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Facilities" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term. Redline of Glossary term: The entity responsible for the reliability of its "local" transmission system, and that operates or directs the operations of the transmission ~~facilities~~Facilities.
51	Transmission Owner	The entity that owns and maintains transmission facilities.	the entity that owns and maintains transmission Facilities.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Facilities" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term. Redline of Glossary term: The entity that owns and maintains transmission ~~facilities~~Facilities.

52	Transmission Planner	The entity that develops a long-term (generally one year and beyond) plan for the reliability (adequacy) of the interconnected bulk electric transmission systems within its portion of the Planning Authority Area.	the entity that develops a long-term (generally one year and beyond) plan for the reliability (adequacy) of the interconnected bulk electric transmission systems within its portion of the Planning Authority area.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to remove the capitalization from the term "Area" because it is not a defined term in Glossary or the ROP. Redline of Glossary term: The entity that develops a long-term (generally one year and beyond) plan for the reliability (adequacy) of the interconnected bulk electric transmission systems within its portion of the Planning Authority ~~Area~~area.
54	Transmission Service Provider	The entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable transmission service agreements.	the entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable Transmission Service agreements.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Transmission Service" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term. Redline of Glossary term: The entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable ~~transmission~~ Transmission ~~service~~ Service agreements.

Part VI: Group 4 recommendations

There are a total of three (3) Group 4 cross-over terms:

Term 20: Interchange Authority

Term 27: Load

Term 34: Protection System

The SDT is recommending revisions to all of the Group 4 cross-over terms. Below is an overview of the SDT research, assessment, proposed revision(s), and justification for each of the recommendations.

Term 20: Interchange Authority

Glossary (differences indicated in red)	ROP, Appendix 2 (differences indicated in red)	SDT proposed revisions
The responsible entity that authorizes implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communication of Interchange information for reliability assessment purposes.	The responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communications of Interchange information for reliability assessment purposes.**	The SDT is recommending errata changes to both the Glossary and ROP definitions, as follows: (1) For the Glossary, add the word "the" to align with the ROP definition. (2) For the ROP, remove the "s" from "communications" to align with the Glossary definition. Redline of Glossary term: The responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communication of Interchange information for reliability assessment purposes. Redline of ROP term: The responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communication~~s~~ of Interchange information for reliability assessment purposes.**

Term 27: Load

Glossary (differences indicated in red)	ROP, Appendix 2 (differences indicated in red)	SDT proposed revisions
An end-use device or customer that receives power from the electric system.	an end-user device or customer that receives power from the electric system.**	The SDT is recommending an errata change to the ROP definition to align with the Glossary. Specifically, the SDT is proposing to remove the letter "r" from the word "user" in the ROP definition because it was inadvertently included when the definition was added to Appendix 2 of the ROP. On January 26, 2012, NERC filed a petition for approval of various revisions to the ROP, including the addition of new terms to Appendix 2. See, NERC petition. The definition of "Load" was adopted from the Glossary, and marked with a double asterisk (**) to indicate as such. However, the definition included in the NERC petition added the letter "r" to the word "use" which did not (and does not currently) exist in the Glossary definition. For these reasons, the SDT is recommending removal of the "r" from the word "user" in the ROP definition in order to align the Glossary and ROP narratives. Redline of ROP term: an end-use~~r~~ device or customer that receives power from the electric system.**

		Additionally, the SDT notes that during the course of its work on this project, the team reviewed and assessed the quality and correctness of the definition of "Load." The SDT believes the current definition is deficient and could be improved in quality and content. As a result, will draft a SAR proposing to revise the definition in order to address the issues identified by the SDT.

Term 34: Protection System

Glossary (differences indicated in red)	ROP, Appendix 2 (differences indicated in red)	SDT proposed revisions
• Protective relays which respond to electrical quantities, • Communications systems necessary for correct operation of protective functions • Voltage and current sensing devices providing inputs to protective relays, • Station dc supply associated with protective functions (including station batteries, battery chargers, and non-battery-based dc supply), and • Control circuitry associated with protective functions through the trip coil(s) of the circuit breakers or other interrupting device.	protective relays which respond to electrical quantities, communications systems necessary for correct operation of protective functions, voltage and current sensing devices providing inputs to protective relays, station dc supply associated with protective functions (including batteries, battery chargers, and non-battery-based dc supply), and control circuitry associated with protective functions through the trip coil(s) of the circuit breakers or other interrupting devices.**	The SDT is recommending an errata change to the ROP definition to align with the Glossary. Specifically, the SDT is proposing to add the word "station" to qualify the Protection System component batteries because it was inadvertently left out of the ROP definition narrative. In 2013, FERC approved the currently effective Glossary definition, which included the qualifier of "station" to the battery term in the definition narrative. However, when the term was adopted in Appendix 2 of the ROP, the qualifier "station" was not included in the definition narrative. Redline of ROP definition: protective relays which respond to electrical quantities, communications systems necessary for correct operation of protective functions, voltage and current sensing devices providing inputs to protective relays, station dc supply associated with protective functions (including station batteries, battery chargers, and non-battery-based dc supply), and control circuitry associated with protective functions through the trip coil(s) of the circuit breakers or other interrupting devices.**

ATTACHMENT 1
COMPLETE LIST OF CROSS-OVER TERMS

GROUP 1: Content/substance differences

Term 1: Adjacent Balancing Authority
Term 6: Bulk Power System
Term 17: Generator Operator
Term 18: Generator Owner
Term 29: Net Energy for Load or NEL
Term 40: Reliability Standard
Term 44: Sink Balancing Authority
Term 45: Source Balancing Authority
Term 48: System Operating Limit

GROUP 2: Definitions currently in flux

Term 8: Critical Assets
Term 9: Critical Cyber Assets
Term 10: Cyber Assets
Term 11: Cyber Security Incident
Term 25: Interconnection
Term 46: Special Protection System

GROUP 3: Capitalization differences

Term 2: Balancing Authority
Term 3: Balancing Authority Area
Term 4: Blackstart Resource
Term 7: Cascading
Term 13: Distribution Provider
Term 14: Element
Term 16: Flowgate
Term 24: Interconnected Operations Service
Term 28: Load Serving Entity
Term 31: Planning Authority
Term 33: Point of Receipt
Term 36: Reactive Power
Term 37: Real Power
Term 38: Reliability Coordinator
Term 41: Reliable Operation
Term 42: Reserve Sharing Group
Term 43: Resource Planner
Term 49: Transmission Customer
Term 50: Transmission Operator
Term 51: Transmission Owner
Term 52: Transmission Planner
Term 54: Transmission Service Provider

GROUP 4: Miscellaneous/Errata

Term 20: Interchange Authority
Term 27: Load
Term 34: Protection System

#	Term	Glossary (differences indicated in red)	ROP, Appendix 2 (differences indicated in red)	GROUP
1	Adjacent Balancing Authority	A Balancing Authority whose Balancing Authority Area is interconnected with another Balancing Authority Area either directly or via a multi-party agreement or transmission tariff.	a Balancing Authority Area that is interconnected to another Balancing Authority Area either directly or via a multi-party agreement or transmission tariff.**	GROUP 1
2	Balancing Authority	The responsible entity that integrates resource plans ahead of time, maintains load-interchange-generation balance within a Balancing Authority Area, and supports Interconnection frequency in real time.	the responsible entity that integrates resource plans ahead of time, maintains Load-interchange-generation balance within a Balancing Authority Area, and supports Interconnection frequency in real time.**	GROUP 3
3	Balancing Authority Area	The collection of generation, transmission, and loads within the metered boundaries of the Balancing Authority. The Balancing Authority maintains load-resource balance within this area.	the collection of generation, transmission, and Loads within the metered boundaries of the Balancing Authority. The Balancing Authority maintains Load-resource balance within this area.**	GROUP 3
4	Blackstart Resource	A generating unit(s) and its associated set of equipment which has the ability to be started without support from the System or is designed to remain energized without connection to the remainder of the System, with the ability to energize a bus, meeting the Transmission Operator's restoration plan needs for real and reactive power capability, frequency and voltage control, and that has been included in the Transmission Operator's restoration plan.	a generating unit(s) and its associated set of equipment which has the ability to be started without support from the System or is designed to remain energized without connection to the remainder of the System, with the ability to energize a bus, meeting the Transmission Operator's restoration plan needs for Real and Reactive Power capability, frequency and voltage control, and that has been included in the Transmission Operator's restoration plan.**	GROUP 3
5	Bulk Electric System or BES	Unless modified by the lists shown below, all Transmission Elements operated at 100 kV or higher and Real Power and Reactive Power resources connected at 100 kV or higher. This does not include facilities used in the local distribution of electric energy…	unless modified by the lists shown below, all Transmission Elements operated at 100 kV or higher and Real Power and Reactive Power resources connected at 100 kV or higher. This does not include facilities used in the local distribution of electric energy…**	
6	Bulk Power System	Bulk-Power System: A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and (B) electric energy from generation facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy.	"Bulk Power System" means, depending on the context: (i) Facilities and control systems necessary for operating an interconnected electric energy supply and transmission network (or any portion thereof), and electric energy from generating facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy [++]. (ii) Solely for purposes of Appendix 4E, Bulk Electric System.	GROUP 1
7	Cascading	The uncontrolled successive loss of system elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be restrained from sequentially spreading beyond an area predetermined by studies.	the uncontrolled successive loss of System Elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be restrained from sequentially spreading beyond an area predetermined by studies.**	GROUP 3

8	Critical Assets	Inactive beginning 3/31/2016: Facilities, systems, and equipment which, if destroyed, degraded, or otherwise rendered unavailable, would affect the reliability or operability of the Bulk Electric System.	Facilities, systems, and equipment which, if destroyed, degraded, or otherwise rendered unavailable, would affect the reliability or operability of the Bulk Electric System.**	GROUP 2
9	Critical Cyber Assets	Inactive beginning 3/31/2016: Cyber Assets essential to the reliable operation of Critical Assets.	Cyber Assets critical to the reliable operation of Critical Assets.**	GROUP 2
10	Cyber Assets	Inactive beginning 3/31/16: Programmable electronic devices and communication networks including hardware, software, and data. Effective beginning 4/1/2016: Programmable electronic devices, including the hardware, software, and data in those devices.	programmable electronic devices and communication networks including hardware, software, and data.** programmable electronic devices and communication networks including hardware, software, and data.**	GROUP 2
11	Cyber Security Incident	Inactive beginning 3/31/2016: Any malicious act or suspicious event that: • Compromises, or was an attempt to compromise, the Electronic Security Perimeter or Physical Security Perimeter of a Critical Cyber Asset, or, • Disrupts, or was an attempt to disrupt, the operation of a Critical Cyber Asset. Effective beginning 4/1/2016: A malicious act or suspicious event that: • Compromises, or was an attempt to compromise, the Electronic Security Perimeter or Physical Security Perimeter or, • Disrupts, or was an attempt to disrupt, the operation of a BES Cyber System.	"Cyber Security Incident" means any malicious or suspicious event that disrupts, or was an attempt to disrupt, the operation of those programmable electronic devices and communications networks including hardware, software and data that are essential to the Reliable Operation of the Bulk Power System.++	GROUP 2
12	Distribution Factor	The portion of an Interchange Transaction, typically expressed in per unit that flows across a transmission facility (Flowgate).	the portion of an Interchange Transaction, typically expressed in per unit that flows across a transmission facility (Flowgate).**	
13	Distribution Provider	Provides and operates the "wires" between the transmission system and the end-use customer. For those end-use customers who are served at transmission voltages, the Transmission Owner also serves as the Distribution Provider. Thus, the Distribution Provider is not defined by a specific voltage, but rather as performing the Distribution function at any voltage.	the entity that provides and operates the "wires" between the transmission system and the end-use customer. For those end-use customers who are served at transmission voltages, the Transmission Owner also serves as the Distribution Provider. Thus, the Distribution Provider is not defined by a specific voltage, but rather as performing the distribution function at any voltage.**	GROUP 3

14	Element	Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An element may be comprised of one or more components.	any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An Element may be comprised of one or more components.**	GROUP 2
15	Facility	A set of electrical equipment that operates as a single Bulk Electric System Element (e.g., a line, a generator, a shunt compensator, transformer, etc.)	a set of electrical equipment that operates as a single Bulk Electric System Element (e.g., a line, a generator, a shunt compensator, transformer, etc.)**	
16	Flowgate	1.) A portion of the Transmission system through which the Interchange Distribution Calculator calculates the power flow from Interchange Transactions. 2.) A mathematical construct, comprised of one or more monitored transmission Facilities and optionally one or more contingency Facilities, used to analyze the impact of power flows upon the Bulk Electric System.	1.) A portion of the transmission system through which the Interchange Distribution Calculator calculates the power flow from Interchange Transactions. 2.) A mathematical construct, comprised of one or more monitored transmission Facilities and optionally one or more contingency Facilities, used to analyze the impact of power flows upon the Bulk Electric System.**	GROUP 3
17	Generator Operator	The entity that operates generating unit(s) and performs the functions of supplying energy and Interconnected Operations Services.	the entity that operates generating Facility(ies) and performs the functions of supplying energy and Interconnected Operations Services.**	GROUP 1
18	Generator Owner	Entity that owns and maintains generating units.	an entity that owns and maintains generating Facility(ies).**	GROUP 1
19	Interchange	Energy transfers that cross Balancing Authority boundaries.	energy transfers that cross Balancing Authority boundaries.**	
20	Interchange Authority	The responsible entity that authorizes implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communication of Interchange information for reliability assessment purposes.	the responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communications of Interchange information for reliability assessment purposes.**	GROUP 4
21	Interchange Distribution Calculator	The mechanism used by Reliability Coordinators in the Eastern Interconnection to calculate the distribution of Interchange Transactions over specific Flowgates. It includes a database of all Interchange Transactions and a matrix of the Distribution Factors for the Eastern Interconnection.	the mechanism used by Reliability Coordinators in the Eastern Interconnection to calculate the distribution of Interchange Transactions over specific Flowgates. It includes a database of all Interchange Transactions and a matrix of the Distribution Factors for the Eastern Interconnection.**	
22	Interchange Schedule	An agreed-upon Interchange Transaction size (megawatts), start and end time, beginning and ending ramp times and rate, and type required for delivery and receipt of power and energy between the Source and Sink Balancing Authorities involved in the transaction.	an agreed-upon Interchange Transaction size (megawatts), start and end time, beginning and ending ramp times and rate, and type required for delivery and receipt of power and energy between the Source and Sink Balancing Authorities involved in the transaction.**	
23	Interchange Transaction	An agreement to transfer energy from a seller to a buyer that crosses one or more Balancing Authority Area boundaries.	an agreement to transfer energy from a seller to a buyer that crosses one or more Balancing Authority Area boundaries.**	

24	Interconnected Operations Service	A service (exclusive of basic energy and transmission services) that is required to support the reliable operation of interconnected Bulk Electric Systems.	a service (exclusive of basic energy and Transmission Services) that is required to support the Reliable Operation of interconnected Bulk Electric Systems.**	GROUP 3
25	Interconnection	Inactive beginning 6/30/16: When capitalized, any one of the three major electric system networks in North America: Eastern, Western, and ERCOT. Effective beginning 7/1/16: When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.	a geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control.++	GROUP 2
26	Interconnection Reliability Operating Limit	A System Operating Limit that, if violated, could lead to instability, uncontrolled separation, or Cascading outages that adversely impact the reliability of the Bulk Electric System.	a System Operating Limit that, if violated, could lead to instability, uncontrolled separation, or Cascading outages that adversely impact the reliability of the Bulk Electric System.**	
27	Load	An end-use device or customer that receives power from the electric system.	an end-user device or customer that receives power from the electric system.**	GROUP 4
28	Load-Serving Entity	Secures energy and transmission service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.	an entity that secures energy and Transmission Service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.**	GROUP 3
29	Net Energy for Load or NEL	Net Balancing Authority Area generation, plus energy received from other Balancing Authority Areas, less energy delivered to Balancing Authority Areas through interchange. It includes Balancing Authority Area losses but excludes energy required for storage at energy storage facilities.	net generation of an electric system plus energy received from others less energy delivered to others through interchange. It includes system losses but excludes energy required for the storage of energy at energy storage facilities.	GROUP 1
30	Open Access Transmission Tariff	Electronic transmission tariff accepted by the U.S. Federal Energy Regulatory Commission requiring the Transmission Service Provider to furnish to all shippers with non-discriminating service comparable to that provided by Transmission Owners to themselves.	an electronic transmission tariff accepted by the U.S. Federal Energy Regulatory Commission requiring the Transmission Service Provider to furnish to all shippers with non-discriminating service comparable to that provided by Transmission Owners to themselves.**	
31	Planning Authority	The responsible entity that coordinates and integrates transmission facility and service plans, resource plans, and protection systems.	the responsible entity that coordinates and integrates transmission Facilities and service plans, resource plans, and Protection Systems.**	GROUP 3
32	Point of Delivery	A location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction leaves or a Load-Serving Entity receives its energy.	a location that a Transmission Service Provider specifies on its transmission system where an Interchange Transaction leaves or a Load-Serving Entity receives its energy.**	
33	Point of Receipt	A location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a Generator delivers its output.	a location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a generator delivers its output.	GROUP 3

34	Protection System	Protection System – • Protective relays which respond to electrical quantities, • Communications systems necessary for correct operation of protective functions • Voltage and current sensing devices providing inputs to protective relays, • Station dc supply associated with protective functions (including station batteries, battery chargers, and non-battery-based dc supply), and • Control circuitry associated with protective functions through the trip coil(s) of the circuit breakers or other interrupting devices.	protective relays which respond to electrical quantities, communications systems necessary for correct operation of protective functions, voltage and current sensing devices providing inputs to protective relays, station dc supply associated with protective functions (including batteries, battery chargers, and non-battery-based dc supply), and control circuitry associated with protective functions through the trip coil(s) of the circuit breakers or other interrupting devices.**	GROUP 4
35	Purchasing-Selling Entity	The entity that purchases or sells, and takes title to, energy, capacity, and Interconnected Operations Services. Purchasing-Selling Entities may be affiliated or unaffiliated merchants and may or may not own generating facilities.	the entity that purchases, or sells, and takes title to, energy, capacity, and Interconnected Operations Services. Purchasing-Selling Entities may be affiliated or unaffiliated merchants and may or may not own generating facilities.**	
36	Reactive Power	The portion of electricity that establishes and sustains the electric and magnetic fields of alternating-current equipment. Reactive power must be supplied to most types of magnetic equipment, such as motors and transformers. It also must supply the reactive losses on transmission facilities. Reactive power is provided by generators, synchronous condensers, or electrostatic equipment such as capacitors and directly influences electric system voltage. It is usually expressed in kilovars (kvar) or megavars (Mvar).	the portion of electricity that establishes and sustains the electric and magnetic fields of alternating-current equipment. Reactive Power must be supplied to most types of magnetic equipment, such as motors and transformers. It also must supply the reactive losses on transmission facilities. Reactive Power is provided by generators, synchronous condensers, or electrostatic equipment such as capacitors and directly influences electric system voltage. It is usually expressed in kilovars (kvar) or megavars (Mvar).**	GROUP 3
37	Real Power	The portion of electricity that supplies energy to the load.	the portion of electricity that supplies energy to the Load.**	GROUP 3
38	Reliability Coordinator	The entity that is the highest level of authority who is responsible for the reliable operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis and real-time operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.	the entity that is the highest level of authority who is responsible for the Reliable Operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis and real-time operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.**	GROUP 3
39	Reliability Coordinator Area	The collection of generation, transmission, and loads within the boundaries of the Reliability Coordinator. Its boundary coincides with one or more Balancing Authority Areas.	the collection of generation, transmission and loads within the boundaries of the Reliability Coordinator. Its boundary coincides with one or more Balancing Authority Areas.**	

40	Reliability Standard	A requirement, approved by the United States Federal Energy Regulatory Commission under this Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk-Power System]. The term includes requirements for the operation of existing bulk-power system [Bulk-Power System] facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk-Power System], but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity.	a requirement to provide for Reliable Operation of the Bulk Power System, including without limiting the foregoing, requirements for the operation of existing Bulk Power System Facilities, including cyber security protection, and including the design of planned additions or modifications to such Facilities to the extent necessary for Reliable Operation of the Bulk Power System, but the term does not include any requirement to enlarge Bulk Power System Facilities or to construct new transmission capacity or generation capacity. A Reliability Standard shall not be effective in the United States until approved by the Federal Energy Regulatory Commission and shall not be effective in other jurisdictions until made or allowed to become effective by the Applicable Governmental Authority.	GROUP 1
41	Reliable Operation	Operating the elements of the bulk-power system [Bulk-Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements.	operating the Elements of the Bulk Power System within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or Cascading failures of such system will not occur as a result of a sudden disturbance, including a Cyber Security Incident, or unanticipated failure of system Elements.++	GROUP 3
42	Reserve Sharing Group	A group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (e.g., ten minutes). If the transaction is ramped in quicker (e.g., between zero and ten minutes) then, for the purposes of Disturbance Control Performance, the Areas become a Reserve Sharing Group.	a group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (e.g. ten minutes). If the transaction is ramped in quicker, (e.g., between zero and ten minutes), then, for the purposes of disturbance control performance, the areas become a Reserve Sharing Group.**	GROUP 3
43	Resource Planner	The entity that develops a long-term (generally one year and beyond) plan for the resource adequacy of specific loads (customer demand and energy requirements) within a Planning Authority Area.	the entity that develops a long-term (generally one year and beyond) plan for the resource adequacy of specific loads (customer demand and energy requirements) within a Planning Authority area.**	GROUP 3
44	Sink Balancing Authority	The Balancing Authority in which the load (sink) is located for an Interchange Transaction and any resulting Interchange Schedule.	the Balancing Authority in which the Load (sink) is located for an Interchange Transaction.**	GROUP 1
45	Source Balancing Authority	The Balancing Authority in which the generation (source) is located for an Interchange Transaction and for any resulting Interchange Schedule.	the Balancing Authority in which the generation (source) is located for an Interchange Transaction.**	GROUP 1
46	Special Protection System	An automatic protection system designed to detect abnormal or predetermined system conditions, and	an automatic protection system designed to detect abnormal or predetermined system conditions, and	GROUP 2

		take corrective actions other than and/or in addition to the isolation of faulted components to maintain system reliability. Such action may include changes in demand, generation (MW and Mvar), or system configuration to maintain system stability, acceptable voltage, or power flows. An SPS does not include (a) underfrequency or undervoltage load shedding or (b) fault conditions that must be isolated or (c) out-of-step relaying (not designed as an integral part of an SPS). Also called Remedial Action Scheme.	take corrective actions other than and/or in addition to the isolation of faulted components to maintain system reliability. Such action may include changes in demand, generation (MW and Mvar), or system configuration to maintain system stability, acceptable voltage, or power flows. A Special Protection System does not include (a) underfrequency or undervoltage Load shedding or (b) fault conditions that must be isolated, or (c) out-of-step relaying (not designed as an integral part of a Special Protection System).**	
47	System	A combination of generation, transmission, and distribution components.	a combination of generation, transmission and distribution components.**	
48	System Operating Limit	The value (such as MW, MVar, Amperes, Frequency or Volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to: • Facility Ratings (Applicable pre- and post-Contingency equipment or facility ratings) • Transient Stability Ratings (Applicable pre- and post-Contingency Stability Limits) • Voltage Stability Ratings (Applicable pre- and post-Contingency Voltage Stability) • System Voltage Limits (Applicable pre- and post-Contingency Voltage Limits)	the value (such as MW, Mvar, amperes, frequency or volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria.**	GROUP 1
49	Transmission Customer	1. Any eligible customer (or its designated agent) that can or does execute a transmission service agreement or can or does receive transmission service. 2. Any of the following responsible entities: Generator Owner, Load-Serving Entity, or Purchasing-Selling Entity.	1. any eligible customer (or its designated agent) that can or does execute a Transmission Service agreement or can and does receive Transmission Service. 2. Any of the following ~~responsible~~ entities: Generator Owner, Load-Serving Entity, or Purchasing-Selling Entity.**	GROUP 3
50	Transmission Operator	The entity responsible for the reliability of its "local" transmission system, and that operates or directs the operations of the transmission facilities.	the entity responsible for the reliability of its "local" transmission system, and that operates or directs the operations of the transmission Facilities.**	GROUP 3
51	Transmission Owner	The entity that owns and maintains transmission facilities.	the entity that owns and maintains transmission Facilities.**	GROUP 3
52	Transmission Planner	The entity that develops a long-term (generally one year and beyond) plan for the reliability (adequacy) of the interconnected bulk electric transmission systems within its portion of the Planning Authority Area.	the entity that develops a long-term (generally one year and beyond) plan for the reliability (adequacy) of the interconnected bulk electric transmission systems within its portion of the Planning Authority area.**	GROUP 3
53	Transmission Service	Services provided to the Transmission Customer by the Transmission Service Provider to move energy from a Point of Receipt to a Point of Delivery.	services provided to the Transmission Customer by the Transmission Service Provider to move energy from a Point of Receipt to a Point of Delivery.**	

54	Transmission Service Provider	The entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable transmission service agreements.	the entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable Transmission Service agreements.**	GROUP 3
55	Wide Area	The entire Reliability Coordinator Area as well as the critical flow and status information from adjacent Reliability Coordinator Areas as determined by detailed system studies to allow the calculation of Interconnected Reliability Operating Limits.	the entire Reliability Coordinator Area as well as the critical flow and status information from adjacent Reliability Coordinator Areas as determined by detailed system studies to allow the calculation of Interconnected Reliability Operating Limits.**	

NERC
NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION

ATTACHMENT 2
COMPLETE LIST OF CROSS-OVER TERMS WITH PROPOSED REVISIONS

GROUP 1: Content/substance differences

Term 1: Adjacent Balancing Authority
Term 6: Bulk Power System
Term 17: Generator Operator
Term 18: Generator Owner
Term 29: Net Energy for Load or NEL
Term 40: Reliability Standard
Term 44: Sink Balancing Authority
Term 45: Source Balancing Authority
Term 48: System Operating Limit

GROUP 2: Definitions currently in flux

Term 8: Critical Assets
Term 9: Critical Cyber Assets
Term 10: Cyber Assets
Term 11: Cyber Security Incident
Term 25: Interconnection
Term 46: Special Protection System

GROUP 3: Capitalization differences

Term 2: Balancing Authority
Term 3: Balancing Authority Area
Term 4: Blackstart Resource
Term 7: Cascading
Term 13: Distribution Provider
Term 14: Element
Term 16: Flowgate
Term 24: Interconnected Operations Service
Term 28: Load Serving Entity
Term 31: Planning Authority
Term 33: Point of Receipt
Term 36: Reactive Power
Term 37: Real Power
Term 38: Reliability Coordinator
Term 41: Reliable Operation
Term 42: Reserve Sharing Group
Term 43: Resource Planner
Term 49: Transmission Customer
Term 50: Transmission Operator
Term 51: Transmission Owner
Term 52: Transmission Planner
Term 54: Transmission Service Provider

GROUP 4: Miscellaneous/Errata

Term 20: Interchange Authority
Term 27: Load
Term 34: Protection System

#	Cross-Over Term	Glossary (differences indicated in red)	ROP, Appendix 2 (differences indicated in red)	SDT Proposed Revisions
1	Adjacent Balancing Authority	A Balancing Authority whose Balancing Authority Area is interconnected with another Balancing Authority Area either directly or via a multi-party agreement or transmission tariff.	a Balancing Authority Area that is interconnected to another Balancing Authority Area either directly or via a multi-party agreement or transmission tariff.**	The SDT is proposing to revise the ROP definition to align with the Glossary. Redline of ROP definition: a Balancing Authority ~~Area~~ whose Balancing Authority Area ~~that~~ is interconnected with ~~to~~ another Balancing Authority Area either directly or via a multi-party agreement or transmission tariff.**
2	Balancing Authority	The responsible entity that integrates resource plans ahead of time, maintains load-interchange-generation balance within a Balancing Authority Area, and supports Interconnection frequency in real time.	the responsible entity that integrates resource plans ahead of time, maintains Load-interchange-generation balance within a Balancing Authority Area, and supports Interconnection frequency in real time.**	The SDT is recommending changes to the ROP definition to align with the Glossary. Specifically, the ROP definition uses the defined term for "Load" whereas the Glossary does not. Due to the manner in which the term "Load" is used in the definition, it is not proper to use the defined term. This is because the current ROP definition of Load is, "an end-user device or customer that receives power from the electric system." In the definition narrative of Balancing Authority, use of the word load is not intended to mean an end-user device or customer. Instead, as used in the definition narrative, the term load is actually referring to the ability to maintain demand, or sufficient levels of generation to meet demand. Essentially, it is addressing a measure of energy available to meet the current demand. Additionally, during the course of its work on this project, the SDT reviewed and assessed the quality and correctness of the definition of "Balancing Authority." The SDT believes the current definition is unclear and could be improved by a few minor changes. Specifically, use or application of the term "load-interchange-generation" contained in the definition narrative is unclear. As a result, will draft a SAR proposing to revise the definition of Balancing Authority in order to address this issue. Redline of ROP definition: the responsible entity that integrates resource plans ahead of time, maintains ~~Load~~load-interchange-generation balance within a Balancing Authority Area, and supports Interconnection frequency in real time.**

3	Balancing Authority Area	The collection of generation, transmission, and loads within the metered boundaries of the Balancing Authority. The Balancing Authority maintains load-resource balance within this area.	the collection of generation, transmission, and Loads within the metered boundaries of the Balancing Authority. The Balancing Authority maintains Load-resource balance within this area.**	The SDT is recommending changes to the ROP definition to align with the Glossary. Specifically, the ROP definition uses the defined term for "Load" whereas the Glossary does not. Due to the manner in which the term "Load" is used in the definition, it is not proper to use the defined term. This is because the current ROP definition of Load is, "an end-user device or customer that receives power from the electric system." In the definition narrative of Balancing Authority Area, use of the word load is not intended to mean an end-user device or customer. Instead, as used in the definition narrative, the term load is actually referring to the ability to maintain demand, or sufficient levels of generation to meet demand. Essentially, it is addressing a measure of energy available to meet the current demand. Redline of ROP definition: the collection of generation, transmission, and ~~Loads~~ loads within the metered boundaries of the Balancing Authority. The Balancing Authority maintains ~~Load~~load-resource balance within this area.**
4	Blackstart Resource	A generating unit(s) and its associated set of equipment which has the ability to be started without support from the System or is designed to remain energized without connection to the remainder of the System, with the ability to energize a bus, meeting the Transmission Operator's restoration plan needs for real and reactive power capability, frequency and voltage control, and that has been included in the Transmission Operator's restoration plan.	a generating unit(s) and its associated set of equipment which has the ability to be started without support from the System or is designed to remain energized without connection to the remainder of the System, with the ability to energize a bus, meeting the Transmission Operator's restoration plan needs for Real and Reactive Power capability, frequency and voltage control, and that has been included in the Transmission Operator's restoration plan.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the terms "Real Power" and "Reactive Power" because they are defined terms in the Glossary and their usage in this definition narrative is intended to have the meaning of the defined terms. Redline of Glossary term: A generating unit(s) and its associated set of equipment which has the ability to be started without support from the System or is designed to remain energized without connection to the remainder of the System, with the ability to energize a bus, meeting the Transmission Operator's restoration plan needs for ~~real~~ Real and ~~reactive~~ Reactive ~~power~~ Power capability, frequency and voltage control, and that has been included in the Transmission Operator's restoration plan.
5	Bulk Electric System or BES	Unless modified by the lists shown below, all Transmission Elements operated at 100 kV or higher and Real Power and Reactive Power resources connected at 100 kV or higher. This	unless modified by the lists shown below, all Transmission Elements operated at 100 kV or higher and Real Power and Reactive Power resources connected at 100 kV or higher. This	Definitions are aligned.

		does not include facilities used in the local distribution of electric energy…	does not include facilities used in the local distribution of electric energy…**	
6	Bulk Power System	Bulk-Power System: A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and (B) electric energy from generation facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy.	"Bulk Power System" means, depending on the context: (i) Facilities and control systems necessary for operating an interconnected electric energy supply and transmission network (or any portion thereof), and electric energy from generating facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy [++]. (ii) Solely for purposes of Appendix 4E, Bulk Electric System.	The SDT is proposing to revise both definitions as follows: Redline of Glossary definition: Bulk~~-~~ Power System: (A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and (B) electric energy from generation facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy. (In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1], defined terms contained in this narrative are not capitalized.) Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning. Redline of ROP, Appendix 2 definition: Bulk Power System" means, depending on the context: (i) (A) ~~Facilities~~ facilities and control systems necessary for operating an interconnected electric energy ~~supply and~~ transmission network (or any portion thereof);~~,~~ and (B) electric energy from generation~~g~~ facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy [++]. (In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1], defined terms contained in this narrative are not capitalized.) ~~-~~Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning. (ii) Solely for purposes of Appendix 4E, Bulk Electric System.
7	Cascading	The uncontrolled successive loss of system elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be	the uncontrolled successive loss of System Elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be	The SDT is recommending changes to the Glossary definition to align with the ROP. ~~-~~Specifically, the SDT is proposing to capitalize the terms "System" and "Elements" because they are defined terms in the

		restrained from sequentially spreading beyond an area predetermined by studies.	restrained from sequentially spreading beyond an area predetermined by studies.**	Glossary and their usage in this definition narrative is intended to have the meaning of the defined terms. Redline of Glossary term: The uncontrolled successive loss of ~~system~~ System ~~elements~~ Elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be restrained from sequentially spreading beyond an area predetermined by studies.
8	Critical Assets	Inactive beginning 3/31/2016: Facilities, systems, and equipment which, if destroyed, degraded, or otherwise rendered unavailable, would affect the reliability or operability of the Bulk Electric System.	Facilities, systems, and equipment which, if destroyed, degraded, or otherwise rendered unavailable, would affect the reliability or operability of the Bulk Electric System.**	The SDT is not proposing revisions to the cross-over terms at this time. This is because the changes that would be necessary to align the terms would necessitate a large number of other changes that are outside the scope of the SAR for this project. The SDT will submit a SAR to address the alignment of terms for all CIP-related definitions. The proposed SAR will include alignment of the defined terms to incorporate the changes to the ROP definitions made through the Version 5 revisions, and also any revisions necessary to provisions of the ROP as a result of proposed changes to the ROP defined terms contained in Appendix 2. The SAR will propose that members of the Project 2008-06 SDT are involved with the revisions to the ROP.
9	Critical Cyber Assets	Inactive beginning 3/31/2016: Cyber Assets essential to the reliable operation of Critical Assets.	Cyber Assets critical to the reliable operation of Critical Assets.**	The SDT is not proposing revisions to the cross-over terms at this time. This is because the changes that would be necessary to align the terms would necessitate a large number of other changes that are outside the scope of the SAR for this project. The SDT will submit a SAR to address the alignment of terms for all CIP-related definitions. The proposed SAR will include alignment of the defined terms to incorporate the changes to the ROP definitions made through the Version 5 revisions, and also any revisions necessary to provisions of the ROP as a result of proposed changes to the ROP defined terms contained in Appendix 2. The SAR will propose that members of the Project 2008-06 SDT are involved with the revisions to the ROP.

10	Cyber Assets	Inactive beginning 3/31/16: Programmable electronic devices and communication networks including hardware, software, and data. Effective beginning 4/1/2016: Programmable electronic devices, including the hardware, software, and data in those devices.	programmable electronic devices and communication networks including hardware, software, and data.** programmable electronic devices and communication networks including hardware, software, and data.**	The SDT is not proposing revisions to the cross-over terms at this time. This is because the changes that would be necessary to align the terms would necessitate a large number of other changes that are outside the scope of the SAR for this project. The SDT will submit a SAR to address the alignment of terms for all CIP-related definitions. The proposed SAR will include alignment of the defined terms to incorporate the changes to the ROP definitions made through the Version 5 revisions, and also any revisions necessary to provisions of the ROP as a result of proposed changes to the ROP defined terms contained in Appendix 2. The SAR will propose that members of the Project 2008-06 SDT are involved with the revisions to the ROP.
11	Cyber Security Incident	Inactive beginning 3/31/2016: Any malicious act or suspicious event that: • Compromises, or was an attempt to compromise, the Electronic Security Perimeter or Physical Security Perimeter of a Critical Cyber Asset, or, • Disrupts, or was an attempt to disrupt, the operation of a Critical Cyber Asset. Effective beginning 4/1/2016: A malicious act or suspicious event that: • Compromises, or was an attempt to compromise, the Electronic Security Perimeter or Physical Security Perimeter or, • Disrupts, or was an attempt to disrupt, the operation of a BES Cyber System.	"Cyber Security Incident" means any malicious or suspicious event that disrupts, or was an attempt to disrupt, the operation of those programmable electronic devices and communications networks including hardware, software and data that are essential to the Reliable Operation of the Bulk Power System.++	The SDT is not proposing revisions to the cross-over terms at this time. This is because the changes that would be necessary to align the terms would necessitate a large number of other changes that are outside the scope of the SAR for this project. The SDT will submit a SAR to address the alignment of terms for all CIP-related definitions. The proposed SAR will include alignment of the defined terms to incorporate the changes to the ROP definitions made through the Version 5 revisions, and also any revisions necessary to provisions of the ROP as a result of proposed changes to the ROP defined terms contained in Appendix 2. The SAR will propose that members of the Project 2008-06 SDT are involved with the revisions to the ROP.
12	Distribution Factor	The portion of an Interchange Transaction, typically expressed in per unit that flows across a transmission facility (Flowgate).	the portion of an Interchange Transaction, typically expressed in per unit that flows across a transmission facility (Flowgate).**	Definitions are aligned.

13	Distribution Provider	Provides and operates the "wires" between the transmission system and the end-use customer. For those end-use customers who are served at transmission voltages, the Transmission Owner also serves as the Distribution Provider. Thus, the Distribution Provider is not defined by a specific voltage, but rather as performing the Distribution function at any voltage.	the entity that provides and operates the "wires" between the transmission system and the end-use customer. For those end-use customers who are served at transmission voltages, the Transmission Owner also serves as the Distribution Provider. Thus, the Distribution Provider is not defined by a specific voltage, but rather as performing the distribution function at any voltage.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to remove the capitalization from the term "Distribution" because it is not a defined term in Glossary (or the ROP). Redline of Glossary term: Provides and operates the "wires" between the transmission system and the end-use customer. For those end-use customers who are served at transmission voltages, the Transmission Owner also serves as the Distribution Provider. Thus, the Distribution Provider is not defined by a specific voltage, but rather as performing the ~~Distribution~~ distribution function at any voltage.
14	Element	Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An element may be comprised of one or more components.	any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An Element may be comprised of one or more components.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Element" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term. Redline of Glossary term: Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An ~~element~~ Element may be comprised of one or more components.
15	Facility	A set of electrical equipment that operates as a single Bulk Electric System Element (e.g., a line, a generator, a shunt compensator, transformer, etc.)	a set of electrical equipment that operates as a single Bulk Electric System Element (e.g., a line, a generator, a shunt compensator, transformer, etc.)**	Definitions are aligned.
16	Flowgate	1.) A portion of the Transmission system through which the Interchange Distribution Calculator calculates the power flow from Interchange Transactions. 2.) A mathematical construct, comprised of one or more monitored transmission Facilities and optionally one or more contingency Facilities,	1.) A portion of the transmission system through which the Interchange Distribution Calculator calculates the power flow from Interchange Transactions. 2.) A mathematical construct, comprised of one or more monitored transmission Facilities and optionally one or more contingency Facilities,	The SDT is recommending the following changes: (1) Revise the ROP definition to capitalize the word "Transmission." (2) Add the definition of "Transmission" to the ROP. The term is used (and capitalized) in other ROP definition narratives (see, for example, definition of Bulk Electric System). It is appropriate to capitalize it in this particular narrative because

		used to analyze the impact of power flows upon the Bulk Electric System.	used to analyze the impact of power flows upon the Bulk Electric System.**	its usage in this definition narrative is intended to have the meaning of the defined term. Additionally, as part of the work for this project, the SDT will develop a set of recommendations regarding improvements to the current ROP and Glossary resources. One of the recommendations will be to conduct a comprehensive review of both the ROP and Glossary to identify all instances where a defined term is used, but it is not capitalized (to indicate applicability or use of the definition). The SDT will recommend that for each occurrence of the term, an assessment is conducted to determine whether the term is intended to have the defined meaning; and in the event it is, then the appropriate revisions should be made. Redline of ROP term: 1.) A portion of the ~~transmission~~ Transmission system through which the Interchange Distribution Calculator calculates the power flow from Interchange Transactions. 2.) A mathematical construct, comprised of one or more monitored transmission Facilities and optionally one or more contingency Facilities, used to analyze the impact of power flows upon the Bulk Electric System.** Add new defined term ("Transmission") to the ROP: "Transmission" means an interconnected group of lines and associated equipment for the movement or transfer of electric energy between points of supply and points at which it is transformed for delivery to customers or is delivered to other electric systems.**
17	Generator Operator	The entity that operates generating unit(s) and performs the functions of supplying energy and Interconnected Operations Services.	the entity that operates generating Facility(ies) and performs the functions of supplying energy and Interconnected Operations Services.**	The SDT is proposing to revise the Glossary definition to align with the ROP. Redline of Glossary definition: The entity that operates generating Facility(ies) ~~unit(s)~~ and performs the functions of supplying energy and Interconnected Operations Services.

				Additionally, the SDT notes that during the course of its work on this project, the team reviewed and assessed the quality of the definition of "Facility." The SDT believes the clarity and content of the current definition could be improved. As a result, the SDT will draft a SAR proposing to revise the definition in order to address the issues identified by the SDT.
18	Generator Owner	Entity that owns and maintains generating units.	an entity that owns and maintains generating Facility(ies).**	The SDT is proposing to revise the Glossary definition to align with the ROP. Redline of Glossary definition: Entity that owns and maintains generating Facility(ies)~~units~~. Additionally, the SDT notes that during the course of its work on this project, the team reviewed and assessed the quality of the definition of "Facility." The SDT believes the clarity and content of the current definition could be improved. As a result, the SDT will draft a SAR proposing to revise the definition in order to address the issues identified by the SDT.
19	Interchange	Energy transfers that cross Balancing Authority boundaries.	energy transfers that cross Balancing Authority boundaries.**	Definitions are aligned.
20	Interchange Authority	The responsible entity that authorizes implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communication of Interchange information for reliability assessment purposes.	the responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communications of Interchange information for reliability assessment purposes.**	The SDT is recommending errata changes to both the Glossary and ROP definitions, as follows: (1) For the Glossary, add the word "the" to align with the ROP definition. (2) For the ROP, remove the "s" from "communications" to align with the Glossary definition. Redline of Glossary term: The responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communication of Interchange information for reliability assessment purposes.

				Redline of ROP term: The responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communications of Interchange information for reliability assessment purposes.**
21	Interchange Distribution Calculator	The mechanism used by Reliability Coordinators in the Eastern Interconnection to calculate the distribution of Interchange Transactions over specific Flowgates. It includes a database of all Interchange Transactions and a matrix of the Distribution Factors for the Eastern Interconnection.	the mechanism used by Reliability Coordinators in the Eastern Interconnection to calculate the distribution of Interchange Transactions over specific Flowgates. It includes a database of all Interchange Transactions and a matrix of the Distribution Factors for the Eastern Interconnection.**	Definitions are aligned.
22	Interchange Schedule	An agreed-upon Interchange Transaction size (megawatts), start and end time, beginning and ending ramp times and rate, and type required for delivery and receipt of power and energy between the Source and Sink Balancing Authorities involved in the transaction.	an agreed-upon Interchange Transaction size (megawatts), start and end time, beginning and ending ramp times and rate, and type required for delivery and receipt of power and energy between the Source and Sink Balancing Authorities involved in the transaction.**	Definitions are aligned.
23	Interchange Transaction	An agreement to transfer energy from a seller to a buyer that crosses one or more Balancing Authority Area boundaries.	an agreement to transfer energy from a seller to a buyer that crosses one or more Balancing Authority Area boundaries.**	Definitions are aligned.
24	Interconnected Operations Service	A service (exclusive of basic energy and transmission services) that is required to support the reliable operation of interconnected Bulk Electric Systems.	a service (exclusive of basic energy and Transmission Services) that is required to support the Reliable Operation of interconnected Bulk Electric Systems.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the terms "Transmission Services" and "Reliable Operation" because they are defined terms in the Glossary and their usage in this definition narrative is intended to have the meaning of the defined terms. Redline of Glossary term: A service (exclusive of basic energy and ~~transmission~~ Transmission ~~services~~Services) that is required to support the ~~reliable~~ Reliable ~~operation~~ Operation of interconnected Bulk Electric Systems.

25	Interconnection	Inactive beginning 6/30/16: When capitalized, any one of the three major electric system networks in North America: Eastern, Western, and ERCOT. Effective beginning 7/1/16: When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.	a geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control.++	The SDT is proposing to revise both the Glossary and ROP definitions (effective no earlier than 07/01/16), as follows: Redline of Glossary definition: A geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control. When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec. Redline of ROP definition: a geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control.++ When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.**
26	Interconnection Reliability Operating Limit	A System Operating Limit that, if violated, could lead to instability, uncontrolled separation, or Cascading outages that adversely impact the reliability of the Bulk Electric System.	a System Operating Limit that, if violated, could lead to instability, uncontrolled separation, or Cascading outages that adversely impact the reliability of the Bulk Electric System.**	Definitions are aligned.
27	Load	An end-use device or customer that receives power from the electric system.	an end-user device or customer that receives power from the electric system.**	The SDT is recommending an errata change to the ROP definition to align with the Glossary. Specifically, the SDT is proposing to remove the letter "r" from the word "user" in the ROP definition because it was inadvertently included when the definition was added to Appendix 2 of the ROP. On January 26, 2012, NERC filed a petition for approval of various revisions to the ROP, including the addition of new terms to Appendix 2. (*See*, NERC petition). The definition of "Load" was adopted from the Glossary, and marked with a double asterisk (**) to indicate as such. However, the definition included in the NERC petition added the letter "r" to the word "use" which did not (and does not currently) exist in the Glossary definition. For these reasons, the SDT is recommending

				removal of the "r" from the word "user" in the ROP definition in order to align the Glossary and ROP narratives. Redline of ROP term: an end-use~~r~~ device or customer that receives power from the electric system.** Additionally, the SDT notes that during the course of its work on this project, the team reviewed and assessed the quality and correctness of the definition of "Load." The SDT believes the current definition is deficient and could be improved in quality and content. As a result, will draft a SAR proposing to revise the definition in order to address the issues identified by the SDT.
28	Load-Serving Entity	Secures energy and transmission service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.	an entity that secures energy and Transmission Service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Transmission Service" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term. Redline of Glossary term: Secures energy and ~~transmission~~ Transmission ~~service~~ Service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.
29	Net Energy for Load or NEL	Net Balancing Authority Area generation, plus energy received from other Balancing Authority Areas, less energy delivered to Balancing Authority Areas through interchange. It includes Balancing Authority Area losses but excludes energy required for storage at energy storage facilities.	net generation of an electric system plus energy received from others less energy delivered to others through interchange. It includes system losses but excludes energy required for the storage of energy at energy storage facilities.	No changes to either ROP or Glossary. The SDT recommends the terms remain unaligned. The differences in the definition narratives are appropriate given the differing uses of the term within the Glossary and ROP.

30	Open Access Transmission Tariff	Electronic transmission tariff accepted by the U.S. Federal Energy Regulatory Commission requiring the Transmission Service Provider to furnish to all shippers with non-discriminating service comparable to that provided by Transmission Owners to themselves.	an electronic transmission tariff accepted by the U.S. Federal Energy Regulatory Commission requiring the Transmission Service Provider to furnish to all shippers with non-discriminating service comparable to that provided by Transmission Owners to themselves.**	Definitions are aligned.
31	Planning Authority	The responsible entity that coordinates and integrates transmission facility and service plans, resource plans, and protection systems.	the responsible entity that coordinates and integrates transmission Facilities and service plans, resource plans, and Protection Systems.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the terms "Facilities" and "Protection Systems" because they are defined terms in the Glossary and their usage in this definition narrative is intended to have the meaning of the defined terms. Redline of Glossary term: The responsible entity that coordinates and integrates transmission ~~facility~~ Facilities and service plans, resource plans, and ~~protection~~ Protection ~~systems~~Systems.
32	Point of Delivery	A location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction leaves or a Load-Serving Entity receives its energy.	a location that a Transmission Service Provider specifies on its transmission system where an Interchange Transaction leaves or a Load-Serving Entity receives its energy.**	Definitions are aligned.
33	Point of Receipt	A location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a Generator delivers its output.	a location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a generator delivers its output.	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to remove the capitalization from the term "Generator" because it is not a defined term in Glossary or the ROP. Also, because the proposed revisions to the Glossary term will result in alignment of the two definition narratives, the SDT is recommending that a double asterisk (**) is added to the ROP definition. Redline of Glossary term: A location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a ~~Generator~~ generator delivers its output.

				Redline of ROP term: a location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a generator delivers its output.**
34	Protection System	Protection System – • Protective relays which respond to electrical quantities, • Communications systems necessary for correct operation of protective functions • Voltage and current sensing devices providing inputs to protective relays, • Station dc supply associated with protective functions (including station batteries, battery chargers, and non-battery-based dc supply), and • Control circuitry associated with protective functions through the trip coil(s) of the circuit breakers or other interrupting devices.	protective relays which respond to electrical quantities, communications systems necessary for correct operation of protective functions, voltage and current sensing devices providing inputs to protective relays, station dc supply associated with protective functions (including batteries, battery chargers, and non-battery-based dc supply), and control circuitry associated with protective functions through the trip coil(s) of the circuit breakers or other interrupting devices.**	The SDT is recommending an errata change to the ROP definition to align with the Glossary. Specifically, the SDT is proposing to add the word "station" to qualify the Protection System component batteries because it was inadvertently left out of the ROP definition narrative. In 2013, FERC approved the currently effective Glossary definition, which included the qualifier of "station" to the battery term in the definition narrative. However, when the term was adopted in Appendix 2 of the ROP, the qualifier "station" was not included in the definition narrative. Redline of ROP definition: protective relays which respond to electrical quantities, communications systems necessary for correct operation of protective functions, voltage and current sensing devices providing inputs to protective relays, station dc supply associated with protective functions (including station batteries, battery chargers, and non-battery-based dc supply), and control circuitry associated with protective functions through the trip coil(s) of the circuit breakers or other interrupting devices.**
35	Purchasing-Selling Entity	The entity that purchases or sells, and takes title to, energy, capacity, and Interconnected Operations Services. Purchasing-Selling Entities may be affiliated or unaffiliated merchants and may or may not own generating facilities.	the entity that purchases, or sells, and takes title to, energy, capacity, and Interconnected Operations Services. Purchasing-Selling Entities may be affiliated or unaffiliated merchants and may or may not own generating facilities.**	Definitions are aligned.
36	Reactive Power	The portion of electricity that establishes and sustains the electric and magnetic fields of alternating-current equipment. Reactive power must be supplied to most types of magnetic equipment, such as motors and transformers. It	the portion of electricity that establishes and sustains the electric and magnetic fields of alternating-current equipment. Reactive Power must be supplied to most types of magnetic equipment, such as motors and transformers. It	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Power" because "Reactive Power" is a defined term and its usage in this definition narrative is intended to have the meaning of the defined term.

		also must supply the reactive losses on transmission facilities. Reactive power is provided by generators, synchronous condensers, or electrostatic equipment such as capacitors and directly influences electric system voltage. It is usually expressed in kilovars (kvar) or megavars (Mvar).	also must supply the reactive losses on transmission facilities. Reactive Power is provided by generators, synchronous condensers, or electrostatic equipment such as capacitors and directly influences electric system voltage. It is usually expressed in kilovars (kvar) or megavars (Mvar).**	Redline of Glossary term: The portion of electricity that establishes and sustains the electric and magnetic fields of alternating-current equipment. Reactive ~~power~~ Power must be supplied to most types of magnetic equipment, such as motors and transformers. It also must supply the reactive losses on transmission facilities. Reactive ~~power~~ Power is provided by generators, synchronous condensers, or electrostatic equipment such as capacitors and directly influences electric system voltage. It is usually expressed in kilovars (kvar) or megavars (Mvar).
37	Real Power	The portion of electricity that supplies energy to the load.	the portion of electricity that supplies energy to the Load.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "load" in the Glossary because it is a defined term and its usage in this definition narrative is intended to have the meaning of the defined term. In the definition narrative of Real Power, use of the word load is intended to mean an end-use device or customer. Redline of Glossary definition: The portion of electricity that supplies energy to the ~~load~~Load.
38	Reliability Coordinator	The entity that is the highest level of authority who is responsible for the reliable operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis and real-time operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.	the entity that is the highest level of authority who is responsible for the Reliable Operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis and real-time operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Reliable Operation" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term. Redline of Glossary term: The entity that is the highest level of authority who is responsible for the ~~reliable~~ Reliable ~~operation~~ Operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis and real-time operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of

				transmission systems beyond any Transmission Operator's vision.
39	Reliability Coordinator Area	The collection of generation, transmission, and loads within the boundaries of the Reliability Coordinator. Its boundary coincides with one or more Balancing Authority Areas.	the collection of generation, transmission and loads within the boundaries of the Reliability Coordinator. Its boundary coincides with one or more Balancing Authority Areas.**	Definitions are aligned.
40	Reliability Standard	A requirement, approved by the United States Federal Energy Regulatory Commission under this Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk-Power System]. The term includes requirements for the operation of existing bulk-power system [Bulk-Power System] facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk-Power System], but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity.	a requirement to provide for Reliable Operation of the Bulk Power System, including without limiting the foregoing, requirements for the operation of existing Bulk Power System Facilities, including cyber security protection, and including the design of planned additions or modifications to such Facilities to the extent necessary for Reliable Operation of the Bulk Power System, but the term does not include any requirement to enlarge Bulk Power System Facilities or to construct new transmission capacity or generation capacity. A Reliability Standard shall not be effective in the United States until approved by the Federal Energy Regulatory Commission and shall not be effective in other jurisdictions until made or allowed to become effective by the Applicable Governmental Authority.	The SDT is proposing revisions to both the Glossary and ROP definitions, as follows: Redline of Glossary definition: A requirement, approved by the United States Federal Energy Regulatory Commission under ~~this~~ Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk-Power System]. The term includes requirements for the operation of existing bulk-power system [Bulk~~-~~ Power System] facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk~~-~~ Power System], but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity. (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.) Redline of ROP definition: a requirement, approved by the United States Federal Energy Regulatory Commission under Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk Power System]~~., including without limiting the foregoing,~~ The term includes requirements for the operation of existing bulk-power system [Bulk Power System] ~~Facilities~~facilities, including cyber security protection, and ~~including~~ the design of planned additions or

				modifications to such ~~Facilities~~ facilities to the extent necessary for reliable operation [Reliable Operation] of the bulk-power system [Bulk Power System], but the term does not include any requirement to enlarge ~~Bulk Power System~~ such ~~Facilities~~ facilities or to construct new transmission capacity or generation capacity.++ (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.) In certain contexts, this term may also refer to a "Reliability Standard" that is in the process of being developed, or not yet approved or recognized by FERC or an applicable governmental authority in other jurisdictions. ~~A Reliability Standard shall not be effective in the United States until approved by the Federal Energy Regulatory Commission and shall not be effective in other jurisdictions until made or allowed to become effective by the Applicable Governmental Authority.~~
41	Reliable Operation	Operating the elements of the bulk-power system [Bulk-Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements.	operating the Elements of the Bulk Power System within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or Cascading failures of such system will not occur as a result of a sudden disturbance, including a Cyber Security Incident, or unanticipated failure of system Elements.++	The SDT is recommending changes to capitalization in the ROP definition to align with the Glossary and the Federal Power Act. Specifically, the SDT is proposing to remove capitalization of the terms "Elements," "Bulk Power System" "Cascading," and "Cyber Security incident," in order for the definition to remain consistent with the language in the Federal Power Act. Additionally, for both definitions, the SDT is recommending the addition of an explanatory sentence to clarify why defined terms contained in the definition narrative are not capitalized. Redline of Glossary term: Operating the elements of the bulk-power system [Bulk~~-~~ Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements. (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)

				Redline of ROP term: operating the ~~Elements~~ elements of the bulk-power system [Bulk Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or ~~Cascading~~ cascading failures of such system will not occur as a result of a sudden disturbance, including a ~~Cyber Security Incident~~ cybersecurity incident, or unanticipated failure of system ~~Elements~~elements.++ (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)
42	Reserve Sharing Group	A group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (e.g., ten minutes). If the transaction is ramped in quicker (e.g., between zero and ten minutes) then, for the purposes of Disturbance Control Performance, the Areas become a Reserve Sharing Group.	a group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (e.g. ten minutes). If the transaction is ramped in quicker, (e.g., between zero and ten minutes), then, for the purposes of disturbance control performance, the areas become a Reserve Sharing Group.**	The SDT is recommending changes to both the Glossary and ROP definitions. Specifically, the SDT is proposing to revise the Glossary definition by removing the capitalization for the terms "Disturbance Control Performance" and "Area" because these are not defined terms. (Note that Disturbance Control Standard and Disturbance are both defined terms). Also, in the ROP definition, the SDT is proposing removal of the unnecessary commas to align with the Glossary definition. Redline of Glossary term: A group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (*e.g.*, ten minutes). If the transaction is ramped in quicker (*e.g.*, between zero and ten minutes) then, for the purposes of ~~Disturbance~~ disturbance ~~Control~~ control ~~Performance~~performance, the ~~Areas~~ areas become a Reserve Sharing Group. Redline of ROP term: a group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply

				operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (*e.g.*, ten minutes). If the transaction is ramped in quicker~~,~~ (*e.g.*, between zero and ten minutes)~~,~~ then, for the purposes of disturbance control performance, the areas become a Reserve Sharing Group.**
43	Resource Planner	The entity that develops a long-term (generally one year and beyond) plan for the resource adequacy of specific loads (customer demand and energy requirements) within a Planning Authority Area.	the entity that develops a long-term (generally one year and beyond) plan for the resource adequacy of specific loads (customer demand and energy requirements) within a Planning Authority area.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to remove the capitalization from the term "Area" because it is not a defined term in Glossary or the ROP. Redline of Glossary term: The entity that develops a long-term (generally one year and beyond) plan for the resource adequacy of specific loads (customer demand and energy requirements) within a Planning Authority ~~Area~~area.
44	Sink Balancing Authority	The Balancing Authority in which the load (sink) is located for an Interchange Transaction and any resulting Interchange Schedule.	the Balancing Authority in which the Load (sink) is located for an Interchange Transaction.**	The SDT is proposing to revise the ROP definition to align with the Glossary definition. Redline of ROP definition: the Balancing Authority in which the ~~Load~~ load (sink) is located for an Interchange Transaction and any resulting Interchange Schedule.**
45	Source Balancing Authority	The Balancing Authority in which the generation (source) is located for an Interchange Transaction and for any resulting Interchange Schedule.	the Balancing Authority in which the generation (source) is located for an Interchange Transaction.**	The SDT is proposing to revise the ROP definition to align with the Glossary definition. Redline of ROP definition: the Balancing Authority in which the generation (source) is located for an Interchange Transaction and for any resulting Interchange Schedule.**

46	Special Protection System	An automatic protection system designed to detect abnormal or predetermined system conditions, and take corrective actions other than and/or in addition to the isolation of faulted components to maintain system reliability. Such action may include changes in demand, generation (MW and Mvar), or system configuration to maintain system stability, acceptable voltage, or power flows. An SPS does not include (a) underfrequency or undervoltage load shedding or (b) fault conditions that must be isolated or (c) out-of-step relaying (not designed as an integral part of an SPS). Also called Remedial Action Scheme.	an automatic protection system designed to detect abnormal or predetermined system conditions, and take corrective actions other than and/or in addition to the isolation of faulted components to maintain system reliability. Such action may include changes in demand, generation (MW and Mvar), or system configuration to maintain system stability, acceptable voltage, or power flows. A Special Protection System does not include (a) underfrequency or undervoltage Load shedding or (b) fault conditions that must be isolated, or (c) out-of-step relaying (not designed as an integral part of a Special Protection System).**	The SDT is not proposing any alignment revisions at this time. This is because the Project 2010-5.3 drafting team work is still underway and the team may propose changes to this definition. Once the Project 2010-5.3 team finalizes its work, then it will be appropriate to make any necessary alignment changes to the definition of Special Protection System.
47	System	A combination of generation, transmission, and distribution components.	a combination of generation, transmission and distribution components.**	Definitions are aligned.
48	System Operating Limit	The value (such as MW, MVar, Amperes, Frequency or Volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to: • Facility Ratings (Applicable pre- and post-Contingency equipment or facility ratings) • Transient Stability Ratings (Applicable pre- and post-Contingency Stability Limits) • Voltage Stability Ratings (Applicable pre- and post-Contingency Voltage Stability) • System Voltage Limits (Applicable pre- and post-Contingency Voltage Limits)	the value (such as MW, Mvar, amperes, frequency or volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria.**	The SDT is proposing to revise both the Glossary and ROP, as follows: Redline of Glossary definition: The value (such as MW, MVar, ~~A~~amperes, ~~Frequency~~ frequency or ~~Volts~~volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to: • Facility Ratings (~~Applicable~~ applicable pre- and post-Contingency ~~equipment~~ Equipment Ratings or ~~facility~~ Facility ~~ratings~~Ratings) • ~~Transient~~ transient ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Stability~~ stability ~~Limits~~limits) • ~~Voltage~~ voltage ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Stability~~stability)

				• ~~System~~ system ~~Voltage~~ voltage ~~Limits~~ limits (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Limits~~limits) Redline of ROP definition: the value (such as MW, Mvar, amperes, frequency or volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to: • facility ratings (applicable pre- and post-contingency equipment ratings or facility ratings) • transient stability ratings (applicable pre- and post-contingency stability limits) • voltage stability ratings (applicable pre- and post-contingency voltage stability) • system voltage limits (applicable pre- and post-contingency voltage limits)**
49	Transmission Customer	1. Any eligible customer (or its designated agent) that can or does execute a transmission service agreement or can or does receive transmission service. 2. Any of the following responsible entities: Generator Owner, Load-Serving Entity, or Purchasing-Selling Entity.	1. any eligible customer (or its designated agent) that can or does execute a Transmission Service agreement or can and does receive Transmission Service. 2. Any of the following ~~responsible~~ entities: Generator Owner, Load-Serving Entity, or Purchasing-Selling Entity.**	The SDT is recommending the following changes: (1) Revise the Glossary definition to capitalize the term "Transmission Service" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term. (2) Remove the word "responsible" to align with the ROP definition. The word "responsible" was originally included in the ROP definition, but was recently removed by the Risk-Based Registration project. The Glossary should be updated to reflect these recent changes. Redline of Glossary term: 1. Any eligible customer (or its designated agent) that can or does execute a ~~transmission~~ Transmission ~~service~~ Service agreement or can or does receive ~~transmission~~ Transmission ~~service~~Service. 2. Any of the following ~~responsible~~ entities: Generator Owner, Load-Serving Entity, or Purchasing-Selling Entity.

50	Transmission Operator	The entity responsible for the reliability of its "local" transmission system, and that operates or directs the operations of the transmission facilities.	the entity responsible for the reliability of its "local" transmission system, and that operates or directs the operations of the transmission Facilities.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Facilities" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term. Redline of Glossary term: The entity responsible for the reliability of its "local" transmission system, and that operates or directs the operations of the transmission ~~facilities~~Facilities.
51	Transmission Owner	The entity that owns and maintains transmission facilities.	the entity that owns and maintains transmission Facilities.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Facilities" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term. Redline of Glossary term: The entity that owns and maintains transmission ~~facilities~~Facilities.
52	Transmission Planner	The entity that develops a long-term (generally one year and beyond) plan for the reliability (adequacy) of the interconnected bulk electric transmission systems within its portion of the Planning Authority Area.	the entity that develops a long-term (generally one year and beyond) plan for the reliability (adequacy) of the interconnected bulk electric transmission systems within its portion of the Planning Authority area.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to remove the capitalization from the term "Area" because it is not a defined term in Glossary or the ROP. Redline of Glossary term: The entity that develops a long-term (generally one year and beyond) plan for the reliability (adequacy) of the interconnected bulk electric transmission systems within its portion of the Planning Authority ~~Area~~area.
53	Transmission Service	Services provided to the Transmission Customer by the Transmission Service Provider to move energy from a Point of Receipt to a Point of Delivery.	services provided to the Transmission Customer by the Transmission Service Provider to move energy from a Point of Receipt to a Point of Delivery.**	Definitions are aligned.

54	Transmission Service Provider	The entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable transmission service agreements.	the entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable Transmission Service agreements.**	The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Transmission Service" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term. Redline of Glossary term: The entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable ~~transmission~~ Transmission ~~service~~ Service agreements.
55	Wide Area	The entire Reliability Coordinator Area as well as the critical flow and status information from adjacent Reliability Coordinator Areas as determined by detailed system studies to allow the calculation of Interconnected Reliability Operating Limits.	the entire Reliability Coordinator Area as well as the critical flow and status information from adjacent Reliability Coordinator Areas as determined by detailed system studies to allow the calculation of Interconnected Reliability Operating Limits.**	Definitions are aligned.

Proposed Revisions to the Glossary of Terms

Project 2015-04 Alignment of Terms

#	Term	Existing Glossary definition	Redline of Glossary definition
4	Blackstart Resource	A generating unit(s) and its associated set of equipment which has the ability to be started without support from the System or is designed to remain energized without connection to the remainder of the System, with the ability to energize a bus, meeting the Transmission Operator's restoration plan needs for real and reactive power capability, frequency and voltage control, and that has been included in the Transmission Operator's restoration plan.	A generating unit(s) and its associated set of equipment which has the ability to be started without support from the System or is designed to remain energized without connection to the remainder of the System, with the ability to energize a bus, meeting the Transmission Operator's restoration plan needs for ~~real~~ Real and ~~reactive~~ Reactive ~~power~~ Power capability, frequency and voltage control, and that has been included in the Transmission Operator's restoration plan.
6	Bulk-Power System	Bulk-Power System: A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and (B) electric energy from generation facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy.	Bulk~~-~~ Power System: (A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and (B) electric energy from generation facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy. (In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1], defined terms contained in this narrative are not capitalized.) Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning.

7	Cascading	The uncontrolled successive loss of system elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be restrained from sequentially spreading beyond an area predetermined by studies.	The uncontrolled successive loss of ~~system~~ System ~~elements~~ Elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be restrained from sequentially spreading beyond an area predetermined by studies.
13	Distribution Provider	Provides and operates the "wires" between the transmission system and the end-use customer. For those end-use customers who are served at transmission voltages, the Transmission Owner also serves as the Distribution Provider. Thus, the Distribution Provider is not defined by a specific voltage, but rather as performing the Distribution function at any voltage.	Provides and operates the "wires" between the transmission system and the end-use customer. For those end-use customers who are served at transmission voltages, the Transmission Owner also serves as the Distribution Provider. Thus, the Distribution Provider is not defined by a specific voltage, but rather as performing the ~~Distribution~~ distribution function at any voltage.
14	Element	Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An element may be comprised of one or more components.	Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An ~~element~~ Element may be comprised of one or more components.
17	Generator Operator	The entity that operates generating unit(s) and performs the functions of supplying energy and Interconnected Operations Services.	The entity that operates generating Facility(ies) ~~unit(s)~~ and performs the functions of supplying energy and Interconnected Operations Services.
18	Generator Owner	Entity that owns and maintains generating units.	Entity that owns and maintains generating Facility(ies)~~units~~.

20	Interchange Authority	The responsible entity that authorizes implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communication of Interchange information for reliability assessment purposes.	The responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communication of Interchange information for reliability assessment purposes.
24	Interconnected Operations Service	A service (exclusive of basic energy and transmission services) that is required to support the reliable operation of interconnected Bulk Electric Systems.	A service (exclusive of basic energy and ~~transmission~~ Transmission ~~services~~Services) that is required to support the ~~reliable~~ Reliable ~~operation~~ Operation of interconnected Bulk Electric Systems.
25	Interconnection	**Effective beginning 7/1/16**: When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.	A geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control. When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.
28	Load-Serving Entity	Secures energy and transmission service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.	Secures energy and ~~transmission~~ Transmission ~~service~~ Service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.

31	Planning Authority	The responsible entity that coordinates and integrates transmission facility and service plans, resource plans, and protection systems.	The responsible entity that coordinates and integrates transmission ~~facility~~ Facilities and service plans, resource plans, and ~~protection~~ Protection ~~systems~~Systems.
33	Point of Receipt	A location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a Generator delivers its output.	A location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a ~~Generator~~ generator delivers its output.
36	Reactive Power	The portion of electricity that establishes and sustains the electric and magnetic fields of alternating-current equipment. Reactive power must be supplied to most types of magnetic equipment, such as motors and transformers. It also must supply the reactive losses on transmission facilities. Reactive power is provided by generators, synchronous condensers, or electrostatic equipment such as capacitors and directly influences electric system voltage. It is usually expressed in kilovars (kvar) or megavars (Mvar).	The portion of electricity that establishes and sustains the electric and magnetic fields of alternating-current equipment. Reactive ~~power~~ Power must be supplied to most types of magnetic equipment, such as motors and transformers. It also must supply the reactive losses on transmission facilities. Reactive ~~power~~ Power is provided by generators, synchronous condensers, or electrostatic equipment such as capacitors and directly influences electric system voltage. It is usually expressed in kilovars (kvar) or megavars (Mvar).
37	Real Power	The portion of electricity that supplies energy to the load.	The portion of electricity that supplies energy to the ~~load~~Load.
38	Reliability Coordinator	The entity that is the highest level of authority who is responsible for the reliable operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis	The entity that is the highest level of authority who is responsible for the ~~reliable~~ Reliable ~~operation~~ Operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis

		and real-time operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.	and real-time operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.
40	Reliability Standard	A requirement, approved by the United States Federal Energy Regulatory Commission under this Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk-Power System]. The term includes requirements for the operation of existing bulk-power system [Bulk-Power System] facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk-Power System], but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity.	A requirement, approved by the United States Federal Energy Regulatory Commission under ~~this~~ Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk~~-~~ Power System]. The term includes requirements for the operation of existing bulk-power system [Bulk~~-~~ Power System] facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk~~-~~ Power System], but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity. (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)
41	Reliable Operation	Operating the elements of the bulk-power system [Bulk-Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements.	Operating the elements of the bulk-power system [Bulk~~-~~ Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements. (In order to remain

			consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)
42	Reserve Sharing Group	A group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (e.g., ten minutes). If the transaction is ramped in quicker (e.g., between zero and ten minutes) then, for the purposes of Disturbance Control Performance, the Areas become a Reserve Sharing Group.	A group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (*e.g.*, ten minutes). If the transaction is ramped in quicker (*e.g.*, between zero and ten minutes) then, for the purposes of ~~Disturbance~~ disturbance ~~Control~~ control ~~Performance~~performance, the ~~Areas~~ areas become a Reserve Sharing Group.
43	Resource Planner	The entity that develops a long-term (generally one year and beyond) plan for the resource adequacy of specific loads (customer demand and energy requirements) within a Planning Authority Area.	The entity that develops a long-term (generally one year and beyond) plan for the resource adequacy of specific loads (customer demand and energy requirements) within a Planning Authority ~~Area~~area.
48	System Operating Limit	The value (such as MW, MVar, Amperes, Frequency or Volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to:	The value (such as MW, MVar, ~~A~~amperes, ~~Frequency~~ frequency or ~~Volts~~volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to:

		• Facility Ratings (Applicable pre- and post-Contingency equipment or facility ratings) • Transient Stability Ratings (Applicable pre- and post-Contingency Stability Limits) • Voltage Stability Ratings (Applicable pre- and post-Contingency Voltage Stability) • System Voltage Limits (Applicable pre- and post-Contingency Voltage Limits)	• Facility Ratings (~~Applicable~~ applicable pre- and post-Contingency ~~equipment~~ Equipment Ratings or ~~facility~~ Facility ~~ratings~~Ratings) • ~~Transient~~ transient ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Stability~~ stability ~~Limits~~limits) • ~~Voltage~~ voltage ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Stability~~stability) • ~~System~~ system ~~Voltage~~ voltage ~~Limits~~ limits (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Limits~~limits)
49	Transmission Customer	1. Any eligible customer (or its designated agent) that can or does execute a transmission service agreement or can or does receive transmission service. 2. Any of the following responsible entities: Generator Owner, Load-Serving Entity, or Purchasing-Selling Entity.	1. Any eligible customer (or its designated agent) that can or does execute a ~~transmission~~ Transmission ~~service~~ Service agreement or can or does receive ~~transmission~~ Transmission ~~service~~Service. 2. Any of the following ~~responsible~~ entities: Generator Owner, Load-Serving Entity, or Purchasing-Selling Entity.
50	Transmission Operator	The entity responsible for the reliability of its “local” transmission system, and that operates or directs the operations of the transmission facilities.	The entity responsible for the reliability of its “local” transmission system, and that operates or directs the operations of the transmission ~~facilities~~Facilities.
51	Transmission Owner	The entity that owns and maintains transmission facilities.	The entity that owns and maintains transmission ~~facilities~~Facilities.

52	Transmission Planner	The entity that develops a long-term (generally one year and beyond) plan for the reliability (adequacy) of the interconnected bulk electric transmission systems within its portion of the Planning Authority Area.	The entity that develops a long-term (generally one year and beyond) plan for the reliability (adequacy) of the interconnected bulk electric transmission systems within its portion of the Planning Authority ~~Area~~area.
54	Transmission Service Provider	The entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable transmission service agreements.	The entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable ~~transmission~~ Transmission ~~service~~ Service agreements.

Proposed Revisions to Appendix 2 of the Rules of Procedure

Project 2015-04 Alignment of Terms

#	Cross-over Term	Existing Appendix 2, ROP definition	Redline of Appendix 2, ROP definition
1	Adjacent Balancing Authority	a Balancing Authority Area that is interconnected to another Balancing Authority Area either directly or via a multi-party agreement or transmission tariff.**	a Balancing Authority ~~Area~~ whose Balancing Authority Area ~~that~~ is interconnected with ~~to~~ another Balancing Authority Area either directly or via a multi-party agreement or transmission tariff.**
2	Balancing Authority	the responsible entity that integrates resource plans ahead of time, maintains Load-interchange-generation balance within a Balancing Authority Area, and supports Interconnection frequency in real time.**	the responsible entity that integrates resource plans ahead of time, maintains ~~Load~~load-interchange-generation balance within a Balancing Authority Area, and supports Interconnection frequency in real time.**
3	Balancing Authority Area	the collection of generation, transmission, and Loads within the metered boundaries of the Balancing Authority. The Balancing Authority maintains Load-resource balance within this area.**	the collection of generation, transmission, and ~~Loads~~ loads within the metered boundaries of the Balancing Authority. The Balancing Authority maintains ~~Load~~load-resource balance within this area.**
6	Bulk Power System	"Bulk Power System" means, depending on the context: (i) Facilities and control systems necessary for operating an interconnected electric energy supply and transmission network (or any portion thereof),	Bulk Power System" means, depending on the context: (i) (A) ~~Facilities~~ facilities and control systems necessary for operating an interconnected electric energy ~~supply and~~ transmission network (or any portion thereof);~~,~~ and

		and electric energy from generating facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy [++]. (ii) Solely for purposes of Appendix 4E, Bulk Electric System.	(B) electric energy from generation~~g~~ facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy [++].(In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1], defined terms contained in this narrative are not capitalized.)-Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning. (ii) Solely for purposes of Appendix 4E, Bulk Electric System.
16	Flowgate	1.) A portion of the transmission system through which the Interchange Distribution Calculator calculates the power flow from Interchange Transactions. 2.) A mathematical construct, comprised of one or more monitored transmission Facilities and optionally one or more contingency Facilities, used to analyze the impact of power flows upon the Bulk Electric System.**	1.) A portion of the ~~transmission~~ Transmission system through which the Interchange Distribution Calculator calculates the power flow from Interchange Transactions. 2.) A mathematical construct, comprised of one or more monitored transmission Facilities and optionally one or more contingency Facilities, used to analyze the impact of power flows upon the Bulk Electric System.** **Add "Transmission" as a new defined term to the ROP:** "Transmission" means an interconnected group of lines and associated equipment for the movement or transfer of electric energy between points of supply and points at which it is transformed for delivery to customers or is delivered to other electric systems.**
20	Interchange Authority	the responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communications of Interchange information for reliability assessment purposes.**	The responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communication~~s~~ of Interchange information for reliability assessment purposes.**

25	Interconnection	a geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control.++	a geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control.++ When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.**
27	Load	an end-user device or customer that receives power from the electric system.**	an end-use~~r~~ device or customer that receives power from the electric system.**
33	Point of Receipt	a location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a generator delivers its output.	a location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a generator delivers its output.**
34	Protection System	protective relays which respond to electrical quantities, communications systems necessary for correct operation of protective functions, voltage and current sensing devices providing inputs to protective relays, station dc supply associated with protective functions (including batteries, battery chargers, and non-battery-based dc supply), and control circuitry associated with protective functions through the trip coil(s) of the circuit breakers or other interrupting devices.**	protective relays which respond to electrical quantities, communications systems necessary for correct operation of protective functions, voltage and current sensing devices providing inputs to protective relays, station dc supply associated with protective functions (including station batteries, battery chargers, and non-battery-based dc supply), and control circuitry associated with protective functions through the trip coil(s) of the circuit breakers or other interrupting devices.**

40	Reliability Standard	a requirement to provide for Reliable Operation of the Bulk Power System, including without limiting the foregoing, requirements for the operation of existing Bulk Power System Facilities, including cyber security protection, and including the design of planned additions or modifications to such Facilities to the extent necessary for Reliable Operation of the Bulk Power System, but the term does not include any requirement to enlarge Bulk Power System Facilities or to construct new transmission capacity or generation capacity. A Reliability Standard shall not be effective in the United States until approved by the Federal Energy Regulatory Commission and shall not be effective in other jurisdictions until made or allowed to become effective by the Applicable Governmental Authority.	a requirement, approved by the United States Federal Energy Regulatory Commission under Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk Power System]~~, including without limiting the foregoing,~~ The term includes requirements for the operation of existing bulk-power system [Bulk Power System] ~~Facilities~~facilities, including cyber-security protection, and ~~including~~ the design of planned additions or modifications to such ~~Facilities~~ facilities to the extent necessary for reliable operation [Reliable Operation] of the bulk-power system [Bulk Power System], but the term does not include any requirement to enlarge ~~Bulk Power System~~ such ~~Facilities~~ facilities or to construct new transmission capacity or generation capacity.~~+~~+ (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.) In certain contexts, this term may also refer to a "Reliability Standard" that is in the process of being developed, or not yet approved or recognized by FERC or an applicable governmental authority in other jurisdictions. ~~A Reliability Standard shall not be effective in the United States until approved by the Federal Energy Regulatory Commission and shall not be effective in other jurisdictions until made or allowed to become effective by the Applicable Governmental Authority.~~
41	Reliable Operation	operating the Elements of the Bulk Power System within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or Cascading failures of such system will not occur as a result of a sudden	operating the ~~Elements~~ elements of the bulk-power system [Bulk Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or ~~Cascading~~ cascading failures of such system will not occur as a result of a sudden disturbance, including a ~~Cyber Security Incident~~ cybersecurity incident, or unanticipated failure of system

		disturbance, including a Cyber Security Incident, or unanticipated failure of system Elements.++	~~Elements~~elements.++ (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)
42	Reserve Sharing Group	a group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (*e.g.* ten minutes). If the transaction is ramped in quicker, (*e.g.*, between zero and ten minutes), then, for the purposes of disturbance control performance, the areas become a Reserve Sharing Group.**	a group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (*e.g.*, ten minutes). If the transaction is ramped in quicker~~,~~ (*e.g.*, between zero and ten minutes)~~,~~ then, for the purposes of disturbance control performance, the areas become a Reserve Sharing Group.**
44	Sink Balancing Authority	the Balancing Authority in which the Load (sink) is located for an Interchange Transaction.**	the Balancing Authority in which the ~~Load~~ load (sink) is located for an Interchange Transaction and any resulting Interchange Schedule.**
45	Source Balancing Authority	the Balancing Authority in which the generation (source) is located for an Interchange Transaction.**	the Balancing Authority in which the generation (source) is located for an Interchange Transaction and for any resulting Interchange Schedule.**

48	System Operating Limit	the value (such as MW, Mvar, amperes, frequency or volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria.**	the value (such as MW, Mvar, amperes, frequency or volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to: • facility ratings (applicable pre- and post-contingency equipment ratings or facility ratings) • transient stability ratings (applicable pre- and post-contingency stability limits) • voltage stability ratings (applicable pre- and post-contingency voltage stability) • system voltage limits (applicable pre- and post-contingency voltage limits).**

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Standards Announcement

Project 2015-04 Alignment of Terms

Formal Comment Period Open through July 27, 2015
Ballot Pools Forming through July 13, 2015

Now Available

A 45-day formal comment period for the **Project 2015-04 Alignment of Terms** proposed Glossary revisions, is open through **8 p.m. Eastern, Monday, July 27, 2015.**

Commenting

Use the electronic form to submit comments on the proposed Glossary revisions. If you experience any difficulties in using the electronic form, contact Wendy Muller. An unofficial Word version of the comment form is posted on the project page.

Join the Ballot Pools

Ballot pools are being formed through **8 p.m. Eastern, Monday, July 13, 2015.** Registered Ballot Body members may join the ballot pools here.

Note: Each Glossary definition will be balloted separately, so **registration is required for each of the 26 ballot pools** for this project.

Next Steps

Initial ballots for the Glossary definitions will be conducted **July 17-27, 2015**.

Glossary Terms under Revision

Term No.		Term No.		Term No.	
4	Blackstart Resource	25	Interconnection	42	Reserve Sharing Group
6	Bulk-Power System	28	Load-Serving Entity	43	Resource Planner
7	Cascading	31	Planning Authority	48	System Operating Limit
13	Distribution Provider	33	Point of Receipt	49	Transmission Customer
14	Element	36	Reactive Power	50	Transmission Operator
17	Generator Operator	37	Real Power	51	Transmission Owner
18	Generator Owner	38	Reliability Coordinator	52	Transmission Planner
20	Interchange Authority	40	Reliability Standard	54	Transmission Service Provider
24	Interconnected Operations Service	41	Reliable Operation		

For a complete list of cross-over terms, see Attachment 1 to the "Proposed Revisions to Align Cross-Over Terms" document posted on the project page.

Proposed Rules of Procedure Revisions: Commenting

Participation in the commenting process with regard to the proposed revisions to the Rules of Procedure is open to all persons who are directly and materially affected by the reliability of the North American Bulk Power System. There is no ballot requirement, and thus, no ballot pool formation. A detailed overview of the proposed ROP revisions can be found in the "Proposed Revisions to Align Cross-Over Terms" document. You may submit comments regarding the proposed ROP revisions by going to the ROP webpage on the NERC website, or by clicking here. The 45-day comment period will be June 12, 2015 through 8 p.m. Eastern, Monday, July 27, 2015.

For more information on the Standards Development Process, refer to the Standard Processes Manual.

For more information or assistance, contact Standards Developer, Lacey Ourso (via email), or at (404) 446-2581.

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BALLOT RESULTS

Survey: View Survey Results (/SurveyResults/Index/18)
Ballot Name: 2015-04 Alignment of Terms Term 4: Blackstart Resource IN 1 DEF
Voting Start Date: 7/17/2015 12:01:00 AM
Voting End Date: 7/27/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: IN
Ballot Series: 1
Total # Votes: 255
Total Ballot Pool: 281
Quorum: 90.75
Weighted Segment Value: 91.46

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	63	0.984	1	0.016	0	3	3
Segment: 2	7	0.7	2	0.2	5	0.5	0	0	0
Segment: 3	64	1	53	0.981	1	0.019	0	2	8
Segment: 4	25	1	20	1	0	0	0	2	3

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Segment: 5	61	1	52	0.981	1	0.019	0	1	7
Segment: 6	42	1	36	0.973	1	0.027	0	1	4
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.6	6	0.6	0	0	0	0	1
Totals:	281	6.8	237	6.219	9	0.581	0	9	26

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo

1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A
1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		None	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A

1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A
1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Martin Boisvert		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Doug Bantam		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Negative	Comments Submitted
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		None	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A

1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A
1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Julaine Dyke		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A

1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A
1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A

1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A
2	Electric Reliability Council of Texas, Inc.	christina bigelow		Negative	Comments Submitted
2	Herb Schrayshuen	Herb Schrayshuen		Negative	Third-Party Comments
2	Independent Electricity System Operator	Leonard Kula		Negative	Comments Submitted
2	ISO New England, Inc.	Michael Puscas	Robert Coughlin	Negative	Third-Party Comments
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	Comments Submitted
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Lisa Martin		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		None	N/A
3	Berkshire Hathaway Energy -	Thomas Mielnik	Darnez Gresham	Affirmative	N/A

	MidAmerican Energy Co.				
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A
3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		None	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		None	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations	Scott McGough		Abstain	N/A

	Corporation				
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and Power	Mike Anctil		None	N/A
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Negative	Comments Submitted
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A

3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Terry Baker		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		None	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A
3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins		None	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		None	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A

3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A
4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		None	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations	Guy Andrews		Abstain	N/A

	Corporation				
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Indiana Municipal Power Agency	Jack Alvey	Scott Berry	Abstain	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		None	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A

5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Black Hills Corporation	George Tatar		None	N/A
5	Boise-Kuna Irrigation District - Lucky Peak Power Plant Project	Mike Kukla		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Affirmative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		None	N/A
5	City and County of San Francisco	Daniel Mason		None	N/A
5	City of Independence, Power and Light Department	Jim Nail		Abstain	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Kaleb Brimhall		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A

5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Negative	Comments Submitted
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Affirmative	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A

5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		None	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern	William D. Shultz		Affirmative	N/A

	Company Generation				
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	Mark Castagneri		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A

6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		None	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Negative	Comments Submitted
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		None	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	Sing Tay	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A

6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		None	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Talen Energy Marketing, LLC	Elizabeth Davis		None	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Tiffany Lake		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A

9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	David Greene		None	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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BALLOT RESULTS

Survey: View Survey Results (/SurveyResults/Index/18)
Ballot Name: 2015-04 Alignment of Terms Term 6: Bulk-Power System IN 1 DEF
Voting Start Date: 7/17/2015 12:01:00 AM
Voting End Date: 7/27/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: IN
Ballot Series: 1
Total # Votes: 258
Total Ballot Pool: 282
Quorum: 91.49
Weighted Segment Value: 88.57

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	61	0.953	3	0.047	0	3	3
Segment: 2	7	0.7	2	0.2	5	0.5	0	0	0
Segment: 3	64	1	50	0.926	4	0.074	0	2	8
Segment: 4	23	1	19	0.95	1	0.05	0	2	3

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Segment: 5	61	1	52	0.963	2	0.037	0	2	5
Segment: 6	42	1	34	0.919	3	0.081	0	1	4
Segment: 7	2	0.2	2	0.2	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.6	6	0.6	0	0	0	0	1
Totals:	282	6.9	230	6.111	18	0.789	0	10	24

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo

1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A
1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		None	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Negative	Comments Submitted

1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A
1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Martin Boisvert		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Doug Bantam		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Negative	Comments Submitted
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		None	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A

1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A
1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Julaine Dyke		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A

1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A
1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Negative	Third-Party Comments
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A

1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A
2	Electric Reliability Council of Texas, Inc.	christina bigelow		Negative	Comments Submitted
2	Herb Schrayshuen	Herb Schrayshuen		Negative	Third-Party Comments
2	Independent Electricity System Operator	Leonard Kula		Negative	Comments Submitted
2	ISO New England, Inc.	Michael Puscas	John Pearson	Negative	Comments Submitted
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	Comments Submitted
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Lisa Martin		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A

3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		None	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Negative	Comments Submitted
3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		None	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Negative	Comments Submitted
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A

3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		None	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and Power	Mike Anctil		None	N/A
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Negative	Comments Submitted
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A

3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Terry Baker		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		None	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A
3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins		None	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Negative	Third-Party Comments
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A

3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		None	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A
4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A

4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		None	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Indiana Municipal Power Agency	Jack Alvey	Scott Berry	Abstain	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Negative	Third-Party Comments
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A

4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		None	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		Affirmative	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Boise-Kuna Irrigation District - Lucky Peak Power Plant Project	Mike Kukla		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	Third-Party Comments
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		None	N/A
5	City and County of San Francisco	Daniel Mason		None	N/A
5	City of Independence, Power and Light Department	Jim Nail		Abstain	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Kaleb Brimhall		Affirmative	N/A

5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Negative	Comments Submitted

5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Oxy - Ingleside Cogeneration LP	Michelle D'Antuono		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A

5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		None	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	Mark Castagneri		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A

6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Negative	Third-Party Comments
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		None	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Negative	Comments Submitted
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and	Silvia Mitchell		None	N/A

	Light Co.				
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	Sing Tay	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		None	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Negative	Third-Party Comments
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A

6	Talen Energy Marketing, LLC	Elizabeth Davis		None	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Tiffany Lake		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
7	Oxy - Occidental Chemical	Venona Greaff		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	David Greene		None	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

BALLOT RESULTS

Survey: View Survey Results (/SurveyResults/Index/18)
Ballot Name: 2015-04 Alignment of Terms Term 7: Cascading IN 1 DEF
Voting Start Date: 7/17/2015 12:01:00 AM
Voting End Date: 7/27/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: IN
Ballot Series: 1
Total # Votes: 256
Total Ballot Pool: 280
Quorum: 91.43
Weighted Segment Value: 86.68

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	58	0.906	6	0.094	0	3	3
Segment: 2	7	0.7	4	0.4	3	0.3	0	0	0
Segment: 3	64	1	49	0.907	5	0.093	0	2	8
Segment: 4	24	1	18	0.9	2	0.1	0	1	3

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Segment: 5	61	1	45	0.849	8	0.151	0	2	6
Segment: 6	41	1	34	0.919	3	0.081	0	1	3
Segment: 7	2	0.2	2	0.2	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.6	5	0.5	1	0.1	0	0	1
Totals:	280	6.9	219	5.981	28	0.919	0	9	24

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo

1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A
1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Negative	Third-Party Comments
1	Black Hills Corporation	Wes Wingen		None	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Negative	Third-Party Comments
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A

1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A
1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Negative	Third-Party Comments
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Martin Boisvert		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Doug Bantam		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		None	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A

1	Nebraska Public Power District	Jamison Cawley		Negative	Third-Party Comments
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A
1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Julaine Dyke		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Negative	Third-Party Comments
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A

1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A
1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A

1	United Illuminating Co.	Jonathan Appelbaum		Negative	Comments Submitted
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A
2	Electric Reliability Council of Texas, Inc.	christina bigelow		Negative	Comments Submitted
2	Herb Schrayshuen	Herb Schrayshuen		Negative	Third-Party Comments
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	Kathleen Goodman	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	Comments Submitted
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Lisa Martin		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Negative	Comments

					Submitted
3	Beaches Energy Services	Steven Lancaster		None	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Negative	Third-Party Comments
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A
3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		None	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A

3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		None	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Negative	Third-Party Comments
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and Power	Mike Anctil		None	N/A
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Negative	Third-Party Comments
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Negative	Comments Submitted
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public	Ramon Barany		Affirmative	N/A

	Service Co.				
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Terry Baker		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		None	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A
3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins		None	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A

3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		None	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A
4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Negative	Third-Party Comments
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A

4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		None	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Negative	Third-Party Comments
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A

5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		None	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Negative	Comments Submitted
5	Boise-Kuna Irrigation District - Lucky Peak Power Plant Project	Mike Kukla		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	Third-Party Comments
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		None	N/A
5	City and County of San Francisco	Daniel Mason		None	N/A
5	City of Independence, Power and Light Department	Jim Nail		Abstain	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Kaleb Brimhall		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of	Brian O'Boyle		Affirmative	N/A

	New York				
5	Dairyland Power Cooperative	Tommy Drea		Negative	Third-Party Comments
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Negative	Third-Party Comments
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A

5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Negative	Third-Party Comments
5	Nebraska Public Power District	Don Schmit		Negative	Third-Party Comments
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Negative	Third-Party Comments
5	OTP - Otter Tail Power Company	Cathy Fogale		Negative	Third-Party Comments
5	Oxy - Ingleside Cogeneration LP	Michelle D'Antuono		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A

5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		None	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	Mark Castagneri		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A

6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Negative	Comments Submitted
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		None	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Negative	Third-Party Comments
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A

6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		None	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	Sing Tay	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Negative	Third-Party Comments
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		None	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A

6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Tiffany Lake		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
7	Oxy - Occidental Chemical	Venona Greaff		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Negative	Third-Party Comments
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	David Greene		None	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

BALLOT RESULTS

Survey: View Survey Results (/SurveyResults/Index/18)
Ballot Name: 2015-04 Alignment of Terms Term 13: Distribution Provider IN 1 DEF
Voting Start Date: 7/17/2015 12:01:00 AM
Voting End Date: 7/27/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: IN
Ballot Series: 1
Total # Votes: 253
Total Ballot Pool: 277
Quorum: 91.34
Weighted Segment Value: 97.06

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	63	0.984	1	0.016	0	3	3
Segment: 2	7	0.7	6	0.6	1	0.1	0	0	0
Segment: 3	64	1	52	0.963	2	0.037	0	2	8
Segment: 4	24	1	20	1	0	0	0	1	3

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Segment: 5	59	1	50	0.98	1	0.02	0	2	6
Segment: 6	41	1	36	0.973	1	0.027	0	1	3
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.6	6	0.6	0	0	0	0	1
Totals:	277	6.8	238	6.6	6	0.2	0	9	24

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo

1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A
1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		None	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Negative	Third-Party Comments

1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A
1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Martin Boisvert		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Doug Bantam		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		None	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A

1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A
1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Julaine Dyke		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas	Joseph Smith		Affirmative	N/A

	Co.				
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A
1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A

1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A
2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	Robert Coughlin	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	Comments Submitted
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Lisa Martin		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		None	N/A
3	Berkshire Hathaway Energy -	Thomas Mielnik	Darnez Gresham	Affirmative	N/A

	MidAmerican Energy Co.				
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Negative	Comments Submitted
3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		None	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Negative	Comments Submitted
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		None	N/A

3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and Power	Mike Anctil		None	N/A
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and	Donald Hargrove		Affirmative	N/A

	Electric Co.				
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Terry Baker		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		None	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A
3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins		None	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		None	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A

3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A
4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		None	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A

4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		None	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A

5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Affirmative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		None	N/A
5	City and County of San Francisco	Daniel Mason		None	N/A
5	City of Independence, Power and Light Department	Jim Nail		Abstain	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Kaleb Brimhall		Affirmative	N/A
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5	Dominion - Dominion Resources, Inc.	Randi Heise		Negative	Comments Submitted
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A

5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public	Michael Melvin		Affirmative	N/A

	Service Co.				
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		None	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A

5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	Mark Castagneri		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Negative	Third-Party Comments
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A

6	Florida Municipal Power Pool	Tom Reedy		None	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		None	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	Sing Tay	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A

6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		None	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Tiffany Lake		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A

10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	David Greene		None	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

Previous 1 Next

Showing 1 to 277 of 277 entries

BALLOT RESULTS

Survey: View Survey Results (/SurveyResults/Index/18)
Ballot Name: 2015-04 Alignment of Terms Term 14: Element IN 1 DEF
Voting Start Date: 7/17/2015 12:01:00 AM
Voting End Date: 7/27/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: IN
Ballot Series: 1
Total # Votes: 256
Total Ballot Pool: 280
Quorum: 91.43
Weighted Segment Value: 97.1

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	63	0.984	1	0.016	0	3	3
Segment: 2	7	0.7	6	0.6	1	0.1	0	0	0
Segment: 3	64	1	53	0.981	1	0.019	0	2	8
Segment: 4	25	1	20	1	0	0	0	2	3

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Segment: 5	60	1	50	0.962	2	0.038	0	2	6
Segment: 6	41	1	36	0.973	1	0.027	0	1	3
Segment: 7	2	0.2	2	0.2	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.6	6	0.6	0	0	0	0	1
Totals:	280	6.9	240	6.7	6	0.2	0	10	24

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo

1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A
1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		None	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Negative	Third-Party Comments

1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A
1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Martin Boisvert		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Doug Bantam		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		None	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A

1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A
1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Julaine Dyke		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas	Joseph Smith		Affirmative	N/A

	Co.				
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A
1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A

1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A
2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	Robert Coughlin	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	Comments Submitted
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Lisa Martin		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		None	N/A
3	Berkshire Hathaway Energy -	Thomas Mielnik	Darnez Gresham	Affirmative	N/A

	MidAmerican Energy Co.				
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A
3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		None	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Negative	Comments Submitted
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		None	N/A

3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and Power	Mike Anctil		None	N/A
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and	Donald Hargrove		Affirmative	N/A

	Electric Co.				
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Terry Baker		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		None	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A
3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins		None	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		None	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A

3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A
4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		None	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A

4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Indiana Municipal Power Agency	Jack Alvey	Scott Berry	Abstain	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		None	N/A

5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	Third-Party Comments
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		None	N/A
5	City and County of San Francisco	Daniel Mason		None	N/A
5	City of Independence, Power and Light Department	Jim Nail		Abstain	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Kaleb Brimhall		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Negative	Comments Submitted
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A

5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A

5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Oxy - Ingleside Cogeneration LP	Michelle D'Antuono		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		None	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern	William D. Shultz		Affirmative	N/A

	Company Generation				
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	Mark Castagneri		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
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6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Negative	Third-Party Comments
6	Duke Energy	Greg Cecil		Affirmative	N/A

6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		None	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		None	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	Sing Tay	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A

6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		None	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Tiffany Lake		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
7	Oxy - Occidental Chemical	Venona Greaff		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A

9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	David Greene		None	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

Previous 1 Next

Showing 1 to 280 of 280 entries

BALLOT RESULTS

Survey: View Survey Results (/SurveyResults/Index/18)
Ballot Name: 2015-04 Alignment of Terms Term 17: Generator Operator IN 1 DEF
Voting Start Date: 7/17/2015 12:01:00 AM
Voting End Date: 7/27/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: IN
Ballot Series: 1
Total # Votes: 258
Total Ballot Pool: 282
Quorum: 91.49
Weighted Segment Value: 81.06

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	56	0.875	8	0.125	0	3	3
Segment: 2	7	0.6	4	0.4	2	0.2	0	1	0
Segment: 3	64	1	46	0.852	8	0.148	0	2	8
Segment: 4	25	1	18	0.857	3	0.143	0	1	3

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Segment: 5	62	1	47	0.855	8	0.145	0	1	6
Segment: 6	41	1	33	0.892	4	0.108	0	1	3
Segment: 7	2	0.2	2	0.2	0	0	0	0	0
Segment: 8	2	0.1	0	0	1	0.1	0	1	0
Segment: 9	2	0.2	1	0.1	1	0.1	0	0	0
Segment: 10	7	0.6	4	0.4	2	0.2	0	0	1
Totals:	282	6.7	211	5.431	37	1.269	0	10	24

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo

1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A
1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		None	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Negative	Third-Party Comments
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A

1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A
1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Martin Boisvert		Negative	Third-Party Comments
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Doug Bantam		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Negative	Comments Submitted
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		None	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Negative	Third-Party

					Comments
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Negative	Third-Party Comments
1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Julaine Dyke		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Negative	Third-Party Comments
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A

1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Negative	Comments Submitted
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A
1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Negative	Comments Submitted

1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A
2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Negative	Third-Party Comments
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	John Pearson	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	Comments Submitted
2	PJM Interconnection, L.L.C.	Mark Holman		Abstain	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Lisa Martin		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A

3	Beaches Energy Services	Steven Lancaster		None	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A
3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		None	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Negative	Third-Party Comments
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Negative	Third-Party Comments
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A

3	Florida Municipal Power Agency	Joe McKinney		None	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and Power	Mike Anctil		None	N/A
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Negative	Comments Submitted
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Negative	Third-Party Comments
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Negative	Third-Party Comments
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A

3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Terry Baker		Affirmative	N/A
3	PNM Resources	Michael Mertz		Negative	Third-Party Comments
3	Portland General Electric Co.	Thomas Ward		None	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A
3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Negative	Comments Submitted
3	Puget Sound Energy, Inc.	Andrea Basinski		Negative	Third-Party Comments
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins		None	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A

3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		None	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A
4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A

4	DTE Energy - Detroit Edison Company	Daniel Herring		Negative	Third-Party Comments
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		None	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Indiana Municipal Power Agency	Jack Alvey	Scott Berry	Negative	Third-Party Comments
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-		Negative	Third-Party

		Mongeon			Comments
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		None	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		Affirmative	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Black Hills Corporation	George Tatar		None	N/A
5	Boise-Kuna Irrigation District - Lucky Peak Power Plant Project	Mike Kukla		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Affirmative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		None	N/A
5	City and County of San Francisco	Daniel Mason		None	N/A
5	City of Independence, Power and Light Department	Jim Nail		Abstain	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy	David Greyerbiehl		Affirmative	N/A

	Company				
5	Colorado Springs Utilities	Kaleb Brimhall		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Negative	Third-Party Comments
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Negative	Third-Party Comments
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Negative	Comments Submitted
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation	Rick Terrill		Affirmative	N/A

	Company LLC				
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Negative	Third-Party Comments
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Negative	Third-Party Comments
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Oxy - Ingleside Cogeneration LP	Michelle D'Antuono		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Negative	Third-Party Comments

5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Negative	Third-Party Comments
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		None	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Negative	Comments Submitted
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	Mark Castagneri		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A

6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Negative	Third-Party Comments
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		None	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Negative	Comments Submitted

6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Negative	Third-Party Comments
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		None	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	Sing Tay	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Negative	Comments Submitted
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		None	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy	John J. Ciza		Affirmative	N/A

	Marketing				
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Tiffany Lake		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
7	Oxy - Occidental Chemical	Venona Greaff		Affirmative	N/A
8	David Kiguel	David Kiguel		Abstain	N/A
8	Massachusetts Attorney General	Frederick Plett		Negative	Third-Party Comments
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Negative	Third-Party Comments
10	Florida Reliability Coordinating Council	Peter Heidrich		Negative	Third-Party Comments
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Negative	Third-Party Comments
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	David Greene		None	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A

10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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BALLOT RESULTS

Survey: View Survey Results (/SurveyResults/Index/18)
Ballot Name: 2015-04 Alignment of Terms Term 18: Generator Owner IN 1 DEF
Voting Start Date: 7/17/2015 12:01:00 AM
Voting End Date: 7/27/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: IN
Ballot Series: 1
Total # Votes: 258
Total Ballot Pool: 282
Quorum: 91.49
Weighted Segment Value: 80.73

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	56	0.875	8	0.125	0	3	3
Segment: 2	7	0.6	4	0.4	2	0.2	0	1	0
Segment: 3	64	1	46	0.852	8	0.148	0	2	8
Segment: 4	25	1	18	0.857	3	0.143	0	1	3

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Segment: 5	62	1	45	0.833	9	0.167	0	2	6
Segment: 6	41	1	33	0.892	4	0.108	0	1	3
Segment: 7	2	0.2	2	0.2	0	0	0	0	0
Segment: 8	2	0.1	0	0	1	0.1	0	1	0
Segment: 9	2	0.2	1	0.1	1	0.1	0	0	0
Segment: 10	7	0.6	4	0.4	2	0.2	0	0	1
Totals:	282	6.7	209	5.409	38	1.291	0	11	24

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo

1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A
1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		None	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Negative	Third-Party Comments
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A

1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A
1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Martin Boisvert		Negative	Third-Party Comments
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Doug Bantam		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Negative	Comments Submitted
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		None	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Negative	Third-Party

					Comments
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Negative	Third-Party Comments
1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Julaine Dyke		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Negative	Third-Party Comments
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A

1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Negative	Comments Submitted
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A
1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Negative	Comments Submitted

1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A
2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Negative	Third-Party Comments
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	John Pearson	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	Comments Submitted
2	PJM Interconnection, L.L.C.	Mark Holman		Abstain	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Lisa Martin		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A

3	Beaches Energy Services	Steven Lancaster		None	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A
3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		None	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Negative	Third-Party Comments
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Negative	Third-Party Comments
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A

3	Florida Municipal Power Agency	Joe McKinney		None	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and Power	Mike Anctil		None	N/A
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Negative	Comments Submitted
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Negative	Third-Party Comments
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Negative	Third-Party Comments
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A

3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Terry Baker		Affirmative	N/A
3	PNM Resources	Michael Mertz		Negative	Third-Party Comments
3	Portland General Electric Co.	Thomas Ward		None	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A
3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Negative	Comments Submitted
3	Puget Sound Energy, Inc.	Andrea Basinski		Negative	Third-Party Comments
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins		None	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A

3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		None	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A
4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A

4	DTE Energy - Detroit Edison Company	Daniel Herring		Negative	Third-Party Comments
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		None	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Indiana Municipal Power Agency	Jack Alvey	Scott Berry	Negative	Third-Party Comments
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-		Negative	Third-Party

		Mongeon			Comments
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		None	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		Affirmative	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Black Hills Corporation	George Tatar		None	N/A
5	Boise-Kuna Irrigation District - Lucky Peak Power Plant Project	Mike Kukla		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Affirmative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		None	N/A
5	City and County of San Francisco	Daniel Mason		None	N/A
5	City of Independence, Power and Light Department	Jim Nail		Abstain	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy	David Greyerbiehl		Affirmative	N/A

	Company				
5	Colorado Springs Utilities	Kaleb Brimhall		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Negative	Third-Party Comments
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Negative	Third-Party Comments
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Negative	Third-Party Comments
5	JEA	John Babik		Abstain	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation	Rick Terrill		Affirmative	N/A

	Company LLC				
5	Manitoba Hydro	Yuguang Xiao		Negative	Comments Submitted
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Negative	Third-Party Comments
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Negative	Third-Party Comments
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Oxy - Ingleside Cogeneration LP	Michelle D'Antuono		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Negative	Third-Party Comments

5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Negative	Third-Party Comments
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		None	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Negative	Comments Submitted
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	Mark Castagneri		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A

6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Negative	Third-Party Comments
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		None	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Negative	Comments Submitted

6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Negative	Third-Party Comments
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		None	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	Sing Tay	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Negative	Comments Submitted
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		None	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A

6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Tiffany Lake		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
7	Oxy - Occidental Chemical	Venona Greaff		Affirmative	N/A
8	David Kiguel	David Kiguel		Abstain	N/A
8	Massachusetts Attorney General	Frederick Plett		Negative	Third-Party Comments
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Negative	Third-Party Comments
10	Florida Reliability Coordinating Council	Peter Heidrich		Negative	Third-Party Comments
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Negative	Third-Party Comments
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	David Greene		None	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A

10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

Previous 1 Next

Showing 1 to 282 of 282 entries

BALLOT RESULTS

Survey: View Survey Results (/SurveyResults/Index/18)
Ballot Name: 2015-04 Alignment of Terms Term 20: Interchange Authority IN 1 DEF
Voting Start Date: 7/17/2015 12:01:00 AM
Voting End Date: 7/27/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: IN
Ballot Series: 1
Total # Votes: 253
Total Ballot Pool: 276
Quorum: 91.67
Weighted Segment Value: 96.38

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	69	1	64	1	0	0	0	3	2
Segment: 2	7	0.7	5	0.5	2	0.2	0	0	0
Segment: 3	64	1	53	0.981	1	0.019	0	2	8
Segment: 4	24	1	20	1	0	0	0	1	3

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Segment: 5	59	1	51	1	0	0	0	2	6
Segment: 6	41	1	36	0.973	1	0.027	0	1	3
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.6	6	0.6	0	0	0	0	1
Totals:	276	6.8	240	6.554	4	0.246	0	9	23

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo

1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A
1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		None	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A

1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A
1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Martin Boisvert		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Doug Bantam		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A

1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Julaine Dyke		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A

1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A

1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A
2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Negative	Third-Party Comments
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	Judianne O'Brien	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	Comments Submitted
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Lisa Martin		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		None	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A

3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Negative	Comments Submitted
3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		None	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		None	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A

3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and Power	Mike Anctil		None	N/A
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Terry Baker		Affirmative	N/A

3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		None	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A
3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins		None	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		None	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A

3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A
4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		None	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A

4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		None	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A

5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Affirmative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		None	N/A
5	City and County of San Francisco	Daniel Mason		None	N/A
5	City of Independence, Power and Light Department	Jim Nail		Abstain	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Kaleb Brimhall		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A

5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A

5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		None	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A

5	Xcel Energy, Inc.	Mark Castagneri		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Negative	Comments Submitted
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		None	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A

6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		None	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	Sing Tay	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		None	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A

6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Tiffany Lake		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	David Greene		None	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A

10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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BALLOT RESULTS

Survey: View Survey Results (/SurveyResults/Index/18)
Ballot Name: 2015-04 Alignment of Terms Term 24: Interconnected Operations Service IN 1 DEF
Voting Start Date: 7/17/2015 12:01:00 AM
Voting End Date: 7/27/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: IN
Ballot Series: 1
Total # Votes: 252
Total Ballot Pool: 276
Quorum: 91.3
Weighted Segment Value: 97.03

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	63	0.984	1	0.016	0	3	3
Segment: 2	7	0.7	6	0.6	1	0.1	0	0	0
Segment: 3	64	1	53	0.981	1	0.019	0	2	8
Segment: 4	24	1	20	1	0	0	0	1	3

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Segment: 5	58	1	48	0.96	2	0.04	0	2	6
Segment: 6	41	1	36	0.973	1	0.027	0	1	3
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.6	6	0.6	0	0	0	0	1
Totals:	276	6.8	237	6.598	6	0.202	0	9	24

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo

1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A
1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		None	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A

1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A
1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Negative	Third-Party Comments
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Martin Boisvert		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Doug Bantam		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		None	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A

1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A
1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Julaine Dyke		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A

1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A
1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A

1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A
2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	Robert Coughlin	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	Comments Submitted
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Lisa Martin		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		None	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A

3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A
3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		None	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		None	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations	Scott McGough		Abstain	N/A

	Corporation				
3	Great River Energy	Brian Glover		Negative	Third-Party Comments
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and Power	Mike Anctil		None	N/A
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A

3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Terry Baker		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		None	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A
3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins		None	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		None	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A

3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A
4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		None	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations	Guy Andrews		Abstain	N/A

	Corporation				
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		None	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A

5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	Third-Party Comments
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		None	N/A
5	City and County of San Francisco	Daniel Mason		None	N/A
5	City of Independence, Power and Light Department	Jim Nail		Abstain	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Kaleb Brimhall		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A

5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Negative	Third-Party Comments
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A

5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		None	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A

5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	Mark Castagneri		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		None	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Negative	Third-Party Comments

6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		None	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	Sing Tay	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		None	N/A

6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Tiffany Lake		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	David Greene		None	N/A

10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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BALLOT RESULTS

Survey: View Survey Results (/SurveyResults/Index/18)
Ballot Name: 2015-04 Alignment of Terms Term 25: Interconnection IN 1 DEF
Voting Start Date: 7/17/2015 12:01:00 AM
Voting End Date: 7/27/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: IN
Ballot Series: 1
Total # Votes: 255
Total Ballot Pool: 278
Quorum: 91.73
Weighted Segment Value: 69.8

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	49	0.79	13	0.21	0	5	3
Segment: 2	7	0.7	2	0.2	5	0.5	0	0	0
Segment: 3	64	1	39	0.736	14	0.264	0	3	8
Segment: 4	24	1	13	0.684	6	0.316	0	2	3

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Segment: 5	59	1	34	0.667	17	0.333	0	3	5
Segment: 6	41	1	23	0.639	13	0.361	0	2	3
Segment: 7	2	0.2	2	0.2	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.6	5	0.5	1	0.1	0	0	1
Totals:	278	6.9	171	4.816	69	2.084	0	15	23

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo

1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A
1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Negative	Third-Party Comments
1	Black Hills Corporation	Wes Wingen		None	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Negative	Third-Party Comments
1	Colorado Springs Utilities	Shawna Speer		Negative	Third-Party Comments
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Negative	Third-Party Comments

1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Negative	Third-Party Comments
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A
1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Martin Boisvert		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Doug Bantam		Abstain	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Negative	Third-Party Comments
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		None	N/A

1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Negative	Third-Party Comments
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A
1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Julaine Dyke		Negative	Third-Party Comments
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Negative	Third-Party Comments
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Negative	Third-Party Comments
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Abstain	N/A

1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A
1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Negative	Third-Party Comments
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A

1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Negative	Third-Party Comments
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Negative	Third-Party Comments
2	Electric Reliability Council of Texas, Inc.	christina bigelow		Negative	Third-Party Comments
2	Herb Schrayshuen	Herb Schrayshuen		Negative	Third-Party Comments
2	Independent Electricity System Operator	Leonard Kula		Negative	Third-Party Comments
2	ISO New England, Inc.	Michael Puscas	Kathleen Goodman	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	Third-Party Comments
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Negative	Third-Party Comments
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A

3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Lisa Martin		Negative	Third-Party Comments
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Negative	Third-Party Comments
3	Beaches Energy Services	Steven Lancaster		None	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Negative	Third-Party Comments
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A
3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		None	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Negative	Third-Party Comments
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Negative	Third-Party Comments
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A

3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Negative	Third-Party Comments
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		None	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and Power	Mike Anctil		None	N/A
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Negative	Third-Party Comments
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Negative	Third-Party

					Comments
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Negative	Third-Party Comments
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Negative	Third-Party Comments
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Negative	Third-Party Comments
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Terry Baker		Affirmative	N/A
3	PNM Resources	Michael Mertz		Abstain	N/A
3	Portland General Electric Co.	Thomas Ward		None	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A
3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A

3	Salt River Project	John Coggins		None	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		None	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Negative	Third-Party Comments
3	Westar Energy	Bo Jones		Negative	Third-Party Comments
3	Xcel Energy, Inc.	Michael Ibold		Negative	Third-Party Comments
4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Negative	Third-Party Comments
4	Austin Energy	Tina Garvey		Negative	Third-Party

					Comments
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Negative	Third-Party Comments
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		None	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Abstain	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Negative	Third-Party Comments
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of	John Martinsen		Affirmative	N/A

	Snohomish County				
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Negative	Third-Party Comments
4	WEC Energy Group, Inc.	Anthony Jankowski		Negative	Third-Party Comments
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		None	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		Affirmative	N/A
5	Austin Energy	Jeanie Doty		Negative	Third-Party Comments
5	Basin Electric Power Cooperative	Mike Kraft		Negative	Third-Party Comments
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	Third-Party Comments
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		None	N/A

5	City and County of San Francisco	Daniel Mason		None	N/A
5	City of Independence, Power and Light Department	Jim Nail		Abstain	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Negative	Third-Party Comments
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Kaleb Brimhall		Negative	Third-Party Comments
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Negative	Third-Party Comments
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Negative	Third-Party Comments
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A

5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Abstain	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Negative	Third-Party Comments
5	Nebraska Public Power District	Don Schmit		Negative	Third-Party Comments
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Negative	Third-Party Comments
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Negative	Third-Party Comments
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Negative	Third-Party

					Comments
5	OTP - Otter Tail Power Company	Cathy Fogale		Negative	Third-Party Comments
5	Oxy - Ingleside Cogeneration LP	Michelle D'Antuono		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		None	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Negative	Third-Party Comments
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Negative	Third-Party

					Comments
5	Westar Energy	stephanie johnson		Negative	Third-Party Comments
5	Xcel Energy, Inc.	Mark Castagneri		Negative	Third-Party Comments
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Negative	Third-Party Comments
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Negative	Third-Party Comments
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Negative	Third-Party Comments
6	Colorado Springs Utilities	Shannon Fair		Negative	Third-Party Comments
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Negative	Third-Party Comments
6	Exelon	Dave Carlson		Affirmative	N/A

6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		None	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Negative	Third-Party Comments
6	Lincoln Electric System	Eric Ruskamp		Abstain	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Negative	Third-Party Comments
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		None	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Negative	Third-Party Comments
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	Sing Tay	Negative	Third-Party Comments
6	Omaha Public Power District	Mark Trumble		Negative	Third-Party Comments
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A

6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		None	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Negative	Third-Party Comments
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Tiffany Lake		Negative	Third-Party Comments
6	Xcel Energy, Inc.	Peter Colussy		Negative	Third-Party Comments
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
7	Oxy - Occidental Chemical	Venona Greaff		Affirmative	N/A

8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Negative	Third-Party Comments
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	David Greene		None	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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Showing 1 to 278 of 278 entries

BALLOT RESULTS

Survey: View Survey Results (/SurveyResults/Index/18)
Ballot Name: 2015-04 Alignment of Terms Term 28: Load-Serving Entity IN 1 DEF
Voting Start Date: 7/17/2015 12:01:00 AM
Voting End Date: 7/27/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: IN
Ballot Series: 1
Total # Votes: 256
Total Ballot Pool: 280
Quorum: 91.43
Weighted Segment Value: 95.38

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	63	1	0	0	0	4	3
Segment: 2	7	0.7	4	0.4	3	0.3	0	0	0
Segment: 3	64	1	54	1	0	0	0	2	8
Segment: 4	25	1	20	1	0	0	0	2	3

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Segment: 5	60	1	51	0.981	1	0.019	0	2	6
Segment: 6	41	1	37	1	0	0	0	1	3
Segment: 7	2	0.2	2	0.2	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.6	6	0.6	0	0	0	0	1
Totals:	280	6.9	241	6.581	4	0.319	0	11	24

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo

1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A
1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Abstain	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		None	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A

1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A
1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Martin Boisvert		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Doug Bantam		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		None	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A

1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A
1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Julaine Dyke		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A

1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A
1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A

1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A
2	Electric Reliability Council of Texas, Inc.	christina bigelow		Negative	Third-Party Comments
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	Robert Coughlin	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	Third-Party Comments
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Negative	Third-Party Comments
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Lisa Martin		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		None	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A

3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A
3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		None	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		None	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations	Scott McGough		Abstain	N/A

	Corporation				
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and Power	Mike Anctil		None	N/A
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A

3	Platte River Power Authority	Terry Baker		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		None	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A
3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins		None	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		None	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A

3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A
4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		None	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A

4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Indiana Municipal Power Agency	Jack Alvey	Scott Berry	Abstain	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		None	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A

5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	Third-Party Comments
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		None	N/A
5	City and County of San Francisco	Daniel Mason		None	N/A
5	City of Independence, Power and Light Department	Jim Nail		Abstain	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Kaleb Brimhall		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A

5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A

5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Oxy - Ingleside Cogeneration LP	Michelle D'Antuono		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		None	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A

5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	Mark Castagneri		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A

6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		None	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		None	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	Sing Tay	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A

6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		None	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Tiffany Lake		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
7	Oxy - Occidental Chemical	Venona Greaff		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A

10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	David Greene		None	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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BALLOT RESULTS

Survey: View Survey Results (/SurveyResults/Index/18)
Ballot Name: 2015-04 Alignment of Terms Term 31: Planning Authority IN 1 DEF
Voting Start Date: 7/17/2015 12:01:00 AM
Voting End Date: 7/27/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: IN
Ballot Series: 1
Total # Votes: 253
Total Ballot Pool: 277
Quorum: 91.34
Weighted Segment Value: 93.62

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	61	0.953	3	0.047	0	3	3
Segment: 2	7	0.7	5	0.5	2	0.2	0	0	0
Segment: 3	64	1	50	0.926	4	0.074	0	2	8
Segment: 4	24	1	20	1	0	0	0	1	3

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Segment: 5	59	1	48	0.941	3	0.059	0	2	6
Segment: 6	41	1	35	0.946	2	0.054	0	1	3
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.6	6	0.6	0	0	0	0	1
Totals:	277	6.8	230	6.366	14	0.434	0	9	24

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo

1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A
1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		None	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A

1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A
1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Martin Boisvert		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Doug Bantam		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Negative	Third-Party Comments
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		None	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A

1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A
1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Julaine Dyke		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Negative	Third-Party Comments
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Negative	Third-Party Comments
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A

1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A
1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A

1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A
2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Negative	Third-Party Comments
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	John Pearson	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	Third-Party Comments
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Lisa Martin		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		None	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A

3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Negative	Third-Party Comments
3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		None	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		None	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A

3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and Power	Mike Anctil		None	N/A
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Negative	Third-Party Comments
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Negative	Third-Party Comments
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A

3	Platte River Power Authority	Terry Baker		Affirmative	N/A
3	PNM Resources	Michael Mertz		Negative	Third-Party Comments
3	Portland General Electric Co.	Thomas Ward		None	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A
3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins		None	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		None	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A

3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A
4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		None	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A

4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		None	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A

5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	Third-Party Comments
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		None	N/A
5	City and County of San Francisco	Daniel Mason		None	N/A
5	City of Independence, Power and Light Department	Jim Nail		Abstain	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Kaleb Brimhall		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A

5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Negative	Third-Party Comments
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A

5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Negative	Third-Party Comments
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		None	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A

5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	Mark Castagneri		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		None	N/A

6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Negative	Third-Party Comments
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		None	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Negative	Third-Party Comments
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A

6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		None	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Tiffany Lake		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A

10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	David Greene		None	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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BALLOT RESULTS

Survey: View Survey Results (/SurveyResults/Index/18)
Ballot Name: 2015-04 Alignment of Terms Term 33: Point of Receipt IN 1 DEF
Voting Start Date: 7/17/2015 12:01:00 AM
Voting End Date: 7/27/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: IN
Ballot Series: 1
Total # Votes: 255
Total Ballot Pool: 279
Quorum: 91.4
Weighted Segment Value: 96.83

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	64	1	0	0	0	3	3
Segment: 2	7	0.7	5	0.5	2	0.2	0	0	0
Segment: 3	64	1	54	1	0	0	0	2	8
Segment: 4	24	1	20	1	0	0	0	1	3

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Segment: 5	60	1	51	0.981	1	0.019	0	2	6
Segment: 6	41	1	37	1	0	0	0	1	3
Segment: 7	2	0.2	2	0.2	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.6	6	0.6	0	0	0	0	1
Totals:	279	6.9	243	6.681	3	0.219	0	9	24

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo

1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A
1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		None	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A

1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A
1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Martin Boisvert		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Doug Bantam		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		None	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A

1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A
1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Julaine Dyke		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A

1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A
1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A

1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A
2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Negative	Third-Party Comments
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	Judianne O'Brien	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	Third-Party Comments
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Lisa Martin		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		None	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A

3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A
3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		None	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		None	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations	Scott McGough		Abstain	N/A

	Corporation				
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and Power	Mike Anctil		None	N/A
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A

3	Platte River Power Authority	Terry Baker		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		None	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A
3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins		None	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		None	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A

3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A
4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		None	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A

4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		None	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A

5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	Third-Party Comments
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		None	N/A
5	City and County of San Francisco	Daniel Mason		None	N/A
5	City of Independence, Power and Light Department	Jim Nail		Abstain	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Kaleb Brimhall		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A

5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and	Leo Staples		Affirmative	N/A

	Electric Co.				
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Oxy - Ingleside Cogeneration LP	Michelle D'Antuono		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		None	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A

5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	Mark Castagneri		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A

6	Florida Municipal Power Pool	Tom Reedy		None	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		None	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A

6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		None	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Tiffany Lake		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
7	Oxy - Occidental Chemical	Venona Greaff		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A

10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	David Greene		None	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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BALLOT RESULTS

Survey: View Survey Results (/SurveyResults/Index/18)
Ballot Name: 2015-04 Alignment of Terms Term 36: Reactive Power IN 1 DEF
Voting Start Date: 7/17/2015 12:01:00 AM
Voting End Date: 7/27/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: IN
Ballot Series: 1
Total # Votes: 255
Total Ballot Pool: 279
Quorum: 91.4
Weighted Segment Value: 97

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	64	1	0	0	0	3	3
Segment: 2	7	0.7	6	0.6	1	0.1	0	0	0
Segment: 3	64	1	53	0.981	1	0.019	0	2	8
Segment: 4	24	1	19	0.95	1	0.05	0	1	3

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Segment: 5	60	1	50	0.962	2	0.038	0	2	6
Segment: 6	41	1	37	1	0	0	0	1	3
Segment: 7	2	0.2	2	0.2	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.6	6	0.6	0	0	0	0	1
Totals:	279	6.9	241	6.693	5	0.207	0	9	24

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo

1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A
1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		None	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A

1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A
1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Martin Boisvert		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Doug Bantam		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		None	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A

1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A
1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Julaine Dyke		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A

1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A
1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A

1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A
2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	John Pearson	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	Third-Party Comments
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Lisa Martin		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		None	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A

3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A
3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		None	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		None	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A

3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and Power	Mike Anctil		None	N/A
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A

3	Platte River Power Authority	Terry Baker		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		None	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A
3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins		None	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		None	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott		Affirmative	N/A

		Gill			
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Negative	Third-Party Comments
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A
4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		None	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A

4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Negative	Third-Party Comments
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		None	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A

5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	Third-Party Comments
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		None	N/A
5	City and County of San Francisco	Daniel Mason		None	N/A
5	City of Independence, Power and Light Department	Jim Nail		Abstain	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Kaleb Brimhall		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A

5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A

5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Oxy - Ingleside Cogeneration LP	Michelle D'Antuono		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		None	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A

5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Negative	Third-Party Comments
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	Mark Castagneri		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A

6	Florida Municipal Power Pool	Tom Reedy		None	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		None	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A

6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		None	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Tiffany Lake		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
7	Oxy - Occidental Chemical	Venona Greaff		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A

10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	David Greene		None	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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BALLOT RESULTS

Survey: View Survey Results (/SurveyResults/Index/18)
Ballot Name: 2015-04 Alignment of Terms Term 37: Real Power IN 1 DEF
Voting Start Date: 7/17/2015 12:01:00 AM
Voting End Date: 7/27/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: IN
Ballot Series: 1
Total # Votes: 255
Total Ballot Pool: 279
Quorum: 91.4
Weighted Segment Value: 98.55

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	64	1	0	0	0	3	3
Segment: 2	7	0.7	6	0.6	1	0.1	0	0	0
Segment: 3	64	1	54	1	0	0	0	2	8
Segment: 4	24	1	20	1	0	0	0	1	3

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Segment: 5	60	1	52	1	0	0	0	2	6
Segment: 6	41	1	37	1	0	0	0	1	3
Segment: 7	2	0.2	2	0.2	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.6	6	0.6	0	0	0	0	1
Totals:	279	6.9	245	6.8	1	0.1	0	9	24

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo

1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A
1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		None	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A

1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A
1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Martin Boisvert		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Doug Bantam		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		None	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A

1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A
1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Julaine Dyke		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A

1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A
1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A

1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A
2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	John Pearson	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	Comments Submitted
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Lisa Martin		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		None	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A

3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A
3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		None	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		None	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A

3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and Power	Mike Anctil		None	N/A
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Terry Baker		Affirmative	N/A

3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		None	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A
3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins		None	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		None	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A

3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A
4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		None	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A

4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		None	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A

5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Affirmative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		None	N/A
5	City and County of San Francisco	Daniel Mason		None	N/A
5	City of Independence, Power and Light Department	Jim Nail		Abstain	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Kaleb Brimhall		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A

5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A

5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Oxy - Ingleside Cogeneration LP	Michelle D'Antuono		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		None	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A

5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	Mark Castagneri		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
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6	Austin Energy	Andrew Gallo		Affirmative	N/A
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6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
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6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		None	N/A

6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		None	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A

6	Seattle City Light	Charles Freeman		None	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Tiffany Lake		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
7	Oxy - Occidental Chemical	Venona Greaff		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A

10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	David Greene		None	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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BALLOT RESULTS

Survey: View Survey Results (/SurveyResults/Index/18)
Ballot Name: 2015-04 Alignment of Terms Term 38: Realiability Coordinator IN 1 DEF
Voting Start Date: 7/17/2015 12:01:00 AM
Voting End Date: 7/27/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: IN
Ballot Series: 1
Total # Votes: 253
Total Ballot Pool: 276
Quorum: 91.67
Weighted Segment Value: 87.37

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	58	0.906	6	0.094	0	3	3
Segment: 2	7	0.7	4	0.4	3	0.3	0	0	0
Segment: 3	64	1	49	0.907	5	0.093	0	2	8
Segment: 4	24	1	18	0.9	2	0.1	0	1	3

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Segment: 5	58	1	44	0.863	7	0.137	0	2	5
Segment: 6	41	1	32	0.865	5	0.135	0	1	3
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.6	6	0.6	0	0	0	0	1
Totals:	276	6.8	216	5.941	28	0.859	0	9	23

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo

1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A
1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		None	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Negative	Third-Party Comments
1	Colorado Springs Utilities	Shawna Speer		Negative	Third-Party Comments
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A

1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A
1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Martin Boisvert		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Doug Bantam		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		None	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A

1	Nebraska Public Power District	Jamison Cawley		Negative	Third-Party Comments
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A
1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Julaine Dyke		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Negative	Third-Party Comments
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Negative	Third-Party Comments
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A

1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A
1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan		Affirmative	N/A

		Appelbaum			
1	Westar Energy	Kevin Giles		Negative	Third-Party Comments
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A
2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Negative	Third-Party Comments
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	Kathleen Goodman	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	Comments Submitted
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Negative	Third-Party Comments
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Lisa Martin		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A

3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		None	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A
3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		None	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Negative	Third-Party Comments
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Negative	Third-Party Comments
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A

3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		None	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and Power	Mike Anctil		None	N/A
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Negative	Third-Party Comments
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A

3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Negative	Third-Party Comments
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Terry Baker		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		None	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A
3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins		None	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A

3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		None	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Negative	Third-Party Comments
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A
4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Negative	Third-Party Comments
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A

4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		None	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Negative	Comments Submitted
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A

5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		None	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	Third-Party Comments
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		None	N/A
5	City of Independence, Power and Light Department	Jim Nail		Abstain	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Negative	Third-Party Comments
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Kaleb Brimhall		Negative	Third-Party Comments
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A

5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A

5	Nebraska Public Power District	Don Schmit		Negative	Third-Party Comments
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Negative	Third-Party Comments
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Negative	Third-Party Comments
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		None	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A

5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Negative	Third-Party Comments
5	Xcel Energy, Inc.	Mark Castagneri		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Negative	Third-Party Comments
6	Colorado Springs Utilities	Shannon Fair		Negative	Third-Party Comments
6	Con Ed - Consolidated Edison Co. of	Robert Winston		Affirmative	N/A

	New York				
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		None	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		None	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Negative	Third-Party Comments

6	Omaha Public Power District	Mark Trumble		Negative	Third-Party Comments
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		None	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Tiffany Lake		Negative	Third-Party Comments
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A

7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	David Greene		None	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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BALLOT RESULTS

Survey: View Survey Results (/SurveyResults/Index/18)
Ballot Name: 2015-04 Alignment of Terms Tern 40: Reliability Standard IN 1 DEF
Voting Start Date: 7/17/2015 12:01:00 AM
Voting End Date: 7/27/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: IN
Ballot Series: 1
Total # Votes: 256
Total Ballot Pool: 279
Quorum: 91.76
Weighted Segment Value: 89.99

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	61	0.953	3	0.047	0	3	3
Segment: 2	7	0.7	3	0.3	4	0.4	0	0	0
Segment: 3	64	1	51	0.944	3	0.056	0	2	8
Segment: 4	24	1	19	0.95	1	0.05	0	1	3

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Segment: 5	60	1	50	0.943	3	0.057	0	2	5
Segment: 6	41	1	34	0.919	3	0.081	0	1	3
Segment: 7	2	0.2	2	0.2	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.6	6	0.6	0	0	0	0	1
Totals:	279	6.9	230	6.209	17	0.691	0	9	23

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo

1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A
1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		None	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Negative	Third-Party Comments

1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A
1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Martin Boisvert		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Doug Bantam		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Negative	Third-Party Comments
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		None	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A

1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A
1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Julaine Dyke		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A

1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A
1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Negative	Third-Party Comments
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A

1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A
2	Electric Reliability Council of Texas, Inc.	christina bigelow		Negative	Third-Party Comments
2	Herb Schrayshuen	Herb Schrayshuen		Negative	Third-Party Comments
2	Independent Electricity System Operator	Leonard Kula		Negative	Third-Party Comments
2	ISO New England, Inc.	Michael Puscas	Kathleen Goodman	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	Third-Party Comments
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Lisa Martin		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A

3	Beaches Energy Services	Steven Lancaster		None	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A
3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		None	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Negative	Third-Party Comments
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A

3	Florida Municipal Power Agency	Joe McKinney		None	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and Power	Mike Anctil		None	N/A
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Negative	Third-Party Comments
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A

3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Terry Baker		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		None	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A
3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins		None	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Negative	Third-Party Comments
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power	R. Scott Moore		Affirmative	N/A

	Company				
3	Southern Indiana Gas and Electric Co.	Jim Cox		None	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A
4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A

4	Flathead Electric Cooperative	Russ Schneider		None	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Negative	Third-Party Comments
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A

5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		None	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		Affirmative	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Black Hills Corporation	George Tatar		None	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	Third-Party Comments
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		None	N/A
5	City of Independence, Power and Light Department	Jim Nail		Abstain	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Kaleb Brimhall		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Negative	Third-Party Comments

5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Negative	Third-Party Comments
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A

5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Oxy - Ingleside Cogeneration LP	Michelle D'Antuono		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		None	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A

5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	Mark Castagneri		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A

6	Dominion - Dominion Resources, Inc.	Louis Slade		Negative	Third-Party Comments
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		None	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Negative	Third-Party Comments
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		None	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Affirmative	N/A

6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		None	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Negative	Third-Party Comments
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Tiffany Lake		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A

7	Oxy - Occidental Chemical	Venona Greaff		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	David Greene		None	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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Showing 1 to 279 of 279 entries

BALLOT RESULTS

Survey: View Survey Results (/SurveyResults/Index/18)
Ballot Name: 2015-04 Alignment of Terms Term 41: Reliable Operation IN 1 DEF
Voting Start Date: 7/17/2015 12:01:00 AM
Voting End Date: 7/27/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: IN
Ballot Series: 1
Total # Votes: 255
Total Ballot Pool: 280
Quorum: 91.07
Weighted Segment Value: 84.38

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	60	0.938	4	0.062	0	3	3
Segment: 2	7	0.7	2	0.2	5	0.5	0	0	0
Segment: 3	64	1	49	0.907	5	0.093	0	2	8
Segment: 4	24	1	18	0.9	2	0.1	0	1	3

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Segment: 5	61	1	46	0.885	6	0.115	0	2	7
Segment: 6	41	1	33	0.892	4	0.108	0	1	3
Segment: 7	2	0.2	1	0.1	1	0.1	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.6	6	0.6	0	0	0	0	1
Totals:	280	6.9	219	5.822	27	1.078	0	9	25

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo

1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A
1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		None	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Negative	Third-Party Comments

1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A
1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Martin Boisvert		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Doug Bantam		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Negative	Third-Party Comments
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		None	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A

1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A
1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Julaine Dyke		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Negative	Third-Party Comments
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A

1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A
1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Negative	Third-Party Comments
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A

1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A
2	Electric Reliability Council of Texas, Inc.	christina bigelow		Negative	Comments Submitted
2	Herb Schrayshuen	Herb Schrayshuen		Negative	Third-Party Comments
2	Independent Electricity System Operator	Leonard Kula		Negative	Third-Party Comments
2	ISO New England, Inc.	Michael Puscas	Kathleen Goodman	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	Third-Party Comments
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Negative	Third-Party Comments
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Lisa Martin		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A

3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		None	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A
3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		None	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Negative	Third-Party Comments
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A

3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		None	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and Power	Mike Anctil		None	N/A
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Negative	Third-Party Comments
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A

3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Negative	Third-Party Comments
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Terry Baker		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		None	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A
3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins		None	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Negative	Third-Party Comments
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A

3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		None	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Negative	Third-Party Comments
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A
4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A

4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		None	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Negative	Third-Party Comments
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony		Negative	Third-Party

		Jankowski			Comments
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		None	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Black Hills Corporation	George Tatar		None	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	Third-Party Comments
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		None	N/A
5	City and County of San Francisco	Daniel Mason		None	N/A
5	City of Independence, Power and Light Department	Jim Nail		Abstain	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Kaleb Brimhall		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of	Brian O'Boyle		Affirmative	N/A

	New York				
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Negative	Third-Party Comments
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Negative	Third-Party Comments
5	Massachusetts Municipal Wholesale	David Gordon		Abstain	N/A

	Electric Company				
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Negative	Third-Party Comments
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Oxy - Ingleside Cogeneration LP	Michelle D'Antuono		Negative	Third-Party Comments
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A

5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		None	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Negative	Third-Party Comments
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	Mark Castagneri		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A

6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Negative	Third-Party Comments
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		None	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Negative	Third-Party Comments
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and	Silvia Mitchell		None	N/A

	Light Co.				
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Negative	Third-Party Comments
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		None	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Negative	Third-Party Comments
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A

6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Tiffany Lake		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
7	Oxy - Occidental Chemical	Venona Greaff		Negative	Third-Party Comments
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	David Greene		None	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

BALLOT RESULTS

Survey: View Survey Results (/SurveyResults/Index/18)
Ballot Name: 2015-04 Alignment of Terms Term 42: Reserve Sharing Group IN 1 DEF
Voting Start Date: 7/17/2015 12:01:00 AM
Voting End Date: 7/27/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: IN
Ballot Series: 1
Total # Votes: 253
Total Ballot Pool: 276
Quorum: 91.67
Weighted Segment Value: 88.06

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	58	0.906	6	0.094	0	3	3
Segment: 2	7	0.7	4	0.4	3	0.3	0	0	0
Segment: 3	64	1	49	0.907	5	0.093	0	2	8
Segment: 4	24	1	18	0.947	1	0.053	0	2	3

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Segment: 5	58	1	44	0.863	7	0.137	0	2	5
Segment: 6	41	1	32	0.865	5	0.135	0	1	3
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.6	6	0.6	0	0	0	0	1
Totals:	276	6.8	216	5.988	27	0.812	0	10	23

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo

1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A
1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		None	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Negative	Third-Party Comments
1	Colorado Springs Utilities	Shawna Speer		Negative	Third-Party Comments
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A

1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A
1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Martin Boisvert		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Doug Bantam		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		None	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A

1	Nebraska Public Power District	Jamison Cawley		Negative	Third-Party Comments
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A
1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Julaine Dyke		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Negative	Third-Party Comments
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Negative	Third-Party Comments
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A

1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A
1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan		Affirmative	N/A

		Appelbaum			
1	Westar Energy	Kevin Giles		Negative	Third-Party Comments
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A
2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Negative	Third-Party Comments
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	Kathleen Goodman	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	Comments Submitted
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Negative	Third-Party Comments
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Lisa Martin		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A

3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		None	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A
3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		None	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Negative	Third-Party Comments
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Negative	Third-Party Comments
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A

3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		None	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and Power	Mike Anctil		None	N/A
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Negative	Third-Party Comments
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A

3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Negative	Third-Party Comments
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Terry Baker		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		None	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A
3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins		None	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A

3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		None	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Negative	Third-Party Comments
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A
4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Negative	Third-Party Comments
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A

4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		None	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Abstain	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A

5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		None	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	Third-Party Comments
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		None	N/A
5	City of Independence, Power and Light Department	Jim Nail		Abstain	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Negative	Third-Party Comments
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Kaleb Brimhall		Negative	Third-Party Comments
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A

5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A

5	Nebraska Public Power District	Don Schmit		Negative	Third-Party Comments
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Negative	Third-Party Comments
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Negative	Third-Party Comments
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		None	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A

5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Negative	Third-Party Comments
5	Xcel Energy, Inc.	Mark Castagneri		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Negative	Third-Party Comments
6	Colorado Springs Utilities	Shannon Fair		Negative	Third-Party Comments
6	Con Ed - Consolidated Edison Co. of	Robert Winston		Affirmative	N/A

	New York				
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		None	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		None	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Negative	Third-Party Comments

6	Omaha Public Power District	Mark Trumble		Negative	Third-Party Comments
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		None	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Tiffany Lake		Negative	Third-Party Comments
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A

7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	David Greene		None	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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BALLOT RESULTS

Survey: View Survey Results (/SurveyResults/Index/18)
Ballot Name: 2015-04 Alignment of Terms Term 43: Resource Planner IN 1 DEF
Voting Start Date: 7/17/2015 12:01:00 AM
Voting End Date: 7/27/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: IN
Ballot Series: 1
Total # Votes: 253
Total Ballot Pool: 277
Quorum: 91.34
Weighted Segment Value: 90.37

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	59	0.922	5	0.078	0	3	3
Segment: 2	7	0.7	5	0.5	2	0.2	0	0	0
Segment: 3	64	1	50	0.926	4	0.074	0	2	8
Segment: 4	24	1	19	0.95	1	0.05	0	1	3

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Segment: 5	59	1	45	0.882	6	0.118	0	2	6
Segment: 6	41	1	32	0.865	5	0.135	0	1	3
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.6	6	0.6	0	0	0	0	1
Totals:	277	6.8	221	6.145	23	0.655	0	9	24

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo

1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A
1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		None	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Negative	Third-Party Comments
1	Colorado Springs Utilities	Shawna Speer		Negative	Third-Party Comments
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A

1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A
1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Martin Boisvert		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Doug Bantam		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		None	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A

1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A
1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Julaine Dyke		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Negative	Third-Party Comments
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Negative	Third-Party Comments
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A

1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A
1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan		Affirmative	N/A

		Appelbaum			
1	Westar Energy	Kevin Giles		Negative	Third-Party Comments
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A
2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	John Pearson	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	Third-Party Comments
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Negative	Third-Party Comments
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Lisa Martin		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A

3	Beaches Energy Services	Steven Lancaster		None	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A
3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		None	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Negative	Third-Party Comments
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Negative	Third-Party Comments
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A

3	Florida Municipal Power Agency	Joe McKinney		None	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and Power	Mike Anctil		None	N/A
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A

3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Negative	Third-Party Comments
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Terry Baker		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		None	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A
3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins		None	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A

3	Southern Indiana Gas and Electric Co.	Jim Cox		None	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Negative	Third-Party Comments
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A
4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Negative	Third-Party Comments
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A

4	Flathead Electric Cooperative	Russ Schneider		None	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A

5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		None	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	Third-Party Comments
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		None	N/A
5	City and County of San Francisco	Daniel Mason		None	N/A
5	City of Independence, Power and Light Department	Jim Nail		Abstain	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Negative	Third-Party Comments
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Kaleb Brimhall		Negative	Third-Party Comments
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A

5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A

5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Negative	Third-Party Comments
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Negative	Third-Party Comments
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		None	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A

5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Negative	Third-Party Comments
5	Xcel Energy, Inc.	Mark Castagneri		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Negative	Third-Party Comments
6	Colorado Springs Utilities	Shannon Fair		Negative	Third-Party Comments
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A

6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		None	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		None	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Negative	Third-Party Comments
6	Omaha Public Power District	Mark Trumble		Negative	Third-Party

					Comments
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		None	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Tiffany Lake		Negative	Third-Party Comments
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A

8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	David Greene		None	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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Showing 1 to 277 of 277 entries

BALLOT RESULTS

Survey: View Survey Results (/SurveyResults/Index/18)
Ballot Name: 2015-04 Alignment of Terms Term 48: System Operating Limit IN 1 DEF
Voting Start Date: 7/17/2015 12:01:00 AM
Voting End Date: 7/27/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: IN
Ballot Series: 1
Total # Votes: 255
Total Ballot Pool: 278
Quorum: 91.73
Weighted Segment Value: 97.75

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	71	1	64	0.985	1	0.015	0	3	3
Segment: 2	7	0.7	6	0.6	1	0.1	0	0	0
Segment: 3	64	1	54	1	0	0	0	2	8
Segment: 4	24	1	20	1	0	0	0	1	3

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Segment: 5	59	1	50	0.962	2	0.038	0	2	5
Segment: 6	41	1	37	1	0	0	0	1	3
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.6	6	0.6	0	0	0	0	1
Totals:	278	6.8	242	6.647	4	0.153	0	9	23

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo

1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A
1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		None	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A

1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A
1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Georgia Transmission Corporation	Jason Snodgrass		Negative	Third-Party Comments
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Martin Boisvert		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Doug Bantam		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		None	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A

1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A
1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Julaine Dyke		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A

1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A
1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan		Affirmative	N/A

		Appelbaum			
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A
2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	Kathleen Goodman	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	Third-Party Comments
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Lisa Martin		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		None	N/A

3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A
3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		None	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		None	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A

3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and Power	Mike Anctil		None	N/A
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A

3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Terry Baker		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		None	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A
3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins		None	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		None	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A

3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A
4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		None	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A

4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		None	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		Affirmative	N/A

5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	Third-Party Comments
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		None	N/A
5	City and County of San Francisco	Daniel Mason		None	N/A
5	City of Independence, Power and Light Department	Jim Nail		Abstain	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Kaleb Brimhall		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A

5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A

5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Negative	Third-Party Comments
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		None	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A

5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	Mark Castagneri		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A

6	Florida Municipal Power Pool	Tom Reedy		None	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		None	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A

6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		None	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Tiffany Lake		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A

10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	David Greene		None	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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BALLOT RESULTS

Survey: View Survey Results (/SurveyResults/Index/18)
Ballot Name: 2015-04 Alignment of Terms Term 49: Transmission Customer IN 1 DEF
Voting Start Date: 7/17/2015 12:01:00 AM
Voting End Date: 7/27/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: IN
Ballot Series: 1
Total # Votes: 253
Total Ballot Pool: 277
Quorum: 91.34
Weighted Segment Value: 91.28

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	59	0.937	4	0.063	0	4	3
Segment: 2	7	0.7	5	0.5	2	0.2	0	0	0
Segment: 3	64	1	50	0.926	4	0.074	0	2	8
Segment: 4	24	1	19	0.95	1	0.05	0	1	3

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Segment: 5	59	1	46	0.902	5	0.098	0	2	6
Segment: 6	41	1	33	0.892	4	0.108	0	1	3
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.6	6	0.6	0	0	0	0	1
Totals:	277	6.8	223	6.207	20	0.593	0	10	24

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo

1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A
1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Abstain	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		None	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Negative	Third-Party Comments
1	Colorado Springs Utilities	Shawna Speer		Negative	Third-Party Comments
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A

1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A
1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Martin Boisvert		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Doug Bantam		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		None	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A

1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A
1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Julaine Dyke		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Negative	Third-Party Comments
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas	Joseph Smith		Affirmative	N/A

	Co.				
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A
1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A

1	Westar Energy	Kevin Giles		Negative	Third-Party Comments
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A
2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	Robert Coughlin	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	Third-Party Comments
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Negative	Third-Party Comments
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Lisa Martin		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		None	N/A

3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A
3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		None	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Negative	Third-Party Comments
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Negative	Third-Party Comments
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		None	N/A

3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and Power	Mike Anctil		None	N/A
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A

3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Negative	Third-Party Comments
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Terry Baker		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		None	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A
3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins		None	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		None	N/A

3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Negative	Third-Party Comments
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A
4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Negative	Third-Party Comments
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		None	N/A

4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A

5	APS - Arizona Public Service Co.	Stephanie Little		None	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	Third-Party Comments
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		None	N/A
5	City and County of San Francisco	Daniel Mason		None	N/A
5	City of Independence, Power and Light Department	Jim Nail		Abstain	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Negative	Third-Party Comments
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Kaleb Brimhall		Negative	Third-Party Comments
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A

5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A

5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Negative	Third-Party Comments
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		None	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A

5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Negative	Third-Party Comments
5	Xcel Energy, Inc.	Mark Castagneri		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Negative	Third-Party Comments
6	Colorado Springs Utilities	Shannon Fair		Negative	Third-Party Comments
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A

6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		None	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		None	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Negative	Third-Party Comments
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A

6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		None	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Tiffany Lake		Negative	Third-Party Comments
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A

9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	David Greene		None	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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BALLOT RESULTS

Survey: View Survey Results (/SurveyResults/Index/18)
Ballot Name: 2015-04 Alignment of Terms Term 50: Transmission Operator IN 1 DEF
Voting Start Date: 7/17/2015 12:01:00 AM
Voting End Date: 7/27/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: IN
Ballot Series: 1
Total # Votes: 253
Total Ballot Pool: 277
Quorum: 91.34
Weighted Segment Value: 87.71

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	60	0.938	4	0.062	0	3	3
Segment: 2	7	0.7	5	0.5	2	0.2	0	0	0
Segment: 3	64	1	50	0.926	4	0.074	0	2	8
Segment: 4	24	1	19	0.95	1	0.05	0	1	3

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Segment: 5	59	1	47	0.904	5	0.096	0	1	6
Segment: 6	41	1	35	0.946	2	0.054	0	1	3
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	1	0.1	1	0.1	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.6	4	0.4	2	0.2	0	0	1
Totals:	277	6.8	224	5.964	21	0.836	0	8	24

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo

1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A
1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		None	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Negative	Third-Party Comments

1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A
1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Martin Boisvert		Negative	Third-Party Comments
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Doug Bantam		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Negative	Third-Party Comments
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		None	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A

1	National Grid USA	Michael Jones		Negative	Third-Party Comments
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A
1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Julaine Dyke		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A

1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A
1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A

1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A
2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Negative	Third-Party Comments
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	Kathleen Goodman	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	Third-Party Comments
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Lisa Martin		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A

3	Beaches Energy Services	Steven Lancaster		None	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Negative	Third-Party Comments
3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		None	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Negative	Third-Party Comments
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A

3	Florida Municipal Power Agency	Joe McKinney		None	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and Power	Mike Anctil		None	N/A
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Negative	Third-Party Comments
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Negative	Third-Party Comments
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power	Skyler Wiegmann		Affirmative	N/A

	Cooperative				
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Terry Baker		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		None	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A
3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins		None	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power	R. Scott Moore		Affirmative	N/A

	Company				
3	Southern Indiana Gas and Electric Co.	Jim Cox		None	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A
4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A

4	Flathead Electric Cooperative	Russ Schneider		None	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Negative	Third-Party Comments
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A

5	APS - Arizona Public Service Co.	Stephanie Little		None	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	Third-Party Comments
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		None	N/A
5	City and County of San Francisco	Daniel Mason		None	N/A
5	City of Independence, Power and Light Department	Jim Nail		Abstain	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Kaleb Brimhall		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Negative	Third-Party Comments
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A

5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Negative	Third-Party Comments
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Negative	Third-Party Comments
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Negative	Third-Party Comments
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A

5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		None	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A

5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	Mark Castagneri		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Negative	Third-Party Comments

6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		None	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Negative	Third-Party Comments
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		None	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A

6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		None	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Tiffany Lake		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Negative	Third-Party Comments

9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Negative	Third-Party Comments
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Negative	Third-Party Comments
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	David Greene		None	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

Previous 1 Next

Showing 1 to 277 of 277 entries

BALLOT RESULTS

Survey: View Survey Results (/SurveyResults/Index/18)
Ballot Name: 2015-04 Alignment of Terms Term 51: Transmission Owner IN 1 DEF
Voting Start Date: 7/17/2015 12:01:00 AM
Voting End Date: 7/27/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: IN
Ballot Series: 1
Total # Votes: 253
Total Ballot Pool: 277
Quorum: 91.34
Weighted Segment Value: 89.44

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	60	0.938	4	0.062	0	3	3
Segment: 2	7	0.7	6	0.6	1	0.1	0	0	0
Segment: 3	64	1	51	0.944	3	0.056	0	2	8
Segment: 4	24	1	19	0.95	1	0.05	0	1	3

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Segment: 5	59	1	47	0.904	5	0.096	0	1	6
Segment: 6	41	1	35	0.946	2	0.054	0	1	3
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	1	0.1	1	0.1	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.6	4	0.4	2	0.2	0	0	1
Totals:	277	6.8	226	6.082	19	0.718	0	8	24

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo

1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A
1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		None	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Negative	Third-Party Comments

1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A
1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Martin Boisvert		Negative	Third-Party Comments
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Doug Bantam		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Negative	Third-Party Comments
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		None	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A

1	National Grid USA	Michael Jones		Negative	Third-Party Comments
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A
1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Julaine Dyke		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A

1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A
1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A

1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A
2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	John Pearson	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	Third-Party Comments
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Lisa Martin		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		None	N/A

3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A
3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		None	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Negative	Third-Party Comments
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		None	N/A

3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and Power	Mike Anctil		None	N/A
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Negative	Third-Party Comments
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Negative	Third-Party Comments
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A

3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Terry Baker		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		None	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A
3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins		None	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A

3	Southern Indiana Gas and Electric Co.	Jim Cox		None	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A
4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		None	N/A

4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Negative	Third-Party Comments
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		None	N/A

5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	Third-Party Comments
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		None	N/A
5	City and County of San Francisco	Daniel Mason		None	N/A
5	City of Independence, Power and Light Department	Jim Nail		Abstain	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Kaleb Brimhall		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Negative	Third-Party Comments
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A

5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Negative	Third-Party Comments
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Negative	Third-Party Comments
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Negative	Third-Party Comments
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A

5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		None	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A

5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	Mark Castagneri		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Negative	Third-Party Comments
6	Duke Energy	Greg Cecil		Affirmative	N/A

6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		None	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Negative	Third-Party Comments
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		None	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A

6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		None	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Tiffany Lake		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Negative	Third-Party Comments
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A

9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Negative	Third-Party Comments
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Negative	Third-Party Comments
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	David Greene		None	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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BALLOT RESULTS

Survey: View Survey Results (/SurveyResults/Index/18)
Ballot Name: 2015-04 Alignment of Terms Term 52: Transmission Planner IN 1 DEF
Voting Start Date: 7/17/2015 12:01:00 AM
Voting End Date: 7/27/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: IN
Ballot Series: 1
Total # Votes: 253
Total Ballot Pool: 277
Quorum: 91.34
Weighted Segment Value: 87.15

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	59	0.922	5	0.078	0	3	3
Segment: 2	7	0.7	3	0.3	4	0.4	0	0	0
Segment: 3	64	1	49	0.907	5	0.093	0	2	8
Segment: 4	24	1	19	0.95	1	0.05	0	1	3

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Segment: 5	59	1	45	0.882	6	0.118	0	2	6
Segment: 6	41	1	32	0.865	5	0.135	0	1	3
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.6	6	0.6	0	0	0	0	1
Totals:	277	6.8	218	5.926	26	0.874	0	9	24

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo

1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A
1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		None	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Negative	Third-Party Comments
1	Colorado Springs Utilities	Shawna Speer		Negative	Third-Party Comments
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A

1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A
1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Martin Boisvert		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Doug Bantam		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		None	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A

1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A
1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Julaine Dyke		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Negative	Third-Party Comments
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Negative	Third-Party Comments
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A

1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A
1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan		Affirmative	N/A

		Appelbaum			
1	Westar Energy	Kevin Giles		Negative	Third-Party Comments
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A
2	Electric Reliability Council of Texas, Inc.	christina bigelow		Negative	Third-Party Comments
2	Herb Schrayshuen	Herb Schrayshuen		Negative	Third-Party Comments
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	John Pearson	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	Third-Party Comments
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Negative	Third-Party Comments
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Lisa Martin		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A

3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		None	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Negative	Third-Party Comments
3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		None	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Negative	Third-Party Comments
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Negative	Third-Party Comments
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A

3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		None	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and Power	Mike Anctil		None	N/A
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power	Skyler Wiegmann		Affirmative	N/A

	Cooperative				
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Negative	Third-Party Comments
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Terry Baker		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		None	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A
3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins		None	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power	R. Scott Moore		Affirmative	N/A

	Company				
3	Southern Indiana Gas and Electric Co.	Jim Cox		None	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Negative	Third-Party Comments
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A
4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Negative	Third-Party Comments
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A

4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		None	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A

5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		None	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	Third-Party Comments
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		None	N/A
5	City and County of San Francisco	Daniel Mason		None	N/A
5	City of Independence, Power and Light Department	Jim Nail		Abstain	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Negative	Third-Party Comments
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Kaleb Brimhall		Negative	Third-Party Comments
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A

5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A

5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Negative	Third-Party Comments
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Negative	Third-Party Comments
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		None	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A

5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Negative	Third-Party Comments
5	Xcel Energy, Inc.	Mark Castagneri		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Negative	Third-Party Comments
6	Colorado Springs Utilities	Shannon Fair		Negative	Third-Party Comments
6	Con Ed - Consolidated Edison Co. of	Robert Winston		Affirmative	N/A

	New York				
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		None	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		None	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Negative	Third-Party Comments

6	Omaha Public Power District	Mark Trumble		Negative	Third-Party Comments
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		None	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Tiffany Lake		Negative	Third-Party Comments
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A

8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	David Greene		None	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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BALLOT RESULTS

Survey: View Survey Results (/SurveyResults/Index/18)
Ballot Name: 2015-04 Alignment of Terms Term 54: Transmission Service Provider IN 1 DEF
Voting Start Date: 7/17/2015 12:01:00 AM
Voting End Date: 7/27/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: IN
Ballot Series: 1
Total # Votes: 253
Total Ballot Pool: 277
Quorum: 91.34
Weighted Segment Value: 98.24

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	64	1	0	0	0	3	3
Segment: 2	7	0.7	6	0.6	1	0.1	0	0	0
Segment: 3	64	1	54	1	0	0	0	2	8
Segment: 4	24	1	20	1	0	0	0	1	3

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Segment: 5	59	1	50	0.98	1	0.02	0	2	6
Segment: 6	41	1	37	1	0	0	0	1	3
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.6	6	0.6	0	0	0	0	1
Totals:	277	6.8	242	6.68	2	0.12	0	9	24

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo

1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A
1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		None	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A

1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A
1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Martin Boisvert		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Doug Bantam		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		None	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A

1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A
1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Julaine Dyke		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A

1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A
1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A

1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A
2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	John Pearson	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	Comments Submitted
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Lisa Martin		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		None	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A

3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A
3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		None	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		None	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A

3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and Power	Mike Anctil		None	N/A
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A

3	Platte River Power Authority	Terry Baker		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		None	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A
3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins		None	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		None	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott		Affirmative	N/A

		Gill			
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A
4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		None	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A

4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		None	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A

5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	Third-Party Comments
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		None	N/A
5	City and County of San Francisco	Daniel Mason		None	N/A
5	City of Independence, Power and Light Department	Jim Nail		Abstain	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Kaleb Brimhall		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A

5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A

5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		None	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A

5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	Mark Castagneri		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		None	N/A
6	Great River Energy	Donna	Michael Brytowski	Affirmative	N/A

		Stephenson			
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		None	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		None	N/A

6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Tiffany Lake		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A

10	SERC Reliability Corporation	David Greene		None	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

Previous 1 Next

Showing 1 to 277 of 277 entries

Survey Report

Survey Details

Name 2015-04 Alignment of Terms

Description

Start Date 6/13/2015

End Date 7/27/2015

Associated Ballots

2015-04 Alignment of Terms Term 4: Blackstart Resource IN 1 DEF

2015-04 Alignment of Terms Term 6: Bulk-Power System IN 1 DEF

2015-04 Alignment of Terms Term 7: Cascading IN 1 DEF

2015-04 Alignment of Terms Term 13: Distribution Provider IN 1 DEF

2015-04 Alignment of Terms Term 14: Element IN 1 DEF

2015-04 Alignment of Terms Term 17: Generator Operator IN 1 DEF

2015-04 Alignment of Terms Term 18: Generator Owner IN 1 DEF

2015-04 Alignment of Terms Term 20: Interchange Authority IN 1 DEF

2015-04 Alignment of Terms Term 24: Interconnected Operations Service IN 1 DEF

2015-04 Alignment of Terms Term 25: Interconnection IN 1 DEF

2015-04 Alignment of Terms Term 28: Load-Serving Entity IN 1 DEF

2015-04 Alignment of Terms Term 31: Planning Authority IN 1 DEF

2015-04 Alignment of Terms Term 33: Point of Receipt IN 1 DEF

2015-04 Alignment of Terms Term 36: Reactive Power IN 1 DEF

2015-04 Alignment of Terms Term 37: Real Power IN 1 DEF

2015-04 Alignment of Terms Term 38: Realiability Coordinator IN 1 DEF

2015-04 Alignment of Terms Tern 40: Reliability Standard IN 1 DEF

2015-04 Alignment of Terms Term 41: Reliable Operation IN 1 DEF

2015-04 Alignment of Terms Term 42: Reserve Sharing Group IN 1 DEF

2015-04 Alignment of Terms Term 43: Resource Planner IN 1 DEF

2015-04 Alignment of Terms Term 48: System Operating Limit IN 1 DEF

2015-04 Alignment of Terms Term 49: Transmission Customer IN 1 DEF

2015-04 Alignment of Terms Term 50: Transmission Operator IN 1 DEF

2015-04 Alignment of Terms Term 51: Transmission Owner IN 1 DEF

2015-04 Alignment of Terms Term 52: Transmission Planner IN 1 DEF

2015-04 Alignment of Terms Term 54: Transmission Service Provider IN 1 DEF

Survey Questions

1. Term 4: Blackstart Resource - See Unofficial Word version of the Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Yes

No

2. Term 6: Bulk-Power System - See Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Yes

No

3. Term 7: Cascading - See Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Yes

No

4. Term 13: Distribution Provider - See Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Yes

No

5. Term 14: Element - See Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Yes

No

6. Term 17: Generator Operator - See Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Yes

No

7. Term 18: Generator Owner - See Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Yes

No

8. Term 20: Interchange Authority - See Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Yes

No

9. Term 24: Interconnected Operations Service - See Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Yes

No

10. Term 25: Interconnection - See Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Yes

No

11. Term 28: Load-Serving Entity - See Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Yes

No

12. Term 31: Planning Authority - See Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Yes

No

13. Term 33: Point of Receipt - Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Yes

No

14. Term 36: Reactive Power - Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Yes

No

15. Term 37: Real Power - Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Yes

No

16. Term 38: Reliability Coordinator - Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Yes

No

17. Term 40: Reliability Standard - Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Yes

No

18. Term 41: Reliable Operation - Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Yes

No

19. Term 42: Reserve Sharing Group - Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Yes

No

20. Term 43: Resource Planner - Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Yes

No

21. Term 48: System Operating Limit - Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Yes

No

22. Term 49: Transmission Customer - Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Yes

No

23. Term 50: Transmission Operator - Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Yes

No

24. Term 51: Transmission Owner - Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Yes

No

25. Term 52: Transmission Planner - Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Yes

No

26. Term 54: Transmission Service Provider - Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Yes

No

27. If you have additional comments on the proposed revisions to the Glossary definitions that you have not provided in your responses above, please provide them here.

Responses By Question

1. Term 4: Blackstart Resource - See Unofficial Word version of the Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathy Caignon - City of Vineland - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jonathan Appelbaum - United Illuminating Co. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Wright - San Diego Gas & Electric - 3 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	**Region(s)**
MRO	MRO

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - Emily Rousseau - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: No

Answer Comment:

We do not agree with the proposed revisions as it fall short of including the Reliability Coordinator. We suggest to add "and Reliability Coordinator's" after each of the "Transmission Operator's" since in EOP-006-2, the RC's restoration plan also requires the utilization of Blackstart Resources.

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Seelke - PSEG - 1,2,5,6 - NPCC,RFC

Group Information

Group Name: PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Voter Information

Voter

John Seelke

Segment

1,2,5,6

Entity

PSEG

Region(s)

NPCC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Xcel Energy, Inc. - 1,3,5,6 - MRO,WECC,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rob Collins - Rob Collins On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co., 1, 6, 5, 3

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3

Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5

Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity	Region(s)
Dominion - Dominion Resources, Inc.	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity **Region(s)**

Dominion - Dominion Resources, Inc.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1

David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	**Region(s)**
Northeast Power Coordinating Council	NPCC

Selected Answer: No

Answer Comment:

We agree with the consistency revisions proposed, but the need to capture the restoration needs and obligations of Reliability Coordinators under EOP-006-2 must be addressed. Suggest that the SDT add “and Reliability Coordinator’s” after each of the “Transmission Operator’s” to reflect that, in EOP-006-2, the RC’s restoration plan also requires the utilization of Blackstart Resources**.** Also, the second part of the definition pertains to a generating unit that **“**is designed to remain energized without connection to the remainder of the System.” We suggest that the SDT consider deleting this aspect of the definition due to the fact that although such a generating unit could be utilized for system restoration, it would not (indeed, could not) be classified in advance as a Blackstart Resource within the restoration plan (i.e., there is no guarantee that the unit would be operating at the time of the disturbance).

Document Name:

Likes: 2 Hydro-Qu?bec TransEnergie, 1, Phan Si Truc
Si Truc Phan, N/A, Phan Si Truc
paquet manon On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5,

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Matthew Beilfuss - WEC Energy Group, Inc. - 3,4,5,6 - MRO,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Dennis Chastain - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer: No

Answer Comment:

ISO-NE agrees with the consistency revisions proposed, but respectfully suggests that the SDT overlooked the need to capture the restoration needs and obligations of Reliability Coordinators under EOP-006-2. Thus, ISO-NE suggests that the SDT add “and Reliability Coordinator’s” after each of the “Transmission Operator’s” to reflect that, in EOP-006-2, the RC’s restoration plan also requires the utilization of Blackstart Resources. Also, the second part of the definition pertains to a generating unit that “is designed to remain energized without connection to the remainder of the System.” ISO-NE suggests that the SDT consider deleting this aspect of the definition due to the fact that although such a generating unit could be utilized for system restoration, it would not (indeed, could not) be classified in advance as a Blackstart Resource within the restoration plan (i.e., there is no guarantee that the unit would be operating at the time of the disturbance).

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer: No

Answer Comment:

ISO-NE agrees with the consistency revisions proposed, but respectfully suggests that the SDT overlooked the need to capture the restoration needs and obligations of Reliability Coordinators under EOP-006-2. Thus, ISO-NE suggests that the SDT add “and Reliability Coordinator’s” after each of the “Transmission Operator’s” to reflect that, in EOP-006-2, the RC’s restoration plan also requires the utilization of Blackstart Resources. Also, the second part of the definition pertains to a generating unit that “is designed to remain energized without connection to the remainder of the System.” ISO-NE suggests that the SDT consider deleting this aspect of the definition due to the fact that although such a generating unit could be utilized for system restoration, it would not (indeed, could not) be classified in advance as a Blackstart Resource within the restoration plan (i.e., there is no guarantee that the unit would be operating at the time of the disturbance).

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

We support the Comments Submitted by the Southwest Power Pool.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:
See our comments on the last question.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Steven Rueckert - Western Electricity Coordinating Council - 10 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Si Truc Phan - Hydro-Qu?bec TransEnergie - 1 - NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Si Truc Phan - Si Truc Phan - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2

Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter	Segment
christina bigelow	2
Entity	**Region(s)**
Electric Reliability Council of Texas, Inc.	

Selected Answer: No

Answer Comment:

The SRC agrees with the consistency revisions proposed, but respectfully suggests that the SDT overlooked the need to capture the restoration needs and obligations of Reliability Coordinators under EOP-006-2. Thus, the SRC suggests that the SDT add “and Reliability Coordinator’s” after each of the “Transmission Operator’s” to reflect that, in EOP-006-2, the RC’s restoration plan also requires the utilization of Blackstart Resources. Also, the second part of the definition pertains to a generating unit that “is designed to remain energized without connection to the remainder of the System.” The SRC suggests that the SDT consider deleting this aspect of the definition due to the fact that, although such a generating unit could be utilized for system restoration, it would not (indeed, could not) be classified in advance as a Blackstart Resource within the restoration plan (*i.e.*, there is no guarantee that the unit would be operating at the time of the disturbance).

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: No

Answer Comment:

Comments provided in attached file

Document Name: Project_2015-04_Unofficial_Comment_Form_SRC_072615.docx

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dan Wilson - PPL Electric Utilities Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: No

Answer Comment:

On its own, Real is not a defined term. "... Real and Reactive Power" should be changed to "Real Power and Reactive Power" for referencing the defined term Real Power.

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yuguang Xiao - Manitoba Hydro - 5 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter

Chris Scanlon

Segment

1

Entity

Exelon

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Martin Boisvert - Hydro-Qu?bec TransEnergie - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

Voter Information

Voter	Segment
Jason Smith	2

Entity	Region(s)
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

manon paquet - manon paquet On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Group Information

Group Name: ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6
Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Voter Information

Voter **Segment**

Ben Engelby

6

Entity

Region(s)

ACES Power Marketing

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michelle D'Antuono - Oxy - Ingleside Cogeneration LP - 5 -

Selected Answer: Yes

Answer Comment:

We agree with comments submitted by Occidental Chemical Corporation.

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - Andy Bolivar - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Bernard Johnson - Oglethorpe Power Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter

Colby Bellville

Segment

1,3,5,6

Entity

Duke Energy

Region(s)

FRCC,SERC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Colby Bellville - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Duke Energy suggests capitalizing the term “Transmission” throughout the definition, as it is currently a defined term.

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Andrea Jessup - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Canadian Electricity Association - NA - Not Applicable - NA - Not Applicable

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Patrick Brown - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

2. Term 6: Bulk-Power System - See Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathy Caignon - City of Vineland - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jonathan Appelbaum - United Illuminating Co. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Wright - San Diego Gas & Electric - 3 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	**Region(s)**
MRO	MRO

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - Emily Rousseau - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: No

Answer Comment:

While we generally support the proposed revisions, we are unable to support the inclusion of the phrase "In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1]," since there are entities such as the IESO that are not under FERC's jurisdiction. We believe this note needs to be reworded as follows:

The term does not include facilities used in the local distribution of electric energy. (In order to remain consistent with published regulatory documents, defined terms contained in this narrative are not capitalized.) Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning.

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: No

Answer Comment:

NERC should delete all references to the Federal Power Act throughout these revisions and “re-capitalize” NERC defined terms within all of the definitions. Seminole’s reasoning for this is that each term should have one reference only. For example, if NERC feels that the defined term “Facilities” does not encapsulate the meaning put forth by Congress of “facilities” in the Federal Power Act, then the drafting team should revise the definition for Facilities. Referencing both the Federal Power Act and the NERC Glossary can cause confusion where legislative background can be interpreted differently than NERC definition drafting team responses and notes.

Document Name:

Likes: 0

Dislikes: 0

John Seelke - PSEG - 1,2,5,6 - NPCC,RFC

Group Information

Group Name: PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Voter Information

Voter

John Seelke

Segment

1,2,5,6

Entity

PSEG

Region(s)

NPCC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Xcel Energy, Inc. - 1,3,5,6 - MRO,WECC,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rob Collins - Rob Collins On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co., 1, 6, 5, 3

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3

Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6
Entity	**Region(s)**
Dominion - Dominion Resources, Inc.	

Selected Answer: No

Answer Comment:

Dominion believes that all terms which are defined in the NERC Glossary should be capitalized for consistency. We do not agree that an exception, soley to insure that consistency with the Federal Power Act is maintained, should be made. If this exception is accepted, what justification would be used for not being consistent with other regulatory statutes?

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6

Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6
Entity	**Region(s)**
Dominion - Dominion Resources, Inc.	

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: No

Answer Comment:

Dominion believes that all terms which are defined in the NERC Glossary should be capitalized for consistency. We do not agree that an exception, soley to insure that consistency with the Federal Power Act is maintained, should be made. If this exception is accepted, what justification would be used for not being consistent with other regulatory statutes?

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3

John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity	Region(s)
Dominion - Dominion Resources, Inc.	

Selected Answer: No

Answer Comment:

Document Name: Dominion final comments -Project_2015-04_Unofficial_Comment_Form_06102015.docx

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10

Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Voter Information

Voter	Segment
Lee Pedowicz	10

Entity	Region(s)

Northeast Power Coordinating Council NPCC

Selected Answer: No

Answer Comment:

For consistency with federal documents, Bulk-Power System (with the hyphen) should be used in all documents where appropriate. For NERC documents, capitalization should be consistent. If, for example, Facilities is capitalized in the Glossary, then Facilities should be capitalized in the RoP regardless of how they are shown in federal documents.

Document Name:

Likes: 2 Hydro-Qu?bec TransEnergie, 1, Phan Si Truc
Si Truc Phan, N/A, Phan Si Truc
paquet manon On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5,

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Matthew Beilfuss - WEC Energy Group, Inc. - 3,4,5,6 - MRO,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

We also recommend the last sentence (note) be moved inside the parenthesis so it is not confused with being part of the definition.

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Dennis Chastain - -

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

We also recommend the last sentence (note) be moved inside the parenthesis so it is not confused with being part of the definition.

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer: No

Answer Comment:

ISO New England generally supports the proposed revisions, but is unable to support the inclusion of the phrase "In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1]." ISO New England notes that, since there are entities such as the IESO that are not under FERC's jurisdiction any revisions to the definition should respect the differing regulatory regimes in effect. ISO New England suggests that this note be reworded as follows:

The term does not include facilities used in the local distribution of electric energy. (In order to remain consistent with applicable regulatory authorities, defined terms contained in this narrative are not capitalized.) Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning.

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

We support the Comments Submitted by the Southwest Power Pool.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:
See our comments on the last question.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Steven Rueckert - Western Electricity Coordinating Council - 10 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Si Truc Phan - Hydro-Qu?bec TransEnergie - 1 - NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Si Truc Phan - Si Truc Phan - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2

Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter	Segment
christina bigelow	2
Entity	**Region(s)**
Electric Reliability Council of Texas, Inc.	

Selected Answer: No

Answer Comment:

The SRC generally supports the proposed revisions, but is unable to support the inclusion of the phrase “In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1].” The SRC notes that, since there are entities such as the IESO that are not under FERC’s jurisdiction, any revisions to the definition should respect the differing regulatory regimes in effect. The SRC suggests that this note be reworded as follows:

The term does not include facilities used in the local distribution of electric energy. (In order to remain consistent with applicable regulatory authorities, defined terms contained in this narrative are not capitalized.) Note that the terms “Bulk-Power System” or “Bulk Power System” shall have the same meaning.

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: No

Answer Comment:

Comments provided in attached file.

Document Name: Project_2015-04_Unofficial_Comment_Form_SRC_072615.docx

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: No

Answer Comment:

The terms still don't align – the ROP changes remains ambigious in that it depends on the context and specifically references Appendix 4E.

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dan Wilson - PPL Electric Utilities Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: No

Answer Comment:

The terms still don't align – the ROP changes remains ambigious in that it depends on the context and specifically references
Appendix 4E.

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: No

Answer Comment:

The terms still don't align – the ROP changes remains ambigious in that it depends on the context and specifically references
Appendix 4E.

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: No

Answer Comment:

Proposed changes to 6 (Bulk-Power System), 40 (Reliability Standard) and 41 (Reliable Operation) relating to the Federal Power Act are not made consistently.

Redlined added text referencing the Federal Power Act should be consistently written for #6, #40, #41.

Bulk-Power System should appear consistenty in the definitions of #6, #40, #41.

Defined terms should be written consistently. If using "reliable operation [Reliable Operation]", should also use same approach "facilities [Facility(ies)]" for all other defined terms.

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

Texas RE noticed in this definition, and several others, terms like “facilities” are not capitalized even though “Facility” is a defined term in the Glossary. This thought is not consistently applied throughout the terms (e.g. :”Reliability Standards Development Plan” includes the capitalized term “Reliability Standard”).

In general, Texas RE recommends consistency with capitalization. Capitalization infers a term is defined in the Glossary and/or ROP.

Document Name:

Likes: 0

Dislikes: 0

Yuguang Xiao - Manitoba Hydro - 5 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter

Chris Scanlon

Segment

1

Entity

Exelon

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Martin Boisvert - Hydro-Qu?bec TransEnergie - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

Voter Information

Voter	Segment
Jason Smith	2

Entity	Region(s)
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

manon paquet - manon paquet On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Group Information

Group Name: ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6
Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Voter Information

Voter **Segment**

Ben Engelby

6

Entity

Region(s)

ACES Power Marketing

Selected Answer: No

Answer Comment:

There needs to be consistency with the use of brackets to signify Glossary/ROP term that are intended to have the meaning of the definition in Section 215 of the Federal Power Act. “Bulk-Power System” did not use brackets for the terms [Facilities], [Transmission], and [System]. However, the drafting team chose to add brackets to signify Glossary/ROP terms in the “Reliability Standard” and “Reliable Operation” definitions.

Document Name:

Likes: 0

Dislikes: 0

Michelle D'Antuono - Oxy - Ingleside Cogeneration LP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - Andy Bolivar - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Bernard Johnson - Oglethorpe Power Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter

Colby Bellville

Segment

1,3,5,6

Entity

Duke Energy

Region(s)

FRCC,SERC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Colby Bellville - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Andrea Jessup - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Canadian Electricity Association - NA - Not Applicable - NA - Not Applicable

Selected Answer: No

Answer Comment:

The Canadian Electricity Association (CEA) requests that a qualifier be inserted to clarify that the Federal Power Act is a U.S. statute. Wording as follows seems appropriate: "In order to remain consistent with the U.S. Federal Power Act…"

CEA believes that every defined term in the NERC Glossary and ROP should be respectful of Canadian entities - including those applicable governmental authorities in Canada with responsibility for reliability oversight - as well as the North American nature of the grid and NERC's mission as an international reliability organization. If any statute is referenced in the Glossary or ROP, the jurisdiction in which that statute is in effect should be clarified, rather than there being an implicit assumption of U.S. jurisdiction. The citations to the U.S. Code and Code of Federal Regulations which follow are not suitable to serve as such references, as they are not necessarily abbrevaitions which will be familiar to all non-legal, third-party audiences in North America.

In general, CEA believes that the NERC Glossary should not have to refer to specific pieces of governing legislation. However, if the SDT chooses to proceed, CEA requests that it include the U.S. qualifier for the FPA suggested above.

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Patrick Brown - -

Selected Answer: No

Answer Comment:

CEA requests that a qualifier be inserted to clarify that the Federal Power Act is a U.S. statute. Wording as follows seems appropriate: "In order to remain consistent with the U.S. Federal Power Act…" CEA believes that every defined term in the NERC Glossary and ROP should be respectful of Canadian entities - including those applicable governmental authorities in Canada with responsibility for reliability oversight - as well as the North American nature of the grid and NERC's mission as an international reliability organization. If any statute is referenced in the Glossary or ROP, the jurisdiction in which that statute is in effect should be clarified, rather than there being an implicit assumption of U.S. jurisdiction. The citations to the U.S. Code and Code of Federal Regulations which follow are not suitable to serve as such references, as they are not necessarily abbrevaitions which will be familiar to all non-legal, third-party audiences in North America. In general, CEA believes that the NERC Glossary should not have to refer to specific pieces of governing legislation. However, if the SDT chooses to proceed, CEA requests that it include the U.S. qualifier for the FPA suggested above.

Document Name:

Likes: 0

Dislikes: 0

3. Term 7: Cascading - See Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathy Caignon - City of Vineland - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jonathan Appelbaum - United Illuminating Co. - 1 -

Selected Answer: No

Answer Comment:

Introducing the defined terms for System and Elements makes the definition for CAscading incoherent. The Glossary defines a System as a "A combination of generation, transmission, and distribution components. " and Elements as "Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An Element may be comprised of one or more components." So both System and Elements are composed of components. The System components are Elements, and the Elements components are the mechanical things that make the device work. The definintion proposed for Cascading starts with "The uncontrolled successive loss of System Elements triggered by an incident at any location." I think System should not be capitalized or system sholud be Bulk Electric System Elements since BES is defined differently than System.

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Wright - San Diego Gas & Electric - 3 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6

Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	**Segment**
Emily Rousseau	1,2,3,4,5,6
Entity	**Region(s)**
MRO	MRO

Selected Answer: No

Answer Comment:

Recommend that this term be moved to Phase 2, whereby in can me redefined in light of FERC's letter approving CIP-014-2. FERC explains that they are removing the word widespread since it is unclear on how it will be enforced.

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - Emily Rousseau - -

Error: Subreport could not be shown.

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Seelke - PSEG - 1,2,5,6 - NPCC,RFC

Group Information

Group Name: PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Voter Information

Voter

John Seelke

Segment

1,2,5,6

Entity

PSEG

Region(s)

NPCC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Xcel Energy, Inc. - 1,3,5,6 - MRO,WECC,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rob Collins - Rob Collins On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co., 1, 6, 5, 3

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3

Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5

Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity **Region(s)**

Dominion - Dominion Resources, Inc.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1

David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	**Region(s)**
Northeast Power Coordinating Council	NPCC

Selected Answer: No

Answer Comment:

Introducing the defined terms for System and Elements makes the definition for Cascading incoherent. The Glossary defines System as a "A combination of generation, transmission, and distribution components." and Element as "Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An Element may be comprised of one or more components." Both System and Element are composed of components. The System components are Elements, and components of Elements are make up the Element. The definition proposed for Cascading starts with "The uncontrolled successive loss of System Elements triggered by an incident at any location." The use of System Elements is redundant. System should be replaced with Bulk Electric System, or otherwise should not be capitalized.

Suggest adding the word “local” before the word “area.” Also, the definition should recognize that, under TPL-001-4, the Transmission Planner defines and documents, within its Planning Assessment, the criteria or methodology used in the analysis to identify System instability for conditions such as Cascading.

Document Name:

Likes: 2 Hydro-Qu?bec TransEnergie, 1, Phan Si Truc
Si Truc Phan, N/A, Phan Si Truc
paquet manon On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5,

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Matthew Beilfuss - WEC Energy Group, Inc. - 3,4,5,6 - MRO,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

While "System" and "Element" are defined terms in the Glossary, "System Elements" is not a defined term. A possible rephrasing that would retain the same meaning but avoid the use of conjoined terms would be "The uncontrolled successive loss of Elements within a System, triggered by an incident at any location."

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Dennis Chastain - -

Selected Answer: Yes

Answer Comment:

While "System" and "Element" are defined terms in the Glossary, "System Elements" is not a defined term. A possible rephrasing that would retain the same meaning but avoid the use of conjoined terms would be "The uncontrolled successive loss of Elements within a System, triggered by an incident at any location."

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer: No

Answer Comment:

The word “local” should be inserted before the word “area.” Also, the definition should recognize that, under TPL-001-4, the Transmission Planner defines and documents, within its Planning Assessment, the criteria or methodology used in the analysis to identify System instability for conditions such as Cascading.

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

We support the Comments Submitted by the Southwest Power Pool.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:
See our comments on the last question.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:
See comments from SPP Standards Review Group.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer: No

Answer Comment:

Recommend that this term be moved to Phase 2, whereby in can me redefined in light of FERC's letter approving CIP-014-2. FERC explains that they are removing the word widespread since it is unclear on how it will be enforced

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer: No

Answer Comment:

Recommend that this term be moved to Phase 2, whereby in can me redefined in light of FERC's letter approving CIP-014-2. FERC explains that they are removing the word widespread since it is unclear on how it will be enforced.

Document Name:

Likes: 0

Dislikes: 0

Steven Rueckert - Western Electricity Coordinating Council - 10 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Si Truc Phan - Hydro-Qu?bec TransEnergie - 1 - NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Si Truc Phan - Si Truc Phan - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: No

Answer Comment:

The SRC recommends that the word “local” be inserted before the word “area.” Also, the definition should recognize that, under TPL-001-4, the Transmission Planner defines and documents within its Planning Assessment, the criteria or methodology used in the analysis to identify System instability for conditions such as Cascading.

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: No

Answer Comment:

Comments provided in attached file.

Document Name: Project_2015-04_Unofficial_Comment_Form_SRC_072615.docx

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dan Wilson - PPL Electric Utilities Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

Texas RE agrees with the decision to capitalize the words "System" and "Elements". Texas RE inquires as to whether this could lead to confusion as there is no defined term "System Elements", but rather the term "System" is defined and the term "Elements" is defined.

Document Name:

Likes: 0

Dislikes: 0

Yuguang Xiao - Manitoba Hydro - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter

Chris Scanlon

Segment

1

Entity

Exelon

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Martin Boisvert - Hydro-Qu?bec TransEnergie - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

Voter Information

Voter	Segment
Jason Smith	2

Entity	Region(s)
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: Yes

Answer Comment:

We recommend that use of the term “widespread” in this definition be reviewed in the later phases of this project.

Document Name:

Likes: 0

Dislikes: 0

manon paquet - manon paquet On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Group Information

Group Name: ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5

Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6
Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Voter Information

Voter

Ben Engelby

Segment

6

Entity

ACES Power Marketing

Region(s)

Selected Answer: No

Answer Comment:

Capitalizing "System" fundamentally alters the meaning of the definition because the NERC Glossary Term "System" includes distribution components. Thus, by including distribution components, a hurricane causing “widespread electric service interruption” on distribution levels could be defined as Cascading. Clearly this is not Cascading.

Document Name:

Likes: 0

Dislikes: 0

Michelle D'Antuono - Oxy - Ingleside Cogeneration LP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - Andy Bolivar - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: No

Answer Comment:
I support MRO NSRF comments.

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: No

Answer Comment: I support MRO NSRF comments.

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Bernard Johnson - Oglethorpe Power Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter

Colby Bellville

Segment

1,3,5,6

Entity

Duke Energy

Region(s)

FRCC,SERC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Colby Bellville - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Andrea Jessup - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Canadian Electricity Association - NA - Not Applicable - NA - Not Applicable

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Patrick Brown - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

4. Term 13: Distribution Provider - See Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathy Caignon - City of Vineland - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jonathan Appelbaum - United Illuminating Co. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Wright - San Diego Gas & Electric - 3 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6

Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	**Region(s)**
MRO	MRO

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - Emily Rousseau - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

While we do not disagree with the proposed changes, the definition is quite different from that presented in the Functional Model. Suggest to adopt the FM definition, or to revise the definition in the FM to achieve total consistency.

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Seelke - PSEG - 1,2,5,6 - NPCC,RFC

Group Information

Group Name: PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Voter Information

Voter

John Seelke

Segment

1,2,5,6

Entity

PSEG

Region(s)

NPCC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Xcel Energy, Inc. - 1,3,5,6 - MRO,WECC,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rob Collins - Rob Collins On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co., 1, 6, 5, 3

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3

Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6
Entity	**Region(s)**
Dominion - Dominion Resources, Inc.	

Selected Answer: No

Answer Comment:

Dominion suggested replacing thethe term “wires” with “electrical elements” since ‘wires” could be construed to exclude transformers, breakers, switches, reclosers, fuses, etc..

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6

Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6
Entity	**Region(s)**
Dominion - Dominion Resources, Inc.	

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: No

Answer Comment:

Dominion suggested replacing thethe term “wires” with “electrical elements” since ‘wires” could be construed to exclude transformers, breakers, switches, reclosers, fuses, etc..

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3

Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6
Entity	**Region(s)**
Dominion - Dominion Resources, Inc.	

Selected Answer: No

Answer Comment:

Document Name: Dominion final comments -Project_2015-04_Unofficial_Comment_Form_06102015.docx

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1

Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Voter Information

Voter	Segment
Lee Pedowicz	10

Entity **Region(s)**

Northeast Power Coordinating Council NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 paquet manon On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5,

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Matthew Beilfuss - WEC Energy Group, Inc. - 3,4,5,6 - MRO,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

For form consistency with other registered entity type definitions contained in the Glossary, we recommend starting the definition with "The entity that provides...".

We also recommend capitalization of the word "Transmission" within the DP definition (two locations) because this term is defined in the Glossary and we believe its usage in the DP definition narrative is intended to have the meaning of the defined term. "System" is also a defined term in the Glossary, but its use in the DP definition narrative does not appear to have the same meaning as the defined term, since the defined term is inclusive of "distribution components".

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Dennis Chastain - -

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

For form consistency with other registered entity type definitions contained in the Glossary, we recommend starting the definition with "The entity that provides...".

We also recommend capitalization of the word "Transmission" within the DP definition (two locations) because this term is defined in the Glossary and we believe its usage in the DP definition narrative is intended to have the meaning of the defined term. "System" is also a defined term in the Glossary, but its use in the DP definition narrative does not appear to have the same meaning as the defined term, since the defined term is inclusive of "distribution components".

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: No

Answer Comment:

We recommend removing the quotes around “wires” as it seems odd to have quotes in a definition. Also, Is the DP definition still needed if the risk-based registration project did away with it?

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

We support the Comments Submitted by the Southwest Power Pool.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:
See our comments on the last question.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Steven Rueckert - Western Electricity Coordinating Council - 10 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Si Truc Phan - Hydro-Qu?bec TransEnergie - 1 - NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Si Truc Phan - Si Truc Phan - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

The SRC has previously commented that there needs to be total consistency between all fundamental documents within NERC. Thus, while it does not disagree with the proposed changes, it recommends that the SDT take this opportunity to also synchronize this definition with the Functional Model.

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Comments provided in attached file.

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: No

Answer Comment:

The NERC Functional Model also includes a definition for Distribution Provider. This term The functional entity that provides facilities that interconnect an End-use Customer load and the electric system for the transfer of electrical energy to the End-use Customer. The NERC Funcitonal Model should also align with the NERC RoP and Glossary of Terms.

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dan Wilson - PPL Electric Utilities Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: No

Answer Comment:

The NERC Functional Model also includes a definition for Distribution Provider. This term The functional entity that provides facilities that interconnect an End-use Customer load and the electric system for the transfer of electrical energy to the End-use Customer. The NERC Funcitonal Model should also align with the NERC RoP and Glossary of Terms.

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: No

Answer Comment:

The NERC Functional Model also includes a definition for Distribution Provider. This term The functional entity that provides facilities
that interconnect an Enduse Customer load and the electric system for the transfer of electrical energy to the Enduse
Customer. The NERC Funcitonal Model should also align with the NERC RoP and Glossary of Terms.

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yuguang Xiao - Manitoba Hydro - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter	Segment
Chris Scanlon	1
Entity	**Region(s)**
Exelon	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Martin Boisvert - Hydro-Qu?bec TransEnergie - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1

Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

Voter Information

Voter	Segment
Jason Smith	2
Entity	**Region(s)**
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

manon paquet - manon paquet On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Group Information

Group Name: ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6
Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Voter Information

Voter

Ben Engelby

Segment

6

Entity

ACES Power Marketing

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michelle D'Antuono - Oxy - Ingleside Cogeneration LP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - Andy Bolivar - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

We recommend removing the quotes around “wires” as it seems odd to have quotes in a definition. Also, Is the DP definition still needed if the risk-based registration project did away with it?

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Bernard Johnson - Oglethorpe Power Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter

Colby Bellville

Segment

1,3,5,6

Entity

Duke Energy

Region(s)

FRCC,SERC,RFC

Selected Answer: Yes

Answer Comment:

Duke Energy suggests capitalizing the term "Transmission" throughout the definition, as it is currently a defined term.

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Colby Bellville - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Duke Energy suggests capitalizing the term “Transmission” throughout the definition, as it is currently a defined term.

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Andrea Jessup - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Canadian Electricity Association - NA - Not Applicable - NA - Not Applicable

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Patrick Brown - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

5. Term 14: Element - See Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathy Caignon - City of Vineland - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jonathan Appelbaum - United Illuminating Co. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Wright - San Diego Gas & Electric - 3 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	**Region(s)**
MRO	MRO

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - Emily Rousseau - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Seelke - PSEG - 1,2,5,6 - NPCC,RFC

Group Information

Group Name: PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Voter Information

Voter

John Seelke

Segment

1,2,5,6

Entity

PSEG

Region(s)

NPCC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Xcel Energy, Inc. - 1,3,5,6 - MRO,WECC,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rob Collins - Rob Collins On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co., 1, 6, 5, 3

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3

Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6
Entity	**Region(s)**
Dominion - Dominion Resources, Inc.	

Selected Answer: No

Answer Comment:

Dominion does not believe it is necessary to use the capitalized version of a term in the definition of that term.

For consistency with the first sentence of the definition, Dominion suggest the following: "Element**:** Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An element may be comprised of one or more components **electrical devices**. "

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6

Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: No

Answer Comment:

Dominion does not believe it is necessary to use the capitalized version of a term in the definition of that term.

For consistency with the first sentence of the definition, Dominion also suggests the following: "Element**:** Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An element may be comprised of one or more components **electrical devices**.

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5

Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6
Entity	**Region(s)**
Dominion - Dominion Resources, Inc.	

Selected Answer: No

Answer Comment:

Document Name: Dominion final comments -Project_2015-04_Unofficial_Comment_Form_06102015.docx

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2

Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	**Region(s)**
Northeast Power Coordinating Council	NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 paquet manon On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5,

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Matthew Beilfuss - WEC Energy Group, Inc. - 3,4,5,6 - MRO,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

We also recommend capitalization of "Transmission Line" within the Element definition because this term is defined in the Glossary and we believe its usage in the Element definition narrative is intended to have the meaning of the defined term.

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Dennis Chastain - -

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

We also recommend capitalization of "Transmission Line" within the Element definition because this term is defined in the Glossary and we believe its usage in the Element definition narrative is intended to have the meaning of the defined term.

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

We support the Comments Submitted by the Southwest Power Pool.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:
See our comments on the last question.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Steven Rueckert - Western Electricity Coordinating Council - 10 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Si Truc Phan - Hydro-Qu?bec TransEnergie - 1 - NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Si Truc Phan - Si Truc Phan - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name: Project_2015-04_Unofficial_Comment_Form_SRC_072615.docx

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dan Wilson - PPL Electric Utilities Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

The last sentence is exactly what Texas Re would like to see. The term iscapitalized because it is defined and is intended to have the meaning of the defined term. Additionally, it would be helpful to list examples of components, such as wavetraps, air switches, transformer tap changers, etc.

Document Name:

Likes: 0

Dislikes: 0

Yuguang Xiao - Manitoba Hydro - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter

Chris Scanlon

Segment

1

Entity

Exelon

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Martin Boisvert - Hydro-Qu?bec TransEnergie - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

Voter Information

Voter	Segment
Jason Smith	2

Entity	Region(s)
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

manon paquet - manon paquet On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Group Information

Group Name: ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6
Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Voter Information

Voter **Segment**

Ben Engelby 6

Entity **Region(s)**

ACES Power Marketing

Selected Answer: No

Answer Comment:

“Transmission Line” is a defined term and the drafting team should consider if it should be capitalized.

Document Name:

Likes: 0

Dislikes: 0

Michelle D'Antuono - Oxy - Ingleside Cogeneration LP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - Andy Bolivar - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Bernard Johnson - Oglethorpe Power Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter

Colby Bellville

Segment

1,3,5,6

Entity

Duke Energy

Region(s)

FRCC,SERC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Colby Bellville - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Andrea Jessup - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Canadian Electricity Association - NA - Not Applicable - NA - Not Applicable

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Patrick Brown - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

6. Term 17: Generator Operator - See Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathy Caignon - City of Vineland - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jonathan Appelbaum - United Illuminating Co. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Wright - San Diego Gas & Electric - 3 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6

Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	**Region(s)**
MRO	MRO

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - Emily Rousseau - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

We agree with the proposed changes, but suggest to also change the definition in the Functional Model to achieve total consistency.

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: No

Answer Comment:

The grammar of this definition does not appear to be correct. Seminole suggest "The entity that operates **a** generating Facility(ies) and performs the function of supplying energy and interconnected Operations Services."

Document Name:

Likes: 0

Dislikes: 0

John Seelke - PSEG - 1,2,5,6 - NPCC,RFC

Group Information

Group Name: PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5

Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Voter Information

Voter	Segment
John Seelke	1,2,5,6
Entity	**Region(s)**
PSEG	NPCC,RFC

Selected Answer: No

Answer Comment:

The comments below apply to both Term 17 (GOP) and Term 18 (GO)

The SDT proposes to change "generating unit(s)" to "generating Facility(ies)" in the NERC Glossary definitions for Generator Owner (GO) and Generator Operator (GOP). The NERC Glossary term "Facility" means "a set of electrical equipment that operates as a single Bulk Electric System Element (e.g., a line, a generator, a shunt compensator, transformer, etc.)."

While NERC has adopted new GO and GOP definitions for registration purposes, that action did not impact any GO or GOP registrations. However, extending those changes to the NERC Glossary will mean that the new definitions will apply to every existing and future Reliability Standards wherever "Generator Owner" and "Generator Operator" appears.

As discussed below, the proposed definition changes may have unintended consequences for all GOs and GOPs. Therefore, PSEG is voting "Negative" until the SDT provides answers to the questions below.

1. For Inclusion I4 dispersed power producing resources (as defined in the Bulk Electric System definition), are busses and step-up transformers at points that aggregate less than 75 MVA of the output included in the "set of electrical equipment" needed to operate those resources? Please explain. If "yes," may current or future Reliability Standards apply to such collector buses and step-up transformers if the NERC Glossary terms for GO and GOP are changed as proposed?
2. Are "generator interconnection Facilities" included in the "set of electrical equipment" needed to operate all generating Facilities? Please explain. If "yes," may current or future Reliability Standards apply to such generator interconnection Facilities if the NERC Glossary terms for GO and GOP are changed as proposed? Background for this question and one follow-up question on this topic are provided below:
    - Background: This term "generator interconnection facility" is defined Order No. 785 – see Paragraph 37. In Project 2010-07 (Generator

Requirements at the Transmission Interface), that project's team considered, but decided against, creating a definition for NERC Glossary term for "generator interconnection Facilities" – see Paragraph 36 – or redefining the meaning of "Generator Owner" and Generator Operator" to include generator interconnection Facilities as recommended by the prior Ad Hoc Group Report referenced in Paragraph 6 of Order No. 785.

- Follow-up question: This Project 2015-04 team is encouraged to review Order No. 785 from this perspective of GOs and GOPs that may be currently also registered as TOs and TOPs because of their operation and ownership of generation interconnection Facilities. If the definitions of GO and GOP are amended as proposed, will such entities be subject to double jeopardy as a result of two registrations addressing the same facilities? See Paragraphs 41-53 and Paragraphs 54-57 in Order No. 785. This includes Cedar Creek and Harquahala. See Paragraphs 4-6 and Paragraph 54 in Order No. 785.

3. For all non-CIP NERC standards, will the proposed changes to the GO and GOP definitions expand the scope of "electrical equipment" needed to operate a BES generator to include non-electrical plant equipment and facilities such as boilers, turbines and the fuel/motive and cooling systems for them; all balance-of-plant and generator lubrication and cooling systems; plant building and site safety and security systems; plant emissions and discharge systems, monitoring and control systems other than a generator's AVR, PSS, and governor.

Document Name:

Likes: 3 PSEG - Public Service Electric and Gas Co., 3, Mueller Jeffrey
PSEG - PSEG Fossil LLC, 5, Kucey Tim
PSEG - PSEG Energy Resources and Trade LLC, 6, Jara Karla

Dislikes: 0

Amy Casuscelli - Xcel Energy, Inc. - 1,3,5,6 - MRO,WECC,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 PSEG, 1,2,5,6, Seelke John

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rob Collins - Rob Collins On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co., 1, 6, 5, 3

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3

Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5

Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity	Region(s)
Dominion - Dominion Resources, Inc.	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity **Region(s)**

Dominion - Dominion Resources, Inc.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1

David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	**Region(s)**
Northeast Power Coordinating Council	NPCC

Selected Answer: No

Answer Comment:

Considering the definition of Facility listed in the Glossary, a TOP operating a synchronous condenser or shunt compensator, which generates Mvars, could potentially qualify as operating a “generating Facility”. Would the TOP therefore be under an obligation to register as a GOP? Even though Footnote 3 on page 6 preceding mentions that “the clarity and content of the current definition could be improved”, and a SAR will be drafted, this should be taken care of now under this project.

Document Name:

Likes: 3 Hydro-Qu?bec TransEnergie, 1, Phan Si Truc
Si Truc Phan, N/A, Phan Si Truc
Hydro-Qu?bec TransEnergie, 1, Boisvert Martin
paquet manon On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5,

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Matthew Beilfuss - WEC Energy Group, Inc. - 3,4,5,6 - MRO,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition. We also think the addition of "electrical" prior to "energy" would add further clarity to the Generator Operator definition. If added, it should be capitalized as "Electrical Energy" since this term is also in the Glossary.

In reviewing the Generator Operator definition, we observed that the definition of "Interconnected Operations Service" (IOS) in the Glossary is vague. The IOS definition (also being addressed by this project as Term 24) appears to have been taken from a NERC reference document that was developed in 2001 and filed with FERC under docket No. RM01-12, Electricity Market Design and Structure. To the extent that there are any IOS that are not performed by the Generator Operator in the market constructs of 2015, the definition may be overstating the functions supplied by the Generator Operator.

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Dennis Chastain - -

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

We also think the addition of "electrical" prior to "energy" would add further clarity to the Generator Operator definition. If added, it should be capitalized as "Electrical Energy" since this term is also in the Glossary.

In reviewing the Generator Operator definition, we observed that the definition of "Interconnected Operations Service" (IOS) in the Glossary is vague. The IOS definition (also being addressed by this project as Term 24) appears to have been taken from a NERC reference document that was developed in 2001 and filed with FERC under docket No. RM01-12, Electricity Market Design and Structure. To the extent that there are any IOS that are not performed by the Generator Operator in the market constructs of 2015, the definition may be overstating the functions supplied by the Generator Operator.

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer: Yes

Answer Comment:

There needs to be total consistency between all fundamental documents within NERC. Thus, while ISO New England does not disagree with the proposed changes, it recommends that the SDT take this opportunity to also synchronize this definition with the Functional Model.

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

We support the Comments Submitted by the Southwest Power Pool.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:
See our comments on the last question.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:
See comments from SPP Standards Review Group.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Steven Rueckert - Western Electricity Coordinating Council - 10 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Si Truc Phan - Hydro-Qu?bec TransEnergie - 1 - NPCC

Selected Answer: No

Answer Comment:

Considering the definition of Facility listed in the Glossary, a TOP operating a

synchronous condenser or shunt compensator, which generates Mvars, could potentially

qualify as operating a “generating Facility”. Would the TOP therefore be under an

obligation to register as a GOP? Even though Footnote 3 on page 6 preceding mentions

that “the clarity and content of the current definition could be improved”, and a SAR will

be drafted, this should be taken care of now under this project.

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Si Truc Phan - Si Truc Phan - -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

The SRC has previously commented that there needs to be total consistency between all fundamental documents within NERC. Thus, while it does not disagree with the proposed changes, it recommends that the SDT take this opportunity to also synchronize this definition with the Functional Model.

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Comments provided in attached file.

Document Name: Project_2015-04_Unofficial_Comment_Form_SRC_072615.docx

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: No

Answer Comment:

Generator Operator: The entity that operates generating Facility(ies) and performs the functions of supplying energy and Interconnected Operations Services.

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: No

Answer Comment:

Generator Operator: The entity that operates generating Facility(ies) and performs the functions of supplying energy and Interconnected Operations Services.

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: No

Answer Comment:

Generator Operator: The entity that operates generating Facility(ies) and performs the functions of supplying energy and Interconnected Operations Services.

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: No

Answer Comment:

Generator Operator: The entity that operates generating Facility(ies) and performs the functions of supplying energy and Interconnected Operations Services.

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: No

Answer Comment:
Use Facility(ies) instead of untis.

Document Name:

Likes: 0

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

FEUS agrees with the term but recongnizes it also used in the NERC Funcional Model. The NERC Functional Model should be modified to alighn with the Glossary of Terms.

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dan Wilson - PPL Electric Utilities Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

FEUS agrees with the term but recongnizes it also used in the NERC Funcional Model. The NERC Functional Model should be modified to alighn with the Glossary of Terms.

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

FEUS agrees with the term but recongnizes it also used in the NERC Funcional Model. The NERC Functional Model should be modified to
alighn with the Glossary of Terms.

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: No

Answer Comment:

Inconsistent approach is used for referencing defined terms with differnent suffixes. For defined term "Facility", sometimes referenced as "Facilities" and other times "Facility(ies)".

Note that this inconsistency extends to multiple Glossary of Terms definitions that are not currently addressed in this project.

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yuguang Xiao - Manitoba Hydro - 5 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter	Segment
Chris Scanlon	1
Entity	**Region(s)**
Exelon	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Martin Boisvert - Hydro-Qu?bec TransEnergie - 1 -

Selected Answer: No

Answer Comment:
See comments from NPCC--Project 2015-04

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: No

Answer Comment:

Reclamation does not agree with the drafting team's proposed incorporation of the term "Facilities" into the NERC Glossary definitions of Generator Operator and Generator Owner. As noted by the drafting team, the definition of "Facilities" is ambiguous and in need of revision. Reclamation recommends that the terms Generator Operator and Generator Owner be placed in Category 2 and remain unchanged until the definition of Facility is improved so the impacts of the change in definition can be better understood.

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: No

Answer Comment:

Reclamation does not agree with the drafting team's proposed incorporation of the term "Facilities" into the NERC Glossary definitions of Generator Operator and Generator Owner. As noted by the drafting team, the definition of "Facilities" is ambiguous and in need of revision. Reclamation recommends that the terms Generator Operator and Generator Owner be placed in Category 2 and remain unchanged until the definition of Facility is improved so the impacts of the change in definition can be better understood.

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

Voter Information

Voter	Segment
Jason Smith	2

Entity	Region(s)
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: Yes

Answer Comment:

We would like to see phase 2 of this project add language to this definition such as: “Not to be confused with the actual operating personnel running the generating Facility(ies)”. The intent being to clarify that the reference is to the “function” and not the “personnel”.

Document Name:

Likes: 0

Dislikes: 0

---

manon paquet - manon paquet On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5

Selected Answer: No

Answer Comment:

Considering the definition of Facility given in the Glossary, a TOP operating a synchronous condenser or a shunt compensator, which generates Mvars, could potentially qualify as operating a “generating Facility”, therefore being under the obligation to register as a GOP?

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Group Information

Group Name: ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5

Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6
Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Voter Information

Voter

Ben Engelby

Segment

6

Entity

ACES Power Marketing

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michelle D'Antuono - Oxy - Ingleside Cogeneration LP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Although we are in agreement with the alignment of terms with the ROP, we feel the term "Facilities" is too general or ambiguous when related to generation.

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - Andy Bolivar - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: No

Answer Comment:
Agree with PSEG comments.

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Although we are in agreement with the alignment of terms with the ROP, we feel the term "Facilities" is too general or ambiguous when related to generation.

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC

Selected Answer: Yes

Answer Comment:

Although we are in agreement with the alignment of terms with the ROP, we feel the term "Facilities" is too general or ambiguous when related to generation.

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Bernard Johnson - Oglethorpe Power Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter

Colby Bellville

Segment

1,3,5,6

Entity

Duke Energy

Region(s)

FRCC,SERC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Colby Bellville - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Andrea Jessup - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Canadian Electricity Association - NA - Not Applicable - NA - Not Applicable

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Patrick Brown - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

7. Term 18: Generator Owner - See Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathy Caignon - City of Vineland - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jonathan Appelbaum - United Illuminating Co. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Wright - San Diego Gas & Electric - 3 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6

Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	**Region(s)**
MRO	MRO

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - Emily Rousseau - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

We agree with the proposed changes, but suggest to also change the definition in the Functional Model to achieve total consistency.

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: No

Answer Comment:

The grammar of this definition does not appear to be correct. Seminole suggests "Entity that owns and maintains **a** generating Facility(ies)."

Document Name:

Likes: 0

Dislikes: 0

John Seelke - PSEG - 1,2,5,6 - NPCC,RFC

Group Information

Group Name: PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Voter Information

Voter	Segment
John Seelke	1,2,5,6
Entity	**Region(s)**
PSEG	NPCC,RFC

Selected Answer: No

Answer Comment:

See comments provided for Term 18 previously.

Document Name:

Likes: 2 PSEG - Public Service Electric and Gas Co., 3, Mueller Jeffrey
PSEG - PSEG Energy Resources and Trade LLC, 6, Jara Karla

Dislikes: 0

Amy Casuscelli - Xcel Energy, Inc. - 1,3,5,6 - MRO,WECC,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rob Collins - Rob Collins On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co., 1, 6, 5, 3

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3

Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5

Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6
Entity	**Region(s)**
Dominion - Dominion Resources, Inc.	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity **Region(s)**

Dominion - Dominion Resources, Inc.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1

David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	**Region(s)**
Northeast Power Coordinating Council	NPCC

Selected Answer: No

Answer Comment:

Considering the definition of Facility given in the Glossary, a TO owning a synchronous condenser or shunt compensator, which generates Mvars, could potentially qualify as owning a “generating Facility”. Would the TO, therefore, be under an obligation to register as a GO? Even though Footnote 4 on page 7 preceding mentions that “the clarity and content of the current definition could be improved”, and a SAR will be drafted, this should be taken care of now under this project.

Document Name:

Likes: 3 Hydro-Qu?bec TransEnergie, 1, Phan Si Truc
Si Truc Phan, N/A, Phan Si Truc
Hydro-Qu?bec TransEnergie, 1, Boisvert Martin
paquet manon On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5,

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Matthew Beilfuss - WEC Energy Group, Inc. - 3,4,5,6 - MRO,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

For form consistency with the Generator Operator definition and other registered entity type definitions in the Glossary, we recommend starting the definition with "The entity that..." rather than "Entity that…".

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Dennis Chastain - -

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

For form consistency with the Generator Operator definition and other registered entity type definitions in the Glossary, we recommend starting the definition with "The entity that..." rather than "Entity that…".

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

We support the Comments Submitted by the Southwest Power Pool.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:
See our comments on the last question.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Steven Rueckert - Western Electricity Coordinating Council - 10 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Si Truc Phan - Hydro-Qu?bec TransEnergie - 1 - NPCC

Selected Answer: No

Answer Comment:

Considering the definition of Facility given in the Glossary, a TO owning a

synchronous condenser or shunt compensator, which generates Mvars, could potentially

qualify as owning a “generating Facility”. Would the TO, therefore, be under an obligation

to register as a GO? Even though Footnote 4 on page 7 preceding mentions that “the

clarity and content of the current definition could be improved”, and a SAR will be drafted,

this should be taken care of now under this project.

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Si Truc Phan - Si Truc Phan - -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

The SRC has previously commented that there needs to be total consistency between all fundamental documents within NERC. Thus, while it does not disagree with the proposed changes, it recommends that the SDT take this opportunity to also synchronize this definition with the Functional Model.

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Comments provided in attached file.

Document Name: Project_2015-04_Unofficial_Comment_Form_SRC_072615.docx

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: No

Answer Comment:

Generator Owner: Entity that owns and maintains generating Facility(ies)

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: No

Answer Comment:

Generator Owner: Entity that owns and maintains generating Facility(ies)

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: No

Answer Comment:

Generator Owner: Entity that owns and maintains generating Facility(ies).

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: No

Answer Comment:

Generator Owner: Entity that owns and maintains generating Facility(ies).

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: No

Answer Comment:
Use Facility(ies) instead of untis.

Document Name:

Likes: 0

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer:

Answer Comment:

FEUS agrees with the term but recongnizes it also used in the NERC Funcional Model. The NERC Functional Model should be modified to alighn with the Glossary of Terms.

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dan Wilson - PPL Electric Utilities Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

FEUS agrees with the term but recongnizes it also used in the NERC Funcional Model. The NERC Functional Model should be modified to
alighn with the Glossary of Terms.

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: No

Answer Comment:

Inconsistent approach is used for referencing defined terms with differnent suffixes. For defined term "Facility", sometimes referenced as "Facilities" and other times "Facility(ies)".

Note that this inconsistency extends to multiple Glossary of Terms definitions that are not currently addressed in this project.

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yuguang Xiao - Manitoba Hydro - 5 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter	Segment
Chris Scanlon	1
Entity	**Region(s)**
Exelon	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Martin Boisvert - Hydro-Qu?bec TransEnergie - 1 -

Selected Answer: No

Answer Comment:
See comments from NPCC--Project 2015-04

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: No

Answer Comment:

Reclamation does not agree with the drafting team's proposed incorporation of the term "Facilities" into the NERC Glossary definitions of Generator Operator and Generator Owner. As noted by the drafting team, the definition of "Facilities" is ambiguous and in need of revision. Reclamation recommends that the terms Generator Operator and Generator Owner be placed in Category 2 and remain unchanged until the definition of Facility is improved so the impacts of the change in definition can be better understood.

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: No

Answer Comment:

Reclamation does not agree with the drafting team's proposed incorporation of the term "Facilities" into the NERC Glossary definitions of Generator Operator and Generator Owner. As noted by the drafting team, the definition of "Facilities" is ambiguous and in need of revision. Reclamation recommends that the terms Generator Operator and Generator Owner be placed in Category 2 and remain unchanged until the definition of Facility is improved so the impacts of the change in definition can be better understood.

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

Voter Information

Voter	Segment
Jason Smith	2

Entity	Region(s)
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

---

manon paquet - manon paquet On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5

Selected Answer: No

Answer Comment:

Considering the definition of Facility given in the Glossary, a TO owning a synchronous condenser or a shunt compensator, which generates Mvars, could potentially qualify as owning a "generating Facility", therefore being under the obligation to register as a GO?

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Group Information

Group Name: ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5

Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6
Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Voter Information

Voter

Ben Engelby

Segment

6

Entity

ACES Power Marketing

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michelle D'Antuono - Oxy - Ingleside Cogeneration LP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Although we are in agreement with the alignment of terms with the ROP, we feel the term "Facilities" is too general or ambiguous when related to generation.

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - Andy Bolivar - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: No

Answer Comment:
Agree with PSEG comments.

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Although we are in agreement with the alignment of terms with the ROP, we feel the term "Facilities" is too general or ambiguous when related to generation.

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC

Selected Answer: Yes

Answer Comment:

Although we are in agreement with the alignment of terms with the ROP, we feel the term "Facilities" is too general or ambiguous when related to generation.

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Bernard Johnson - Oglethorpe Power Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter

Colby Bellville

Segment

1,3,5,6

Entity

Duke Energy

Region(s)

FRCC,SERC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Colby Bellville - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Andrea Jessup - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Canadian Electricity Association - NA - Not Applicable - NA - Not Applicable

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Patrick Brown - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

8. Term 20: Interchange Authority - See Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathy Caignon - City of Vineland - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jonathan Appelbaum - United Illuminating Co. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Wright - San Diego Gas & Electric - 3 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6

Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	**Region(s)**
MRO	MRO

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - Emily Rousseau - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

While we agree with adding the word "the" to the definition, the definition itself is not consistent with that in the Functional Model.

We commented on the SAR to suggest that there needs to be total consistency between all fundamental documents within NERC. We therefore suggest the SDT to revise the Functional Model, or to adopt the definition provided in the Functional Model in the NERC Glossary and the RoP.

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Seelke - PSEG - 1,2,5,6 - NPCC,RFC

Group Information

Group Name: PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Voter Information

Voter

John Seelke

Segment

1,2,5,6

Entity

PSEG

Region(s)

NPCC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Xcel Energy, Inc. - 1,3,5,6 - MRO,WECC,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rob Collins - Rob Collins On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co., 1, 6, 5, 3

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3

Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5

Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity	Region(s)
Dominion - Dominion Resources, Inc.	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity **Region(s)**

Dominion - Dominion Resources, Inc.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1

David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	**Region(s)**
Northeast Power Coordinating Council	NPCC

Selected Answer: No

Answer Comment:

Regarding communication, suggest revising the definition to read:

The responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures the communication of Interchange information for reliability assessment purposes.

“Interchange Coordinator” would be more a more consistent title to be used with the definition. A “Coordinator” can authorize. We recognize that this is a substantive change that must be addressed.

Document Name:

Likes: 2 Hydro-Qu?bec TransEnergie, 1, Phan Si Truc
Si Truc Phan, N/A, Phan Si Truc
paquet manon On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5,

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Matthew Beilfuss - WEC Energy Group, Inc. - 3,4,5,6 - MRO,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

For form consistency with other entity type definitions contained in the Glossary, we recommend starting the definition with "The entity that..." rather than "The responsible entity that…". It is unclear if the Interchange Authority definition needs to remain in the Glossary given NERC actions taken earlier this year to remove Interchange Authorities from the NERC Compliance Registry. However, we recognize that removal of the term from the Glossary may be beyond the scope of this project.

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Dennis Chastain - -

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

For form consistency with other entity type definitions contained in the Glossary, we recommend starting the definition with "The entity that..." rather than "The responsible entity that…". It is unclear if the Interchange Authority definition needs to remain in the Glossary given NERC actions taken earlier this year to remove Interchange Authorities from the NERC Compliance Registry. However, we recognize that removal of the term from the Glossary may be beyond the scope of this project.

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: No

Answer Comment:
This terms should be retired as its no longer a registered function.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

We support the Comments Submitted by the Southwest Power Pool.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:
See our comments on the last question.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Steven Rueckert - Western Electricity Coordinating Council - 10 -

Selected Answer: Yes

Answer Comment:

I agree with the revisions, but question the need for the term. FERC recently approved deregistration of all PSE and IA entities. Was there any thought given to deleting the term rather than modifying it?

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Si Truc Phan - Hydro-Qu?bec TransEnergie - 1 - NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Si Truc Phan - Si Truc Phan - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

The SRC has previously commented that there needs to be total consistency between all fundamental documents within NERC. Thus, while it does not disagree with the proposed changes, it recommends that the SDT take this opportunity to also synchronize this definition with the Functional Model.

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Comments provided in attached file.

Document Name: Project_2015-04_Unofficial_Comment_Form_SRC_072615.docx

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: No

Answer Comment:

The NERC Functional Model changed the Interchange Authority to Interchange Coordinator noting it better reflects the nature of the entity. Additionally, the NERC Functional Model defines the Interchange Coordinator as "The functional entity that ensures communication of Arranged Interchange for reliability evaluation purposes and coordinates implementation of valid and balanced Confirmed Interchange between Balancing Authority Areas." FEUS recommends ensuring the Functional Model, RoP, and Glossary are all in alignment.

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dan Wilson - PPL Electric Utilities Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: No

Answer Comment:

The NERC Functional Model changed the Interchange Authority to Interchange Coordinator noting it better reflects the nature of the entity.
Additionally, the NERC Functional Model defines the Interchange Coordinator as "The functional entity that ensures communication of Arranged Interchange for reliability evaluation purposes and coordinates implementation of valid and balanced Confirmed Interchange between Balancing Authority Areas." FEUS recommends ensuring the Functional Model, RoP, and Glossary are all in alignment.

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: No

Answer Comment:

The NERC Functional Model changed the Interchange Authority to Interchange Coordinator noting it better reflects the nature of the entity.
Additionally, the NERC Functional Model defines the Interchange Coordinator as "The functional entity that ensures communication of Arranged Interchange for reliability evaluation purposes and coordinates implementation of valid and balanced Confirmed Interchange between Balancing Authority Areas." FEUS recommends ensuring the Functional Model, RoP, and Glossary are all in alignment.

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yuguang Xiao - Manitoba Hydro - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter	Segment
Chris Scanlon	1
Entity	**Region(s)**
Exelon	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Martin Boisvert - Hydro-Qu?bec TransEnergie - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1

Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

Voter Information

Voter	Segment
Jason Smith	2
Entity	**Region(s)**
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

manon paquet - manon paquet On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Group Information

Group Name: ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6
Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Voter Information

Voter

Ben Engelby

Segment

6

Entity

ACES Power Marketing

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michelle D'Antuono - Oxy - Ingleside Cogeneration LP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - Andy Bolivar - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Is the IA definition still needed if the risk-based registration project did away with it?

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Bernard Johnson - Oglethorpe Power Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter

Colby Bellville

Segment

1,3,5,6

Entity

Duke Energy

Region(s)

FRCC,SERC,RFC

Selected Answer: Yes

Answer Comment:

While Duke Energy agrees that the proposed alignment appears correct, we seek justification on the necessity of aligning this term since FERC has approved the removal of Interchange Authority from the Compliance Registry.

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Colby Bellville - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

While Duke Energy agrees that the proposed alignment appears correct, we seek justification on the necessity of aligning this term since FERC has approved the removal of Interchange Authority from the Compliance Registry.

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Andrea Jessup - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Canadian Electricity Association - NA - Not Applicable - NA - Not Applicable

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Patrick Brown - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

9. Term 24: Interconnected Operations Service - See Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathy Caignon - City of Vineland - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jonathan Appelbaum - United Illuminating Co. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Wright - San Diego Gas & Electric - 3 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	**Region(s)**
MRO	MRO

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - Emily Rousseau - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Seelke - PSEG - 1,2,5,6 - NPCC,RFC

Group Information

Group Name: PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Voter Information

Voter

John Seelke

Segment

1,2,5,6

Entity

PSEG

Region(s)

NPCC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Xcel Energy, Inc. - 1,3,5,6 - MRO,WECC,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rob Collins - Rob Collins On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co., 1, 6, 5, 3

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3

Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5

Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6
Entity	**Region(s)**
Dominion - Dominion Resources, Inc.	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity **Region(s)**

Dominion - Dominion Resources, Inc.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1

David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	**Region(s)**
Northeast Power Coordinating Council	NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 paquet manon On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5,

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Matthew Beilfuss - WEC Energy Group, Inc. - 3,4,5,6 - MRO,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

The IOS definition appears to have been taken from a NERC reference document that was developed in 2001 and filed with FERC under docket No. RM01-12, Electricity Market Design and Structure. It is a vague definition, and since it is used in the definition of Generator Operator, also impacts that definition. We suggest the SDT consider drafting a SAR to improve the clarity and content of the IOS definition.

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Dennis Chastain - -

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

The IOS definition appears to have been taken from a NERC reference document that was developed in 2001 and filed with FERC under docket No. RM01-12, Electricity Market Design and Structure. It is a vague definition, and since it is used in the definition of Generator Operator, also impacts that definition. We suggest the SDT consider drafting a SAR to improve the clarity and content of the IOS definition.

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

We support the Comments Submitted by the Southwest Power Pool.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:
See our comments on the last question.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:
See comments from SPP Standards Review Group.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Steven Rueckert - Western Electricity Coordinating Council - 10 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Si Truc Phan - Hydro-Qu?bec TransEnergie - 1 - NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Si Truc Phan - Si Truc Phan - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Comments provided in the attached file.

Document Name: Project_2015-04_Unofficial_Comment_Form_SRC_072615.docx

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dan Wilson - PPL Electric Utilities Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yuguang Xiao - Manitoba Hydro - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter	Segment
Chris Scanlon	1
Entity	**Region(s)**
Exelon	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Martin Boisvert - Hydro-Qu?bec TransEnergie - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1

Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

Voter Information

Voter	Segment
Jason Smith	2
Entity	**Region(s)**
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: Yes

Answer Comment:

We agree with the alignment. However either here or in phase 2, the reference to "interconnected Bulk Electric Systems" seems confusing. Is the service referring to "multiple" Bulk Electric Systems within an interconnection or is there only "one" Bulk Electric System in the interconnection? Or is it one Bulk Electric System with multiple interconnections? Perhaps the definition should refer to "…Reliable Operation of the interconnected Bulk Electric System." Please review.

Document Name:

Likes: 0

Dislikes: 0

manon paquet - manon paquet On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Group Information

Group Name: ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6
Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Voter Information

Voter

Ben Engelby

Segment

6

Entity

ACES Power Marketing

Region(s)

Selected Answer: No

Answer Comment:

This term should either end with “an Interconnection” or “the Bulk Electric System” (singular). This alignment should be made to the ROP as well.

Also, Transmission Services by NERC definition, implies ancillary services are included since it involves “services…to move energy from a Point of Receipt to a Point of Delivery.” The FERC pro forma tariff requires a number of ancillary services including reactive supply, voltage control imbalance, regulation, frequency response, and operating reserve, which may be required “to move energy from a Point of Receipt to a Point of Delivery.” Thus, by capitalizing Transmission Service, the definition changes the meaning of Interconnected Operations Service, and may change the meaning by excluding all Ancillary Services. The application of the requirements that use this term may also be altered.

Document Name:

Likes: 0

Dislikes: 0

Michelle D'Antuono - Oxy - Ingleside Cogeneration LP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - Andy Bolivar - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Bernard Johnson - Oglethorpe Power Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter

Colby Bellville

Segment

1,3,5,6

Entity

Duke Energy

Region(s)

FRCC,SERC,RFC

Selected Answer: Yes

Answer Comment:

Duke Energy suggests replacing "interconnected Bulk Electric System" with "the Bulk-Power System". The NERC-defined term "Reliable Operation" includes Bulk-Power System in the definition, and we believe using the NERC-defined term "Bulk-Power System" is a better way to state "interconnected Bulk Electric Systems" since the definition of Bulk-Power System includes:

"A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof);"

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Colby Bellville - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Duke Energy suggests replacing “interconnected Bulk Electric System” with “the Bulk-Power System”. The NERC-defined term “Reliable Operation” includes Bulk-Power System in the definition, and we believe using the NERC-defined term “Bulk-Power System” is a better way to state “interconnected Bulk Electric Systems” since the definition of Bulk-Power System includes:

“A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof);”

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Andrea Jessup - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Canadian Electricity Association - NA - Not Applicable - NA - Not Applicable

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Patrick Brown - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

10. Term 25: Interconnection - See Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathy Caignon - City of Vineland - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jonathan Appelbaum - United Illuminating Co. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Wright - San Diego Gas & Electric - 3 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	**Region(s)**
MRO	MRO

Selected Answer: No

Answer Comment:

Recommend that this term be moved to Phase 2 so that the SDT can work on improving the definition. By stating a *geographic area* within the proposed definition, it implies that all Standards that are used within an Inteconnection would be applied to any system that has separated from other schornized entities (has islanded themselves). All BA standards would then need to be enforced. This will increase the islanded enity's risk of complying with all Interconnection Requirements if they do become islanded.

With the use of *Bulk Power System* and *to maintain Reliable Operation of the Facilities* in the same sentence, the Project Team is sending mixed signals. The term "Facility" is directly related to the BES definition where the Bulk Power System incluses the distribution of energy to end use customers, mostly outside the scope of the NERC Reliability Standards.

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - Emily Rousseau - -

Error: Subreport could not be shown.

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: No

Answer Comment:

We agree with the first part of the proposed addition to clarify the synchronized operation condition but not the qualifier on the reliable operation part, which is the fundamental objective of the Reliability Standards but not required to describe an Interconnection. We therefore suggest the definition be stated as:

A geographic area in which the operation of Bulk Power System components is synchronized. When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Seelke - PSEG - 1,2,5,6 - NPCC,RFC

Group Information

Group Name: PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Voter Information

Voter

John Seelke

Segment

1,2,5,6

Entity

PSEG

Region(s)

NPCC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Xcel Energy, Inc. - 1,3,5,6 - MRO,WECC,SPP

Selected Answer: No

Answer Comment:

Within an Interconnection, Elements and resources may be operated asynchrounously as well. We propose:

"The System of Bulk Power System components that are operated asynchronously to other Systems of Bulk Power System components."

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: No

Answer Comment:

Within an Interconnection, Elements and resources may be operated asynchrounously as well. We propose: The System of Bulk Power System components that are operated asynchrounously to other Systems of Bulk Power System components.

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: No

Answer Comment:

Within an Interconnection, Elements and resources may be operated asynchrounously as well. We propose [the System of Bulk Power System components that are operated asynchronously to other Systems of Bulk Power System components].

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: No

Answer Comment:

Within an Interconnection, Elements and resources may be operated asynchrounously as well. We propose: the System of Bulk Power System components that are operated asynchronously to other Systems of Bulk Power System components.

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rob Collins - Rob Collins On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co., 1, 6, 5, 3

Selected Answer: No

Answer Comment:

For Phase 1, Vectren proposes not to align the ROP and the NERC Glossary definition of Interconnection since Bulk Power System components can be asynchronous. We also propose not specifying in the definition, 'When capitalized'.

Vectren would like to include this term in Phase 2 so the SDT can create a more appropriate definition.

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5

Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6

Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6
Entity	**Region(s)**
Dominion - Dominion Resources, Inc.	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1

Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	**Region(s)**
Northeast Power Coordinating Council	NPCC

Selected Answer: No

Answer Comment:

The Glossary definition should align with the RoP; however, “system” should be changed to “Bulk Power System”:

“Interconnection” means a geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system Bulk Power System to maintain Reliable Operation of the Facilities within their control...

Concerned with the phrasing “When capitalized…” When defined terms are used in Reliability Standards, they are capitalized as an indication that the term is defined in the Glossary of Terms. By utilizing the caveat that the definition is specific “when capitalized” it could only ever be defined as “…any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec” in a Reliability Standard. Otherwise it would not be capitalized and therefore an undefined term in the Reliability Standard. Suggest removing “When capitalized” and identify specifically or rely on context when the four major electric system networks in North America are intended.

We agree with the first part of the proposed addition to clarify the synchronized operation as a defining characteristic of an Interconnection, but do not support the additional qualifiers regarding failures and reliable operation. The additional language could be read as creating one all-inclusive interconnection because, for example, the failure of one component in the Quebec Interconnection may have adverse effects in the Eastern Interconnection.

Document Name:

Likes: 2 Hydro-Qu?bec TransEnergie, 1, Phan Si Truc
Si Truc Phan, N/A, Phan Si Truc
paquet manon On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5,

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: No

Answer Comment:

This is a disjointed definition which makes little or no sense and needs to either be completely rewritten or dropped from the glossary altogether

The final phrase/sentence is just kind of hanging out there..

Document Name:

Likes: 0

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: No

Answer Comment:

This is a disjointed definition which makes little or no sense and needs to either be completely rewritten or dropped from the glossary altogether.

The final phrase/semtence is just kind of hanging out there.

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Matthew Beilfuss - WEC Energy Group, Inc. - 3,4,5,6 - MRO,RFC

Selected Answer: No

Answer Comment:

The proposed change adds complexity to the term's definition, which may have a significant impact on other references to the term within the glossary. As an example, temporarily islanded areas would meet the definition of an Interconnection, which does not meet the intent of the term or its common usage. The simple definition pending FERC approval is preferable.

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Dennis Chastain - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: No

Answer Comment:

We recommend removing the quotes around “wires” as it seems odd to have quotes in a definition. Also, Is the DP definition still needed if the risk-based registration project did away with it?

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: No

Answer Comment:

We support the Comments Submitted by the Southwest Power Pool.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:
See our comments on the last question.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: No

Answer Comment:
See comments from SPP Standards Review Group.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: No

Answer Comment:
See comments from SPP Standards Review Group.

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer: No

Answer Comment:

Recommend that this term be moved to Phase 2 so that the SDT can work on improving the definition. By stating a *geographic area* within the proposed definition, it implies that all Standards that are used within an Inteconnection would be applied to any system that has separated from other schornized entities (has islanded themselves). All BA standards would then need to be enforced. This will increase the islanded enity's risk of complying with all Interconnection Requirements if they do become islanded.

With the use of *Bulk Power System* and *to maintain Reliable Operation of the Facilities* in the same sentence, the Project Team is sending mixed signals. The term "Facility" is directly related to the BES definition where the Bulk Power System incluses the distribution of energy to end use customers, mostly outside the scope of the NERC Reliability Standards.

Document Name:

Likes: 0

Dislikes: 0

Steven Rueckert - Western Electricity Coordinating Council - 10 -

Selected Answer: Yes

Answer Comment:

I voted affirmative for the definition, but wonder why the words "such that failure of one or more of such components may adversely affect the ability of the operations of other components within the system to maintain Reliable Operation of the Facilities within their control" are needed after "synchronized".While this is a true statement there are facilities within each interconnection that probably don't affect the ability of the operations of other components but they are still within the interconnection. It seems like just stopping after "synchronized" and then including the second sentence would suffice.

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Si Truc Phan - Hydro-Qu?bec TransEnergie - 1 - NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Si Truc Phan - Si Truc Phan - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: No

Answer Comment:
Reference the group comments - Colorado Springs Utilities

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter
christina bigelow

Segment
2

Entity
Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: No

Answer Comment:

The SRC agrees with the first part of the proposed addition to clarify the synchronized operation as a defining characteristic of an Interconnection, but does not support the additional qualifiers regarding failures and reliable operation. These qualifiers are not essential to the definition of an Interconnection. It further suggests that, following consideration of the proposed modifications to the definition of Bulk Power System, use of the term Bulk Electric System is more appropriate. The SRC therefore suggests the definition be stated as:

A defined geographic area within which the operation of Bulk Electric System components is synchronized. When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.

To the extent that the SDT views this recommendation as a substantive change to the definitions, the SRC would request that this revision be addressed the later, proposed phases of this project or as noted below as part of specific standard revision processes.

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: No

Answer Comment:

Comments provided in the attached file.

Document Name: Project_2015-04_Unofficial_Comment_Form_SRC_072615.docx

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: No

Answer Comment:

Reference the group comments - Colorado Springs Utilities

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dan Wilson - PPL Electric Utilities Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: No

Answer Comment:

Inconsistent approach is used for referencing defined terms with differnent suffixes. For defined term "Facility", sometimes referenced as "Facilities" and other times "Facility(ies)".

Note that this inconsistency extends to multiple Glossary of Terms definitions that are not currently addressed in this project.

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: No

Answer Comment:

Austin Energy (AE) suggests removing “such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control” and changing “Bulk Power System” to “Bulk Electric System.” AE believes the qualifier is not appropriateand the term BPS provides issues for entities outside the US.

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: No

Answer Comment:

Austin Energy (AE) suggests removing “such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control” and changing “Bulk Power System” to “Bulk Electric System.” AE believes the qualifier is not appropriate and the term BPS provides issues for entities outside the U.S.

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yuguang Xiao - Manitoba Hydro - 5 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter	Segment
Chris Scanlon	1
Entity	**Region(s)**
Exelon	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Martin Boisvert - Hydro-Qu?bec TransEnergie - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1

Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

Voter Information

Voter	Segment
Jason Smith	2
Entity	**Region(s)**
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: No

Answer Comment:

We feel that there is an inconsistent use of the terms Bulk Electric System and Bulk Power System throughout the defintions in the Glossary and ROP. There is a concern that use of Bulk Power System in the definition of Interconnection could lead to increased scope in some cases. Effectively canceling out the work done to clarify the scope through the Bulk Electric System definition work.

There is also confusion created now due to the added text in that there seems to be two cases of use of the term: capitalized and non-capitalized. However since this is a defined term, in order to link the word to the definition, it must be capitalized. Use of the non-capitalized term means that the use is not linked to the definition as stated. To increase clarity, removal of the phrase“when capitalized” should be investigated

Document Name:

Likes: 0

Dislikes: 0

manon paquet - manon paquet On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Group Information

Group Name: ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6
Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Voter Information

Voter

Ben Engelby

Segment

6

Entity

ACES Power Marketing

Region(s)

Selected Answer: No

Answer Comment:

While we are not opposed to the concept of the definition in the ROP. However, combining these two terms could be problematic because there are small hydro facilities that may be part of the Bulk Electric System that are operated at a different frequency and are asynchronous. By definition, these small hydro project would not be part of the Interconnection since they are not synchronized to the rest of the Interconnection.

Document Name:

Likes: 0

Dislikes: 0

Michelle D'Antuono - Oxy - Ingleside Cogeneration LP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - Andy Bolivar - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

"When capitalized, any one of the four major electric system networks in North America" should be "Currently, this term is any one of the four major electric system networks in North America." Any term that is capitalized means the defined term.

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: No

Answer Comment:
I support MRO NSRF comments.

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: No

Answer Comment:
I support MRO NSRF comments.

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Bernard Johnson - Oglethorpe Power Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter

Colby Bellville

Segment

1,3,5,6

Entity

Duke Energy

Region(s)

FRCC,SERC,RFC

Selected Answer: No

Answer Comment:

Duke Energy requests additional consideration be given to the proposed definition/alignment of the term Interconnection. The proposal appears to distort an already common understanding of the concept of the lower cased term interconnection.

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Colby Bellville - -

Error: Subreport could not be shown.

Selected Answer: No

Answer Comment:

Duke Energy requests additional consideration be given to the proposed definition/alignment of the term Interconnection. The proposal appears to distort an already common understanding of the concept of the lower cased term interconnection.

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Andrea Jessup - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Canadian Electricity Association - NA - Not Applicable - NA - Not Applicable

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Patrick Brown - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

11. Term 28: Load-Serving Entity - See Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathy Caignon - City of Vineland - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jonathan Appelbaum - United Illuminating Co. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Wright - San Diego Gas & Electric - 3 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	**Region(s)**
MRO	MRO

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - Emily Rousseau - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Seelke - PSEG - 1,2,5,6 - NPCC,RFC

Group Information

Group Name: PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Voter Information

Voter

John Seelke

Segment

1,2,5,6

Entity

PSEG

Region(s)

NPCC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Xcel Energy, Inc. - 1,3,5,6 - MRO,WECC,SPP

Selected Answer: Yes

Answer Comment:

"Schedules energy" should replaces "Secures energy" since Schedule is a defined term.

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Rather than "Secures energy", it would be more appropriate to use "Schedules energy" since "Schedule" is a defined term.

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Because Schedule is a defined term, it would make more sense to replace [Secures energy] with [Schedules energy].

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Because Schedule is a defined term, it would make more sense to replace Secures energy with Schedules energy.

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rob Collins - Rob Collins On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co., 1, 6, 5, 3

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3

Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5

Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity	Region(s)
Dominion - Dominion Resources, Inc.	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity **Region(s)**

Dominion - Dominion Resources, Inc.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1

David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	**Region(s)**
Northeast Power Coordinating Council	NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 paquet manon On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5,

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Matthew Beilfuss - WEC Energy Group, Inc. - 3,4,5,6 - MRO,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

For form consistency with other entity type definitions contained in the Glossary, we recommend starting the definition with "The entity that secures...".

The LSE definition also contains another Glossary term(s) that is not capitalized. Consider changing "the electrical demand and energy requirements…" to "the Electrical Energy and Demand requirements…" to properly denote these other Glossary terms. It appears that their application in the LSE definition narrative is consistent with their Glossary meaning.

It is unclear if the Load-Serving Entity definition needs to remain in the the Glossary given NERC actions taken this year to remove the Load-Serving Entity from the NERC Compliance Registry. However, we recognize that removal of the term from the Glossary may be beyond the scope of this project.

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Dennis Chastain - -

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

For form consistency with other entity type definitions contained in the Glossary, we recommend starting the definition with "The entity that secures...".

The LSE definition also contains another Glossary term(s) that is not capitalized. Consider changing "the electrical demand and energy requirements…" to "the Electrical Energy and Demand requirements…" to properly denote these other Glossary terms. It appears that their application in the LSE definition narrative is consistent with their Glossary meaning.

It is unclear if the Load-Serving Entity definition needs to remain in the the Glossary given NERC actions taken this year to remove the Load-Serving Entity from the NERC Compliance Registry. However, we recognize that removal of the term from the Glossary may be beyond the scope of this project.

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

We support the Comments Submitted by the Southwest Power Pool.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:
See our comments on the last question.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:
See comments from SPP Standards Review Group.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Steven Rueckert - Western Electricity Coordinating Council - 10 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Si Truc Phan - Hydro-Qu?bec TransEnergie - 1 - NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Si Truc Phan - Si Truc Phan - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: No

Answer Comment:

The SRC has previously commented that there needs to be total consistency between all fundamental documents within NERC. Thus, while it does not disagree with the proposed changes, it recommends that the SDT take this opportunity to also synchronize this definition with the Functional Model. Further, the SRC recommends that the Functional Model definition be adopted in lieu of the proposed revisions.

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: No

Answer Comment:

Comments provided in the attached file.

Document Name: Project_2015-04_Unofficial_Comment_Form_SRC_072615.docx

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:
Corresponding changes should be included in the NERC Functional Model.

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dan Wilson - PPL Electric Utilities Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:
Corresponding changes should be included in the NERC Functional Model.

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yuguang Xiao - Manitoba Hydro - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter	Segment
Chris Scanlon	1
Entity	**Region(s)**
Exelon	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Martin Boisvert - Hydro-Qu?bec TransEnergie - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1

Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

Voter Information

Voter	Segment
Jason Smith	2
Entity	**Region(s)**
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: Yes

Answer Comment:

We do not have issue with the stated capitilization changes to Transmission Service in the definition of Load-Serving Entity. However, the term "demand" is not capitalized and appears to be consistent with the defined term. We recommend that "demand" be reviewed in Phase 2 of this Project in order to determine if it needs to be capitalized.

Document Name:

Likes: 0

Dislikes: 0

manon paquet - manon paquet On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Group Information

Group Name: ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6
Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Voter Information

Voter	Segment
Ben Engelby	6

Entity

ACES Power Marketing

Region(s)

Selected Answer: No

Answer Comment:

"Demand" is a glossary term and should either be capitalized or clarified. We ask the drafting team to provide more details on the implementation of this proposed change in the event that FERC approves retirement of the LSE function from the ROP.

Document Name:

Likes: 0

Dislikes: 0

Michelle D'Antuono - Oxy - Ingleside Cogeneration LP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - Andy Bolivar - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Bernard Johnson - Oglethorpe Power Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter

Colby Bellville

Segment

1,3,5,6

Entity

Duke Energy

Region(s)

FRCC,SERC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Colby Bellville - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Andrea Jessup - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Canadian Electricity Association - NA - Not Applicable - NA - Not Applicable

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Patrick Brown - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

12. Term 31: Planning Authority - See Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathy Caignon - City of Vineland - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jonathan Appelbaum - United Illuminating Co. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Wright - San Diego Gas & Electric - 3 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6

Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	**Region(s)**
MRO	MRO

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - Emily Rousseau - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

While we agree with capitalizing the words “facilities” and “protection systems”, the definition is not consistent with that presented in the Functional Model. We commented on the SAR to suggest that there needs to be total consistency between all fundamental documents within NERC. We therefore suggest the SDT to revise the Functional Model, or to adopt the definition provided in the Functional Model in the NERC Glossary and the RoP.

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Seelke - PSEG - 1,2,5,6 - NPCC,RFC

Group Information

Group Name: PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Voter Information

Voter

John Seelke

Segment

1,2,5,6

Entity

PSEG

Region(s)

NPCC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Xcel Energy, Inc. - 1,3,5,6 - MRO,WECC,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rob Collins - Rob Collins On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co., 1, 6, 5, 3

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3

Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5

Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity	Region(s)
Dominion - Dominion Resources, Inc.	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity **Region(s)**

Dominion - Dominion Resources, Inc.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1

David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	**Region(s)**
Northeast Power Coordinating Council	NPCC

Selected Answer: No

Answer Comment:

Transmission should be capitalized. Transmission Facilities should be uniquely defined. The definitions of Tranmission and Facilty(ies) should not have to be merged by a reader to create the Transmission Facilities definition.

Document Name:

Likes: 2 Hydro-Qu?bec TransEnergie, 1, Phan Si Truc
Si Truc Phan, N/A, Phan Si Truc
paquet manon On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5,

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Matthew Beilfuss - WEC Energy Group, Inc. - 3,4,5,6 - MRO,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

For form consistency with other entity type definitions contained in the Glossary, we recommend starting the definition with "The entity that..." rather than "The responsible entity that…".

We believe the definition is intended to mean that the PA is the entity that coordinates and integrates Transmission plans and resource plans within their PA area. Transmission plans involve the planning of new Transmission facilities, taking committed Transmission Services into account. Additionally, the coordination of Protection Systems is typically the responsibility of the asset owners within the NERC standards. We recommend revising the definition to read as follows: "The entity that coordinates and integrates Transmission plans and resource plans." If this type of change is considered to be beyond the scope of this project, we recommend the SDT replace "…transmission Facilities and service plans,…" in the redline with "Transmission Service and Facility plans,…" in order to recognize other defined terms that seem to fit the definition narrative but also avoid the use of conjoined terms - "Transmission Facilities".

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Dennis Chastain - -

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

For form consistency with other entity type definitions contained in the Glossary, we recommend starting the definition with "The entity that..." rather than "The responsible entity that…".

We believe the definition is intended to mean that the PA is the entity that coordinates and integrates Transmission plans and resource plans within their PA area. Transmission plans involve the planning of new Transmission facilities, taking committed Transmission Services into account. Additionally, the coordination of Protection Systems is typically the responsibility of the asset owners within the NERC standards. We recommend revising the definition to read as follows: "The entity that coordinates and integrates Transmission plans and resource plans." If this type of change is considered to be beyond the scope of this project, we recommend the SDT replace "…transmission Facilities and service plans,…" in the redline with "Transmission Service and Facility plans,…" in order to recognize other defined terms that seem to fit the definition narrative but also avoid the use of conjoined terms - "Transmission Facilities".

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

We support the Comments Submitted by the Southwest Power Pool.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:
See our comments on the last question.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:
See comments from SPP Standards Review Group.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Steven Rueckert - Western Electricity Coordinating Council - 10 -

Selected Answer: Yes

Answer Comment:

I voted affirmative to approve the definition, but suggest that a reference or statement that PA is the same as PC be included.

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Si Truc Phan - Hydro-Qu?bec TransEnergie - 1 - NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Si Truc Phan - Si Truc Phan - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

The SRC has previously commented that there needs to be total consistency between all fundamental documents within NERC. Thus, while it does not disagree with the proposed changes, it recommends that the SDT take this opportunity to also synchronize this definition with the Functional Model.

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Comments provided in the attached file.

Document Name: Project_2015-04_Unofficial_Comment_Form_SRC_072615.docx

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: No

Answer Comment:

The NERC Functional Model replaced Planning Authority with Planning Coordinator to better align it's funcitonal obligations. The terms and functions represented in the functional model do not align with the proposed terms. In addition, in the WECC, there has been concerns over the potential Gap in Planning Coordinator Areas where facilities are not being included in a Planning Coordinator Area. A task force (PCFTF) has identified one of the key contributors to the problem is the lack of clarity and apparent contradictions between the NERC Functional Model, Rules of Procedure, and NERC Standards and Glossary. The inconsistancies need to be addressed.

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dan Wilson - PPL Electric Utilities Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: No

Answer Comment:

The NERC Functional Model replaced Planning Authority with Planning Coordinator to better align it's funcitonal obligations. The terms and functions represented in the functional model do not align with the proposed terms. In addition, in the WECC, there has been concerns over the potential Gap in Planning Coordinator Areas where facilities are not being included in a Planning Coordinator Area. A task force (PCFTF) has identified one of the key contributors to the problem is the lack of clarity and apparent contradictions between the NERC Functional Model, Rules of Procedure, and NERC Standards and Glossary. The inconsistancies need to be addressed.

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: No

Answer Comment:

The NERC Functional Model replaced Planning Authority with Planning Coordinator to better align it's funcitonal obligations. The terms and functions represented in the functional model do not align with the proposed terms. In addition, in the WECC, there has been concerns over the potential Gap in Planning Coordinator Areas where facilities are not being included in a Planning Coordinator Area. A task force (PCFTF) has identified one of the key contributors to the problem is the lack of clarity and apparent contradictions between the NERC Functional Model, Rules of Procedure, and NERC Standards and Glossary. The inconsistancies need to be addressed.

Document Name:

Likes: 1 PNM Resources - Public Service Company of New Mexico, 1, Williams Laurie

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: No

Answer Comment:

Inconsistent approach is used for referencing defined terms with differnent suffixes. For defined term "Facility", sometimes referenced as "Facilities" and other times "Facility(ies)".

Note that this inconsistency extends to multiple Glossary of Terms definitions that are not currently addressed in this project.

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yuguang Xiao - Manitoba Hydro - 5 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter	Segment
Chris Scanlon	1
Entity	**Region(s)**
Exelon	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Martin Boisvert - Hydro-Qu?bec TransEnergie - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1

Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

Voter Information

Voter	Segment
Jason Smith	2
Entity	**Region(s)**
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: Yes

Answer Comment:

We agree with the stated capitalization changes. However in Phase 2, since Planning Authority no longer exists in the Functional Model, this term should be retired from the Glossary or else the definition here moved under Planning Coordinator and then place the link from the old Planning Authority term under that defintion. Simply put, move the definition stated above under Planning Coordinator, and then change the Planning Authority definition to: “See Planning Coordinator.” Also unless underway already in other Projects, a SAR should be created to correct existing Standard references to Planning Coordinator.

Document Name:

Likes: 0

Dislikes: 0

manon paquet - manon paquet On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: No

Answer Comment:

31) The responsible entity that integrates the information from a resource plan, applicable Protection Systems, load service plans, and transmission Facilities into a transmission plan.

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: No

Answer Comment:

The responsible entity that integrates the information from a resource plan, applicable Protection Systems, load service plans, and transmission Facilities into a transmission plan.

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Group Information

Group Name: ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6
Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Voter Information

Voter	Segment
Ben Engelby	6
Entity	**Region(s)**
ACES Power Marketing	

Selected Answer: No

Answer Comment: We recommend retiring the term “Planning Authority” and formally adopt “Planning Coordinator” in its place. There should not be two terms with the same meaning.

Document Name:

Likes: 0

Dislikes: 0

Michelle D'Antuono - Oxy - Ingleside Cogeneration LP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - Andy Bolivar - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Bernard Johnson - Oglethorpe Power Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter

Colby Bellville

Segment

1,3,5,6

Entity

Duke Energy

Region(s)

FRCC,SERC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Colby Bellville - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Andrea Jessup - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Canadian Electricity Association - NA - Not Applicable - NA - Not Applicable

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Patrick Brown - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

13. Term 33: Point of Receipt - Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathy Caignon - City of Vineland - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jonathan Appelbaum - United Illuminating Co. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Wright - San Diego Gas & Electric - 3 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6

Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	**Region(s)**
MRO	MRO

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - Emily Rousseau - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Seelke - PSEG - 1,2,5,6 - NPCC,RFC

Group Information

Group Name: PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Voter Information

Voter

John Seelke

Segment

1,2,5,6

Entity

PSEG

Region(s)

NPCC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Xcel Energy, Inc. - 1,3,5,6 - MRO,WECC,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rob Collins - Rob Collins On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co., 1, 6, 5, 3

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3

Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5

Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity	Region(s)
Dominion - Dominion Resources, Inc.	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity **Region(s)**

Dominion - Dominion Resources, Inc.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1

David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	**Region(s)**
Northeast Power Coordinating Council	NPCC

Selected Answer: No

Answer Comment:

Transmission System should be capitalized. Transmission System should be uniquely defined. The definitions of Tranmission and System should not have to be merged by a reader to create the Transmission System definition.

Document Name:

Likes: 1 paquet manon On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5,

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Matthew Beilfuss - WEC Energy Group, Inc. - 3,4,5,6 - MRO,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

We also recommend capitalization of the word "Transmission" within the Point of Receipt (POR) definition because this term is defined in the Glossary and we believe its usage in the POR definition narrative is intended to have the meaning of the defined term. "System" is also a defined term in the Glossary, but its use in the POR definition narrative does not appear to have the same meaning as the defined term.

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Dennis Chastain - -

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

We also recommend capitalization of the word "Transmission" within the Point of Receipt (POR) definition because this term is defined in the Glossary and we believe its usage in the POR definition narrative is intended to have the meaning of the defined term. "System" is also a defined term in the Glossary, but its use in the POR definition narrative does not appear to have the same meaning as the defined term.

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

We support the Comments Submitted by the Southwest Power Pool.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:
See our comments on the last question.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:
See comments from SPP Standards Review Group.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Steven Rueckert - Western Electricity Coordinating Council - 10 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Si Truc Phan - Hydro-Qu?bec TransEnergie - 1 - NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Si Truc Phan - Si Truc Phan - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Comments provided in the attached file.

Document Name: Project_2015-04_Unofficial_Comment_Form_SRC_072615.docx

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dan Wilson - PPL Electric Utilities Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yuguang Xiao - Manitoba Hydro - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter	Segment
Chris Scanlon	1
Entity	**Region(s)**
Exelon	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Martin Boisvert - Hydro-Qu?bec TransEnergie - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1

Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

Voter Information

Voter	Segment
Jason Smith	2
Entity	**Region(s)**
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: Yes

Answer Comment:

In Phase 2, investigate whether Transmission System should be capitalized.

Document Name:

Likes: 0

Dislikes: 0

manon paquet - manon paquet On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Group Information

Group Name: ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6
Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Voter Information

Voter

Ben Engelby

Segment

6

Entity

ACES Power Marketing

Region(s)

Selected Answer: No

Answer Comment:

“Transmission” and “System” are both defined terms and the drafting team should consider if they should be capitalized.

Document Name:

Likes: 0

Dislikes: 0

Michelle D'Antuono - Oxy - Ingleside Cogeneration LP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - Andy Bolivar - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Bernard Johnson - Oglethorpe Power Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter

Colby Bellville

Segment

1,3,5,6

Entity

Duke Energy

Region(s)

FRCC,SERC,RFC

Selected Answer: Yes

Answer Comment:

Duke Energy suggests capitalizing the term "Transmission" throughout the definition, as it is currently a defined term.

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Colby Bellville - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Duke Energy suggests capitalizing the term “Transmission” throughout the definition, as it is currently a defined term.

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Andrea Jessup - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Canadian Electricity Association - NA - Not Applicable - NA - Not Applicable

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Patrick Brown - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

14. Term 36: Reactive Power - Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathy Caignon - City of Vineland - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jonathan Appelbaum - United Illuminating Co. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Wright - San Diego Gas & Electric - 3 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	**Region(s)**
MRO	MRO

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - Emily Rousseau - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Seelke - PSEG - 1,2,5,6 - NPCC,RFC

Group Information

Group Name: PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Voter Information

Voter

John Seelke

Segment

1,2,5,6

Entity

PSEG

Region(s)

NPCC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Xcel Energy, Inc. - 1,3,5,6 - MRO,WECC,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rob Collins - Rob Collins On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co., 1, 6, 5, 3

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3

Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5

Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity **Region(s)**

Dominion - Dominion Resources, Inc.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1

David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	**Region(s)**
Northeast Power Coordinating Council	NPCC

Selected Answer: No

Answer Comment:

Transmission Facilities should be capitalized. Transmission Facilities should be uniquely defined. The definitions of Tranmission and Facilty(ies) should not have to be merged by a reader to create the Transmission Facilities definition.

Should the “k” in kvar be capitalized?

Document Name:

Likes: 1 paquet manon On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5,

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Matthew Beilfuss - WEC Energy Group, Inc. - 3,4,5,6 - MRO,RFC

Selected Answer: No

Answer Comment:

The proposed change to the term uses the term to define itself. The first sentence of the NERC Glossary term for Reactive Power is sufficient. This would be simple and in line with the definition for Real Power.

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

We also recommend capitalization of the word "Transmission" within the Reactive Power definition because this term is defined in the Glossary and we believe its usage in the Reactive Power definition narrative is intended to have the meaning of the defined term. "Facilities" is also a defined term (Facility), although capitalizing it will create a conjoined term - "Transmission Facilities". We also recommend capitalizing "system" - replace "electric system voltage" with "electric System voltage". Recommend changing "kvar" to "kVAr", and "Mvar" to "MVAr".

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Dennis Chastain - -

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

We also recommend capitalization of the word "Transmission" within the Reactive Power definition because this term is defined in the Glossary and we believe its usage in the Reactive Power definition narrative is intended to have the meaning of the defined term. "Facilities" is also a defined term (Facility), although capitalizing it will create a conjoined term - "Transmission Facilities". We also recommend capitalizing "system" - replace "electric system voltage" with "electric System voltage". Recommend changing "kvar" to "kVAr", and "Mvar" to "MVAr".

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

We support the Comments Submitted by the Southwest Power Pool.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:
See our comments on the last question.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:
See comments from SPP Standards Review Group.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Steven Rueckert - Western Electricity Coordinating Council - 10 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Si Truc Phan - Hydro-Qu?bec TransEnergie - 1 - NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Si Truc Phan - Si Truc Phan - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Comments provided in the attached file.

Document Name: Project_2015-04_Unofficial_Comment_Form_SRC_072615.docx

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dan Wilson - PPL Electric Utilities Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yuguang Xiao - Manitoba Hydro - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter	Segment
Chris Scanlon	1
Entity	**Region(s)**
Exelon	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Martin Boisvert - Hydro-Qu?bec TransEnergie - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1

Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

Voter Information

Voter	Segment
Jason Smith	2
Entity	**Region(s)**
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: Yes

Answer Comment:

In Phase 2, investigate whether Transmission and/or Facilities should be capitalized.

Document Name:

Likes: 0

Dislikes: 0

manon paquet - manon paquet On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Group Information

Group Name: ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6
Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Voter Information

Voter

Ben Engelby

Segment

6

Entity

ACES Power Marketing

Region(s)

Selected Answer: No

Answer Comment:

“Transmission” and “Facilities” are both defined terms and the drafting team should consider if they should be capitalized.

Document Name:

Likes: 0

Dislikes: 0

Michelle D'Antuono - Oxy - Ingleside Cogeneration LP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - Andy Bolivar - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Bernard Johnson - Oglethorpe Power Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter

Colby Bellville

Segment

1,3,5,6

Entity

Duke Energy

Region(s)

FRCC,SERC,RFC

Selected Answer: Yes

Answer Comment:

Duke Energy suggests capitalizing the terms “Transmission” and “Facilities” throughout the definition, as they are currently defined terms.

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Colby Bellville - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Duke Energy suggests capitalizing the terms “Transmission” and “Facilities” throughout the definition, as they are currently defined terms.

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Andrea Jessup - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Canadian Electricity Association - NA - Not Applicable - NA - Not Applicable

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Patrick Brown - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

15. Term 37: Real Power - Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathy Caignon - City of Vineland - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jonathan Appelbaum - United Illuminating Co. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Wright - San Diego Gas & Electric - 3 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	**Region(s)**
MRO	MRO

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - Emily Rousseau - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Seelke - PSEG - 1,2,5,6 - NPCC,RFC

Group Information

Group Name: PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Voter Information

Voter

John Seelke

Segment

1,2,5,6

Entity

PSEG

Region(s)

NPCC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Xcel Energy, Inc. - 1,3,5,6 - MRO,WECC,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rob Collins - Rob Collins On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co., 1, 6, 5, 3

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3

Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5

Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity **Region(s)**

Dominion - Dominion Resources, Inc.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1

David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	**Region(s)**
Northeast Power Coordinating Council	NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 paquet manon On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5,

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Matthew Beilfuss - WEC Energy Group, Inc. - 3,4,5,6 - MRO,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Dennis Chastain - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

We support the Comments Submitted by the Southwest Power Pool.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:
See our comments on the last question.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Steven Rueckert - Western Electricity Coordinating Council - 10 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Si Truc Phan - Hydro-Qu?bec TransEnergie - 1 - NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Si Truc Phan - Si Truc Phan - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Comments provided int he attached file.

Document Name: Project_2015-04_Unofficial_Comment_Form_SRC_072615.docx

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dan Wilson - PPL Electric Utilities Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yuguang Xiao - Manitoba Hydro - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter	Segment
Chris Scanlon	1
Entity	**Region(s)**
Exelon	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Martin Boisvert - Hydro-Qu?bec TransEnergie - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1

Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

Voter Information

Voter	Segment
Jason Smith	2
Entity	**Region(s)**
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

manon paquet - manon paquet On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Group Information

Group Name: ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6
Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Voter Information

Voter

Ben Engelby

Segment

6

Entity

ACES Power Marketing

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michelle D'Antuono - Oxy - Ingleside Cogeneration LP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - Andy Bolivar - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Bernard Johnson - Oglethorpe Power Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter

Colby Bellville

Segment

1,3,5,6

Entity

Duke Energy

Region(s)

FRCC,SERC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Colby Bellville - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Andrea Jessup - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Canadian Electricity Association - NA - Not Applicable - NA - Not Applicable

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Patrick Brown - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

16. Term 38: Reliability Coordinator - Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathy Caignon - City of Vineland - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jonathan Appelbaum - United Illuminating Co. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Wright - San Diego Gas & Electric - 3 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6

Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	**Region(s)**
MRO	MRO

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - Emily Rousseau - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Seelke - PSEG - 1,2,5,6 - NPCC,RFC

Group Information

Group Name: PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Voter Information

Voter

John Seelke

Segment

1,2,5,6

Entity

PSEG

Region(s)

NPCC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Xcel Energy, Inc. - 1,3,5,6 - MRO,WECC,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rob Collins - Rob Collins On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co., 1, 6, 5, 3

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3

Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5

Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity	Region(s)
Dominion - Dominion Resources, Inc.	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity **Region(s)**

Dominion - Dominion Resources, Inc.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1

David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	**Region(s)**
Northeast Power Coordinating Council	NPCC

Selected Answer: No

Answer Comment:

Transmission Systems should be capitalized because both are terms defined in the NERC Glossary. Real-time should be capitalized.

Document Name:

Likes: 2 Hydro-Qu?bec TransEnergie, 1, Phan Si Truc
Si Truc Phan, N/A, Phan Si Truc
paquet manon On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5,

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Matthew Beilfuss - WEC Energy Group, Inc. - 3,4,5,6 - MRO,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

We also recommend capitalization of the words "Real-time" and "Transmission" within the Reliability Coordinator (RC) definition because these terms are defined in the Glossary and we believe their usage in the RC definition narrative is intended to have the meaning of the defined terms.

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Dennis Chastain - -

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

We also recommend capitalization of the words "Real-time" and "Transmission" within the Reliability Coordinator (RC) definition because these terms are defined in the Glossary and we believe their usage in the RC definition narrative is intended to have the meaning of the defined terms.

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: No

Answer Comment:

We support the Comments Submitted by the Southwest Power Pool.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:
See our comments on the last question.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: No

Answer Comment:
See comments from SPP Standards Review Group.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: No

Answer Comment:
See comments from SPP Standards Review Group.

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Steven Rueckert - Western Electricity Coordinating Council - 10 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Si Truc Phan - Hydro-Qu?bec TransEnergie - 1 - NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Si Truc Phan - Si Truc Phan - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: No

Answer Comment:

Reference the group comments - Colorado Springs Utilities

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

The SRC has previously commented that there needs to be total consistency between all fundamental documents within NERC. Thus, while it does not disagree with the proposed changes, it recommends that the SDT take this opportunity to also synchronize this definition with the Functional Model.

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Comments provided in the attached file.

Document Name: Project_2015-04_Unofficial_Comment_Form_SRC_072615.docx

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: No

Answer Comment:

Reference the group comments - Colorado Springs Utilities

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

The NERC Functional Model should be modified in order to be consisten with the NERC Glossary.

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dan Wilson - PPL Electric Utilities Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

The NERC Functional Model should be modified in order to be consisten with the NERC Glossary.

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: No

Answer Comment:

The NERC Functional Model should be modified in order to be consisten with the NERC Glossary.

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yuguang Xiao - Manitoba Hydro - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter	Segment
Chris Scanlon	1
Entity	**Region(s)**
Exelon	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Martin Boisvert - Hydro-Qu?bec TransEnergie - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1

Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

Voter Information

Voter	Segment
Jason Smith	2
Entity	**Region(s)**
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: No

Answer Comment:

In the defined term “Reliable Operation”, the use of the phrase Bulk-Power System is used. We recommend investigating and reporting on the correct use of this phrase in the definition as it could lead to increased scope of responsibility for the Reliability Coordinator or other entites responsible for Reliable Operation. A Reliability Coordinator does not “operate the elements of the Bulk-Power System….” per its functional requirements. So using the capitalized term here is inappropriate and concludes that the RC now has operating requirements for elements and Facilities. Perhaps in Phase 2, the definition of Reliability Coordinator could be adjusted to not use the similar phrase “reliable operation”. The use of this phrasing is also not consistent with the definition of Reliability Standard where the Standard provides for “reliable operation of the bulk-power system” but the Reliability Coordinator is responsible for “reliable operationg of the Bulk-Electric System”.

The phrase “real-time” is also used in the definition and should be reviewed for capitalization in Phase 2. Reference to the appropriate horizons such as but not limited to: Operating Horizon or Real-Time Operations Horizons in the definition would be more clear.

Document Name:

Likes: 0

Dislikes: 0

manon paquet - manon paquet On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Group Information

Group Name: ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6
Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Voter Information

Voter **Segment**

Ben Engelby 6

Entity **Region(s)**

ACES Power Marketing

Selected Answer: No

Answer Comment:

“Emergency,” “Real-time,” “Transmission,” and “System” are defined terms and the drafting team should consider if they should be capitalized.

Document Name:

Likes: 0

Dislikes: 0

Michelle D'Antuono - Oxy - Ingleside Cogeneration LP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - Andy Bolivar - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: No

Answer Comment:
I support SPP comments.

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: No

Answer Comment:
I support SPP comments.

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Bernard Johnson - Oglethorpe Power Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter

Colby Bellville

Segment

1,3,5,6

Entity

Duke Energy

Region(s)

FRCC,SERC,RFC

Selected Answer: Yes

Answer Comment:

Duke Energy suggests the use, and the capilization of the term "Bulk-Power System" in the place of "Bulk Electric System" in the definition, as the term "Reliable Operation" uses the term "Bulk-Power System" within its own definition. Also, we suggest capitalizing the terms "Transmission", and "Facilities" as they are both currently defined terms.

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Colby Bellville - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Duke Energy suggests the use, and the capilization of the term “Bulk-Power System” in the place of “Bulk Electric System” in the definition, as the term “Reliable Operation” uses the term “Bulk-Power System” within its own definition. Also, we suggest capitalizing the terms “Transmission”, and “Facilities” as they are both currently defined terms.

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Andrea Jessup - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Canadian Electricity Association - NA - Not Applicable - NA - Not Applicable

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Patrick Brown - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

17. Term 40: Reliability Standard - Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathy Caignon - City of Vineland - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jonathan Appelbaum - United Illuminating Co. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Wright - San Diego Gas & Electric - 3 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	**Region(s)**
MRO	MRO

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - Emily Rousseau - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: No

Answer Comment:

While we generally support the proposed revisions, we are unable to support the inclusion of the phrase "In order to remain consistent with the Federal Power Act," since there are entities such as the IESO that are not under FERC's jurisdiction. We propose to revise the note as follows:

(In order to remain consistent with published regulatory documents, defined terms contained in this narrative are not capitalized.)

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: No

Answer Comment:

NERC should delete all references to the Federal Power Act throughout these revisions and “re-capitalize” NERC defined terms within all of the definitions. Seminole’s reasoning for this is that each term should have one reference only. For example, if NERC feels that the defined term “Facilities” does not encapsulate the meaning put forth by Congress of “facilities” in the Federal Power Act, then the drafting team should revise the definition for Facilities. Referencing both the Federal Power Act and the NERC Glossary can cause confusion where legislative background can be interpreted differently than NERC definition drafting team responses and notes.

Document Name:

Likes: 0

Dislikes: 0

John Seelke - PSEG - 1,2,5,6 - NPCC,RFC

Group Information

Group Name: PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Voter Information

Voter

John Seelke

Segment

1,2,5,6

Entity

PSEG

Region(s)

NPCC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 PSEG - Public Service Electric and Gas Co., 1, Smith Joseph

Dislikes: 0

Amy Casuscelli - Xcel Energy, Inc. - 1,3,5,6 - MRO,WECC,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rob Collins - Rob Collins On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co., 1, 6, 5, 3

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3

Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6
Entity	**Region(s)**
Dominion - Dominion Resources, Inc.	

Selected Answer: No

Answer Comment:

Dominion believes that all terms which are defined in the NERC Glossary should be capitalized for consistency. We do not agree that an exception, so that consistency with the Federal Power Act, should be made. If this exception is accepted, what justification would be used for not being consistent with other regulatory statutes?

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6

Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6
Entity	**Region(s)**
Dominion - Dominion Resources, Inc.	

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: No

Answer Comment:

Dominion believes that all terms which are defined in the NERC Glossary should be capitalized for consistency. We do not agree that an exception, so that consistency with the Federal Power Act, should be made. If this exception is accepted, what justification would be used for not being consistent with other regulatory statutes?

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3

John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1

Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	**Region(s)**

Northeast Power Coordinating Council NPCC

Selected Answer: No

Answer Comment:

There is the note in the definition of Bulk Power System (Question 2) that defined terms are not capitalized to be consistent with the Federal Power Act. In this definition, that same note is made, yet terms in capitals are added in brackets. There should be consistency.

The definition of Reliability Standard in the NERC Glossary is significantly different from that in the Rules of Procedure. We recognize that this is a substantive change that must be addressed.

Document Name:

Likes: 1 paquet manon On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5,

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Matthew Beilfuss - WEC Energy Group, Inc. - 3,4,5,6 - MRO,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

Given the statement in parenthesis at the end of the definition, we believe that retaining the capitalized terms in brackets throughout the definition adds unnecessary clutter.

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Dennis Chastain - -

Selected Answer: Yes

Answer Comment:

Given the statement in parenthesis at the end of the definition, we believe that retaining the capitalized terms in brackets throughout the definition adds unnecessary clutter.

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

We support the Comments Submitted by the Southwest Power Pool.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:
See our comments on the last question.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:
See comments from SPP Standards Review Group.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Steven Rueckert - Western Electricity Coordinating Council - 10 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Si Truc Phan - Hydro-Qu?bec TransEnergie - 1 - NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Si Truc Phan - Si Truc Phan - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2

Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter	Segment
christina bigelow	2
Entity	**Region(s)**
Electric Reliability Council of Texas, Inc.	

Selected Answer: No

Answer Comment:

The SRC generally supports the proposed revisions, but is unable to support the inclusion of the phrase “In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1].” The SRC notes that, since there are entities such as the IESO that are not under FERC’s jurisdiction, any revisions to the definition should respect the differing regulatory regimes in effect. The SRC suggests that this note be reworded as follows:

The term does not include facilities used in the local distribution of electric energy. (In order to remain consistent with applicable regulatory authorities, defined terms contained in this narrative are not capitalized.) Note that the terms “Bulk-Power System” or “Bulk Power System” shall have the same meaning.

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: No

Answer Comment:

Comments provided in the attached file.

Document Name: Project_2015-04_Unofficial_Comment_Form_SRC_072615.docx

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dan Wilson - PPL Electric Utilities Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: No

Answer Comment:

Proposed changes to 6 (Bulk-Power System), 40 (Reliability Standard) and 41 (Reliable Operation) relating to the Federal Power Act are not made consistently.

Redlined added text referencing the Federal Power Act should be consistently written for #6, #40, #41.

Bulk-Power System should appear consistenty in the definitions of #6, #40, #41.

Defined terms should be written consistently. If using "reliable operation [Reliable Operation]", should also use same approach "facilities [Facility(ies)]" for all other defined terms.

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

In general, Texas RE recommends consistency with capitalization. Capitalization infers a term is defined in the Glossary and/or ROP.

Document Name:

Likes: 0

Dislikes: 0

Yuguang Xiao - Manitoba Hydro - 5 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter	Segment
Chris Scanlon	1
Entity	**Region(s)**
Exelon	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Martin Boisvert - Hydro-Qu?bec TransEnergie - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1

Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

Voter Information

Voter	Segment
Jason Smith	2
Entity	**Region(s)**
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

manon paquet - manon paquet On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Group Information

Group Name: ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6
Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Voter Information

Voter

Ben Engelby

Segment

6

Entity

ACES Power Marketing

Region(s)

Selected Answer: No

Answer Comment:

There needs to be consistency with the use of brackets to signify Glossary/ROP terms that are intended to have the meaning of the definition in Section 215 of the Federal Power Act. The “Reliability Standard” definition uses brackets for the terms [Reliable Operation] and [Bulk-Power System]. However, the “Bulk-Power System” definition does not use brackets and Glossary/ROP terms are lower case.

Document Name:

Likes: 0

Dislikes: 0

Michelle D'Antuono - Oxy - Ingleside Cogeneration LP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - Andy Bolivar - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Bernard Johnson - Oglethorpe Power Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter

Colby Bellville

Segment

1,3,5,6

Entity

Duke Energy

Region(s)

FRCC,SERC,RFC

Selected Answer: No

Answer Comment:

Duke Energy seeks clarification regarding the proposed alignment of the term Reliability Standard. We feel as though additional measure could be taken to improve consistency. To improve consistency, we suggest that terms that are capitalized within a certain definition, should also be capitalized in both places. For example, if a term within the definition of Reliability Standard is capitalized in the Glossary of Terms, that same term should be capitalized in the definition of Reliability Standard within the NERC Rules of Procedure. Duke Energy also suggests, either using lower case where appropriate and delete the bracketed terms within the definition, or use the upper case of the terms and delete the unnecessary added language.

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Colby Bellville - -

Error: Subreport could not be shown.

Selected Answer: No

Answer Comment:

Duke Energy seeks clarification regarding the proposed alignment of the term Reliability Standard. We feel as though additional measure could be taken to improve consistency. To improve consistency, we suggest that terms that are capitalized within a certain definition, should also be capitalized in both places. For example, if a term within the definition of Reliability Standard is capitalized in the Glossary of Terms, that same term should be capitalized in the definition of Reliability Standard within the NERC Rules of Procedure. Duke Energy also suggests, either using lower case where appropriate and delete the bracketed terms within the definition, or use the upper case of the terms and delete the unnecessary added language.

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Andrea Jessup - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Canadian Electricity Association - NA - Not Applicable - NA - Not Applicable

Selected Answer: No

Answer Comment:

Same comment as for term #6 (Bulk-Power System) above re: need for qualifier to clarify that the Federal Power Act is a U.S. statute.

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Patrick Brown - -

Selected Answer: No

Answer Comment:

Same comment as for term #6 (Bulk-Power System) re: need for qualifier to clarify that the Federal Power Act is a U.S. statute.

Document Name:

Likes: 0

Dislikes: 0

18. Term 41: Reliable Operation - Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathy Caignon - City of Vineland - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jonathan Appelbaum - United Illuminating Co. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Wright - San Diego Gas & Electric - 3 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6

Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	**Segment**
Emily Rousseau	1,2,3,4,5,6
Entity	**Region(s)**
MRO	MRO

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - Emily Rousseau - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: No

Answer Comment:

While we generally support the proposed revisions, we are unable to support the inclusion of the phrase "In order to remain consistent with the Federal Power Act," since there are entities such as the IESO that are not under FERC's jurisdiction. We propose to revise the note as follows:

(In order to remain consistent with published regulatory documents, defined terms contained in this narrative are not capitalized.)

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: No

Answer Comment:

NERC should delete all references to the Federal Power Act throughout these revisions and “re-capitalize” NERC defined terms within all of the definitions. Seminole’s reasoning for this is that each term should have one reference only. For example, if NERC feels that the defined term “Facilities” does not encapsulate the meaning put forth by Congress of “facilities” in the Federal Power Act, then the drafting team should revise the definition for Facilities. Referencing both the Federal Power Act and the NERC Glossary can cause confusion where legislative background can be interpreted differently than NERC definition drafting team responses and notes.

Document Name:

Likes: 0

Dislikes: 0

John Seelke - PSEG - 1,2,5,6 - NPCC,RFC

Group Information

Group Name: PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Voter Information

Voter

John Seelke

Segment

1,2,5,6

Entity

PSEG

Region(s)

NPCC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 PSEG - Public Service Electric and Gas Co., 1, Smith Joseph

Dislikes: 0

Amy Casuscelli - Xcel Energy, Inc. - 1,3,5,6 - MRO,WECC,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rob Collins - Rob Collins On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co., 1, 6, 5, 3

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3

Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6
Entity	**Region(s)**
Dominion - Dominion Resources, Inc.	

Selected Answer: No

Answer Comment:

Dominion believes that all terms which are defined in the NERC Glossary should be capitalized for consistency. We do not agree that an exception, so that consistency with the Federal Power Act, should be made. If this exception is accepted, what justification would be used for not being consistent with other regulatory statutes?

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6

Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6
Entity	**Region(s)**
Dominion - Dominion Resources, Inc.	

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: No

Answer Comment:

Dominion believes that all terms which are defined in the NERC Glossary should be capitalized for consistency. We do not agree that an exception, so that consistency with the Federal Power Act, should be made. If this exception is accepted, what justification would be used for not being consistent with other regulatory statutes?

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3

John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1

Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Voter Information

Voter	Segment
Lee Pedowicz	10

Entity **Region(s)**

Northeast Power Coordinating Council NPCC

Selected Answer: No

Answer Comment:

There is the note in the definition of Bulk Power System (Question 2) that defined terms are not capitalized to be consistent with the Federal Power Act. In this definition, that same note is made, yet terms in capitals are added in brackets. There should be consistency.

Cyber Security Incident should be capitalized and the words Cyber and Security should be separated as they are in the Glossary.

Document Name:

Likes: 1 paquet manon On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5,

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Matthew Beilfuss - WEC Energy Group, Inc. - 3,4,5,6 - MRO,RFC

Selected Answer: No

Answer Comment:

The rationale to remain consistent with the FPA creates confusion when considering the definition of the term. It is well understood that capitalized terms in the glossary and other NERC documents refer to the glossary definition. By un-capitalizing the term it will be generally understood to not mean the NERC Glossary defined term, which is in contrast to the intent of the terms usage.

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

Given the statement in parenthesis at the end of the definition, we believe that retaining the capitalized term in brackets in the definition adds unnecessary clutter.

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Dennis Chastain - -

Selected Answer: Yes

Answer Comment:

Given the statement in parenthesis at the end of the definition, we believe that retaining the capitalized term in brackets in the definition adds unnecessary clutter.

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

We support the Comments Submitted by the Southwest Power Pool.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:
See our comments on the last question.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:
See comments from SPP Standards Review Group.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Steven Rueckert - Western Electricity Coordinating Council - 10 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Si Truc Phan - Hydro-Qu?bec TransEnergie - 1 - NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Si Truc Phan - Si Truc Phan - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2

Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter	Segment
christina bigelow	2
Entity	**Region(s)**
Electric Reliability Council of Texas, Inc.	

Selected Answer: No

Answer Comment:

The SRC generally supports the proposed revisions, but is unable to support the inclusion of the phrase “In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1].” The SRC notes that, since there are entities such as the IESO that are not under FERC’s jurisdiction any revisions to the definition should respect the differing regulatory regimes in effect. The SRC suggests that this note be reworded as follows:

The term does not include facilities used in the local distribution of electric energy. (In order to remain consistent with applicable regulatory authorities, defined terms contained in this narrative are not capitalized.) Note that the terms “Bulk-Power System” or “Bulk Power System” shall have the same meaning.

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: No

Answer Comment:

Comments provided in the attached file.

Document Name: Project_2015-04_Unofficial_Comment_Form_SRC_072615.docx

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dan Wilson - PPL Electric Utilities Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: No

Answer Comment:

Proposed changes to 6 (Bulk-Power System), 40 (Reliability Standard) and 41 (Reliable Operation) relating to the Federal Power Act are not made consistently.

Redlined added text referencing the Federal Power Act should be consistently written for #6, #40, #41.

Bulk-Power System should appear consistenty in the definitions of #6, #40, #41.

Defined terms should be written consistently. If using "reliable operation [Reliable Operation]", should also use same approach "facilities [Facility(ies)]" for all other defined terms.

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

In general, Texas RE recommends consistency with capitalization. Capitalization infers a term is defined in the Glossary and/or ROP.

Document Name:

Likes: 0

Dislikes: 0

Yuguang Xiao - Manitoba Hydro - 5 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter	Segment
Chris Scanlon	1
Entity	**Region(s)**
Exelon	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Martin Boisvert - Hydro-Qu?bec TransEnergie - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1

Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

Voter Information

Voter	Segment
Jason Smith	2
Entity	**Region(s)**
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: Yes

Answer Comment:

There is continued question regarding the correct usage of the terms Bulk-Power System and Bulk-Electric System in both definitions, ROP, and the Functional Model. In Phase 2, effort should be made to ensure alignment is correct among these terms. We should not continue using the phrase Bulk-Power System in certain definitions just because that phrase was loosely used (and prior to the Bulk-Electric System definition work) in order 693.

Document Name:

Likes: 0

Dislikes: 0

manon paquet - manon paquet On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Group Information

Group Name: ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6
Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Voter Information

Voter	Segment
Ben Engelby	6

Entity

ACES Power Marketing

Region(s)

Selected Answer: No

Answer Comment:

There needs to be consistency with the use of brackets to signify Glossary/ROP terms that are intended to have the meaning of the definition in Section 215 of the Federal Power Act. The “Reliable Operation” definition uses brackets for the term [Bulk-Power System]. However, the “Bulk-Power System” definition does not use brackets and Glossary/ROP terms are lower case.

Document Name:

Likes: 0

Dislikes: 0

Michelle D'Antuono - Oxy - Ingleside Cogeneration LP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - Andy Bolivar - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Bernard Johnson - Oglethorpe Power Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter	Segment

Colby Bellville	1,3,5,6
Entity	**Region(s)**
Duke Energy	FRCC,SERC,RFC

Selected Answer: No

Answer Comment:

See Duke Energy's comment for Term 40, Reliability Standard.

Also, we suggest adding "NERC" and "(system and elements)" as shown below, to improve clarity.

"Reliable Operation:

Operating the elements of the bulk-power system [Bulk- Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements. (In order to remain consistent with the Federal Power Act, NERC defined terms (system and elements) contained in this narrative are not capitalized.)"

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Colby Bellville - -

Error: Subreport could not be shown.

Selected Answer: No

Answer Comment:

See Duke Energy's comment for Term 40, Reliability Standard.

Also, we suggest adding "NERC" and "(system and elements)" as shown below, to improve clarity.

"Reliable Operation:

Operating the elements of the bulk-power system [Bulk- Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements. (In order to remain consistent with the Federal Power Act, NERC defined terms (system and elements) contained in this narrative are not capitalized.)"

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Andrea Jessup - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Canadian Electricity Association - NA - Not Applicable - NA - Not Applicable

Selected Answer: No

Answer Comment:

Same comment as for term #6 (Bulk-Power System) and term #40 (Reliability Standard) above re: need for qualifier to clarify that the Federal Power Act is a U.S. statute.

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Patrick Brown - -

Selected Answer: No

Answer Comment:

Same comment as for term #6 (Bulk-Power System) and term #40 (Reliability Standard) re: need for qualifier to clarify that the Federal Power Act is a U.S. statute.

Document Name:

Likes: 0

Dislikes: 0

19. Term 42: Reserve Sharing Group - Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathy Caignon - City of Vineland - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jonathan Appelbaum - United Illuminating Co. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Wright - San Diego Gas & Electric - 3 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6

Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	**Region(s)**
MRO	MRO

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - Emily Rousseau - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Seelke - PSEG - 1,2,5,6 - NPCC,RFC

Group Information

Group Name: PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Voter Information

Voter

John Seelke

Segment

1,2,5,6

Entity

PSEG

Region(s)

NPCC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Xcel Energy, Inc. - 1,3,5,6 - MRO,WECC,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rob Collins - Rob Collins On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co., 1, 6, 5, 3

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3

Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5

Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6
Entity	**Region(s)**
Dominion - Dominion Resources, Inc.	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6
Entity	**Region(s)**

Dominion - Dominion Resources, Inc.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1

David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	**Region(s)**
Northeast Power Coordinating Council	NPCC

Selected Answer: No

Answer Comment:

Disturbance should be capitalized because it is a defined term in the NERC Glossary.

Document Name:

Likes: 1 paquet manon On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5,

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Matthew Beilfuss - WEC Energy Group, Inc. - 3,4,5,6 - MRO,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

For form consistency with other entity type definitions contained in the Glossary, we recommend starting the definition with "An entity, consisting of two or more Balancing Authorities, that..." rather than "A group whose members consist of two or more Balancing Authorities that…".

We also recommend capitalization of the terms "Operating Reserves", "Contingencies", and "Transaction" within the Reserve Sharing Group (RSG) definition because these terms are defined in the Glossary and we believe their usage in the RSG definition narrative is intended to have the meaning of the defined terms.

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Dennis Chastain - -

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

For form consistency with other entity type definitions contained in the Glossary, we recommend starting the definition with "An entity, consisting of two or more Balancing Authorities, that..." rather than "A group whose members consist of two or more Balancing Authorities that…".

We also recommend capitalization of the terms "Operating Reserves", "Contingencies", and "Transaction" within the Reserve Sharing Group (RSG) definition because these terms are defined in the Glossary and we believe their usage in the RSG definition narrative is intended to have the meaning of the defined terms.

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: No

Answer Comment:

We support the Comments Submitted by the Southwest Power Pool.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:
See our comments on the last question.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: No

Answer Comment:
See comments from SPP Standards Review Group.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: No

Answer Comment:
See comments from SPP Standards Review Group.

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Steven Rueckert - Western Electricity Coordinating Council - 10 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Si Truc Phan - Hydro-Qu?bec TransEnergie - 1 - NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Si Truc Phan - Si Truc Phan - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: No

Answer Comment:

Reference the group comments - Colorado Springs Utilities

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Comments provided in the attached file.

Document Name: Project_2015-04_Unofficial_Comment_Form_SRC_072615.docx

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: No

Answer Comment:

Reference the group comments - Colorado Springs Utilities

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dan Wilson - PPL Electric Utilities Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yuguang Xiao - Manitoba Hydro - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter	Segment
Chris Scanlon	1
Entity	**Region(s)**
Exelon	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Martin Boisvert - Hydro-Qu?bec TransEnergie - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1

Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

Voter Information

Voter	Segment
Jason Smith	2
Entity	**Region(s)**
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: No

Answer Comment:

We disagree with the removal of the capitalization on Disturbance in the definition. Removing the capitalization opens up the applicability to disturbances that are not bound by the clarifications afforded by using the defined term. Also, the terms Operating Reserve, Contingency, Transaction, and Ramp are defined terms and should be reviewed for capitalization in the definition in Phase 2.

Document Name:

Likes: 0

Dislikes: 0

manon paquet - manon paquet On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Group Information

Group Name: ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6
Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Voter Information

Voter

Ben Engelby

Segment

6

Entity

ACES Power Marketing

Region(s)

Selected Answer: No

Answer Comment:

“Operating Reserves,” “Contingency,” “Transaction,” and “Ramp” are defined terms and the drafting team should consider if the terms should be capitalized. The drafting team should consider replacing “disturbance control performance” with “Disturbance Control Standard” in both the Glossary and ROP.

Document Name:

Likes: 0

Dislikes: 0

Michelle D'Antuono - Oxy - Ingleside Cogeneration LP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - Andy Bolivar - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: No

Answer Comment:

I support SPP comments.

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: No

Answer Comment:

I support SPP comments.

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Bernard Johnson - Oglethorpe Power Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter

Colby Bellville

Segment

1,3,5,6

Entity

Duke Energy

Region(s)

FRCC,SERC,RFC

Selected Answer: Yes

Answer Comment:

Duke Energy suggests capilizing the term "Operating Reserve", as it is currently a defined term.

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Colby Bellville - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Duke Energy suggests capilizing the term “Operating Reserve”, as it is currently a defined term.

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Andrea Jessup - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Canadian Electricity Association - NA - Not Applicable - NA - Not Applicable

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Patrick Brown - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

20. Term 43: Resource Planner - Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathy Caignon - City of Vineland - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jonathan Appelbaum - United Illuminating Co. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Wright - San Diego Gas & Electric - 3 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	**Region(s)**
MRO	MRO

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - Emily Rousseau - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Seelke - PSEG - 1,2,5,6 - NPCC,RFC

Group Information

Group Name: PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Voter Information

Voter

John Seelke

Segment

1,2,5,6

Entity

PSEG

Region(s)

NPCC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Xcel Energy, Inc. - 1,3,5,6 - MRO,WECC,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rob Collins - Rob Collins On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co., 1, 6, 5, 3

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3

Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5

Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity **Region(s)**

Dominion - Dominion Resources, Inc.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1

David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	**Region(s)**
Northeast Power Coordinating Council	NPCC

Selected Answer: No

Answer Comment:

Loads should be capitalized.

Document Name:

Likes: 1 paquet manon On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5,

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Matthew Beilfuss - WEC Energy Group, Inc. - 3,4,5,6 - MRO,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

We also recommend capitalization of the terms “Adequacy”, “Loads”, and “Demand” within the Resource Planner (RP) definition because these terms are defined in the Glossary and we believe their usage in the RP definition narrative is intended to have the meaning of the defined terms.

While perhaps beyond the scope of this project, we also believe the definition should be modified to say “within a Balancing Authority Area or Planning Authority area.”

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Dennis Chastain - -

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

We also recommend capitalization of the terms "Adequacy", "Loads", and "Demand" within the Resource Planner (RP) definition because these terms are defined in the Glossary and we believe their usage in the RP definition narrative is intended to have the meaning of the defined terms.

While perhaps beyond the scope of this project, we also believe the definition should be modified to say "within a Balancing Authority Area or Planning Authority area."

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: No

Answer Comment:

We support the Comments Submitted by the Southwest Power Pool.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:
See our comments on the last question.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: No

Answer Comment:
See comments from SPP Standards Review Group.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: No

Answer Comment:
See comments from SPP Standards Review Group.

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Steven Rueckert - Western Electricity Coordinating Council - 10 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Si Truc Phan - Hydro-Qu?bec TransEnergie - 1 - NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Si Truc Phan - Si Truc Phan - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: No

Answer Comment:

Reference the group comments - Colorado Springs Utilities

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

The SRC has previously commented that there needs to be total consistency between all fundamental documents within NERC. Thus, while it does not disagree with the proposed changes, it recommends that the SDT take this opportunity to also synchronize this definition with the Functional Model.

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Comments provided in the attached file.

Document Name: Project_2015-04_Unofficial_Comment_Form_SRC_072615.docx

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: No

Answer Comment:

Reference the group comments - Colorado Springs Utilities

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dan Wilson - PPL Electric Utilities Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yuguang Xiao - Manitoba Hydro - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter	Segment
Chris Scanlon	1
Entity	**Region(s)**
Exelon	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Martin Boisvert - Hydro-Qu?bec TransEnergie - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1

Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

Voter Information

Voter	Segment
Jason Smith	2
Entity	**Region(s)**
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: No

Answer Comment:

The use of the term 'Planning Authority' should be discontinued and replaced with Planning Coordinator to be consistent with the Functional Model. Planning Authority no longer exists as an entity in the Functional Model. See comment on the definition for Planning Authority above. Also, in a future Phase, a SAR and new definition should be created to define Planning Coordinator Area so there is consistency with the terms Balancing Authority Area, Transmission Operator Area, and Reliability Coordinator Area. See previous comments on Planning Authority definition. Planning Coordinator Area is a term used within FAC-013-2 and FAC-014-2 for example but has no definition.

Document Name:

Likes: 0

Dislikes: 0

manon paquet - manon paquet On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Group Information

Group Name: ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6
Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Voter Information

Voter

Ben Engelby

Segment

6

Entity

ACES Power Marketing

Region(s)

Selected Answer: No

Answer Comment:

“Adequacy,” “Load,” and “Demand” are defined terms and the drafting team should consider if they should be capitalized.

Document Name:

Likes: 0

Dislikes: 0

Michelle D'Antuono - Oxy - Ingleside Cogeneration LP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - Andy Bolivar - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Bernard Johnson - Oglethorpe Power Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter

Colby Bellville

Segment

1,3,5,6

Entity

Duke Energy

Region(s)

FRCC,SERC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Colby Bellville - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Andrea Jessup - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Canadian Electricity Association - NA - Not Applicable - NA - Not Applicable

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Patrick Brown - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

21. Term 48: System Operating Limit - Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathy Caignon - City of Vineland - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jonathan Appelbaum - United Illuminating Co. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Wright - San Diego Gas & Electric - 3 - WECC

Selected Answer: No

Answer Comment:

SDG&E recommends adding "or angle" to the parenthetical in Term 48, System Operating Limits: "(such as MW, MVar, amperes, frequency, volts or angle)."

Synchrophasors provide angle and angle difference. Angle values can also be used as an SOL. In fact, angles may be a better value to monitor (than MW) when trying to determine SOLs for transient stability issues. Synchrophasors are proliferating quickly. The addition of the angle as an SOL value will open the door to allow the use of synchrophasors for system monitoring purposes.

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	**Region(s)**
MRO	MRO

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - Emily Rousseau - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Seelke - PSEG - 1,2,5,6 - NPCC,RFC

Group Information

Group Name: PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Voter Information

Voter

John Seelke

Segment

1,2,5,6

Entity

PSEG

Region(s)

NPCC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Xcel Energy, Inc. - 1,3,5,6 - MRO,WECC,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rob Collins - Rob Collins On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co., 1, 6, 5, 3

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3

Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5

Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity	Region(s)
Dominion - Dominion Resources, Inc.	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity **Region(s)**

Dominion - Dominion Resources, Inc.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1

David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	**Region(s)**
Northeast Power Coordinating Council	NPCC

Selected Answer: No

Answer Comment:

“Facility Ratings” and “Equipment Ratings” should be capitalized in the Rules of Procedure to match the Glossary.

Document Name:

Likes: 1 paquet manon On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5,

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Matthew Beilfuss - WEC Energy Group, Inc. - 3,4,5,6 - MRO,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

We also recommend changing "MVar" to "MVAr".

The following suggestions may be beyond the scope of this project: 1) consider adding "MVA" to the examples of measured values contained in the first parenthetical; 2) consider removing "Equipment Ratings" from the first bulleted item. By definition, a Facility Rating should take into consideration the most limiting Equipment Rating of any equipment comprising the Facility.

We also support the recommendation made by the Project 2015-03 Standard Drafting Team that a "FAC standards project develop revisions to the SOL definition and develop a new defined term for SOL Exceedance".

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Dennis Chastain - -

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

We also recommend changing "MVar" to "MVAr".

The following suggestions may be beyond the scope of this project: 1) consider adding "MVA" to the examples of measured values contained in the first parenthetical; 2) consider removing "Equipment Ratings" from the first bulleted item. By definition, a Facility Rating should take into consideration the most limiting Equipment Rating of any equipment comprising the Facility.

We also support the recommendation made by the Project 2015-03 Standard Drafting Team that a "FAC standards project develop revisions to the SOL definition and develop a new defined term for SOL Exceedance".

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

We support the Comments Submitted by the Southwest Power Pool.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:
See our comments on the last question.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:
See comments from SPP Standards Review Group.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Steven Rueckert - Western Electricity Coordinating Council - 10 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Si Truc Phan - Hydro-Qu?bec TransEnergie - 1 - NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Si Truc Phan - Si Truc Phan - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Comments provided in the attached file.

Document Name: Project_2015-04_Unofficial_Comment_Form_SRC_072615.docx

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dan Wilson - PPL Electric Utilities Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

Texas RE noticed inconsistency in capitalization (Facility Ratings/Equipment Ratings) in the ROP definition.

In general, Texas RE recommends consistency with capitalization. Capitalization infers a term is defined in the Glossary and/or ROP.

Document Name:

Likes: 0

Dislikes: 0

Yuguang Xiao - Manitoba Hydro - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter

Chris Scanlon

Segment

1

Entity

Exelon

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Martin Boisvert - Hydro-Qu?bec TransEnergie - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

Voter Information

Voter	Segment
Jason Smith	2

Entity	Region(s)
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: Yes

Answer Comment:

We agree with the proposed capitalization changes. We also wish to stress that future phases need to coordinate with future FAC SDT Projects in order to align any future revisions to this definition.

Document Name:

Likes: 0

Dislikes: 0

---

manon paquet - manon paquet On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Group Information

Group Name: ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5

Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6
Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Voter Information

Voter	Segment
Ben Engelby	6
Entity	**Region(s)**
ACES Power Marketing	

Selected Answer: No

Answer Comment:

The drafting team should consider the proposed changes to the definition of “System Operating Limit” in Project 2014-03. This definition may need to be postponed to accommodate for the work being done by the other drafting team.

Document Name:

Likes: 0

Dislikes: 0

Michelle D'Antuono - Oxy - Ingleside Cogeneration LP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - Andy Bolivar - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer: No

Answer Comment:

GTC agrees that the SOL definition as it stands is ambiguous and can lead to confusion. However, the proposed definition seems to equate reliability limits with SOLs which would make identification of SOLs unnecessary. SOLs should be identified as a necessary means to remain within applicable reliability limits for certain events specified by TPL-001-4. GTC does not recommend for the SOL definition simply be defined as facility ratings, voltage limits, transient stabilityratings, or voltage stability ratings as proposed. The SOL definition should be related to corrective action for certain system configurations/conditions (as specified in TPL-001-4) where curtailment of firm service is necessary to avoid exceeding applicable reliability ratings. For example, an event specified by TPL-001-4 results in a generator's output being curtailed to avoid violating an applicable reliability limit, the amount the generator is being curtailed would be classified as an SOL. For this example, the SOL could occur in the operations or planning horizon.

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer: No

Answer Comment:

GTC agrees that the SOL definition as it stands is ambiguous and can lead to confusion. However, the proposed definition seems to equate reliability limits with SOLs which would make identification of SOLs unnecessary. SOLs should be identified as a necessary means to remain within applicable reliability limits for certain events specified by TPL-001-4. GTC does not recommend for the SOL definition simply be defined as facility ratings, voltage limits, transient stability ratings, or voltage stability ratings as proposed. The SOL definition should be related to corrective action for certain system configurations/conditions (as specified in TPL-001-4) where curtailment of firm service is necessary to avoid exceeding applicable reliability ratings. For example, an event specified by TPL-001-4 results in a generator's output being curtailed to avoid violating an applicable reliability limit, the amount the generator is being curtailed would be classified as an SOL. For this example, the SOL could occur in the operations or planning horizon.

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer: No

Answer Comment:

GTC agrees that the SOL definition as it stands is ambiguous and can lead to confusion. However, the proposed definition seems to equate reliability limits with SOLs which would make identification of SOLs unnecessary. SOLs should be identified as a necessary means to remain within applicable reliability limits for certain events specified by TPL-001-4. GTC does not recommend for the SOL definition simply be defined as facility ratings, voltage limits, transient stability ratings, or voltage stability ratings as proposed. The SOL definition should be related to corrective action for certain system configurations/conditions (as specified in TPL-001-4) where curtailment of firm service is necessary to avoid exceeding applicable reliability ratings. For example, an event specified by TPL-001-4 results in a generator's output being curtailed to avoid violating an applicable reliability limit, the amount the generator is being curtailed would be classified as an SOL. For this example, the SOL could occur in the operations or planning horizon.

Document Name:

Likes: 0

Dislikes: 0

Bernard Johnson - Oglethorpe Power Corporation - 5 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter

Colby Bellville

Segment

1,3,5,6

Entity

Duke Energy

Region(s)

FRCC,SERC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Colby Bellville - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Andrea Jessup - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Canadian Electricity Association - NA - Not Applicable - NA - Not Applicable

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Patrick Brown - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

22. Term 49: Transmission Customer - Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathy Caignon - City of Vineland - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jonathan Appelbaum - United Illuminating Co. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Wright - San Diego Gas & Electric - 3 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6

Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	**Region(s)**
MRO	MRO

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - Emily Rousseau - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Seelke - PSEG - 1,2,5,6 - NPCC,RFC

Group Information

Group Name: PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Voter Information

Voter

John Seelke

Segment

1,2,5,6

Entity

PSEG

Region(s)

NPCC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Xcel Energy, Inc. - 1,3,5,6 - MRO,WECC,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rob Collins - Rob Collins On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co., 1, 6, 5, 3

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3

Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5

Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity	Region(s)
Dominion - Dominion Resources, Inc.	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity **Region(s)**

Dominion - Dominion Resources, Inc.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1

David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	**Region(s)**
Northeast Power Coordinating Council	NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 paquet manon On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5,

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Matthew Beilfuss - WEC Energy Group, Inc. - 3,4,5,6 - MRO,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

With the approval of the removal of the PSE entitiy from the NERC Compliance Registry, and the pending consideration of removal of the LSE function, it seems this definition should undergo further review that is perhaps beyond the scope of this Project.

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Dennis Chastain - -

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

With the approval of the removal of the PSE entitiy from the NERC Compliance Registry, and the pending consideration of removal of the LSE function, it seems this definition should undergo further review that is perhaps beyond the scope of this Project.

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: No

Answer Comment:

We support the Comments Submitted by the Southwest Power Pool.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:
See our comments on the last question.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: No

Answer Comment:
See comments from SPP Standards Review Group.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: No

Answer Comment:
See comments from SPP Standards Review Group.

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Steven Rueckert - Western Electricity Coordinating Council - 10 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Si Truc Phan - Hydro-Qu?bec TransEnergie - 1 - NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Si Truc Phan - Si Truc Phan - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: No

Answer Comment:

Reference the group comments - Colorado Springs Utilities

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Comments provided in the attached file.

Document Name: Project_2015-04_Unofficial_Comment_Form_SRC_072615.docx

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: No

Answer Comment:

Reference the group comments - Colorado Springs Utilities

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dan Wilson - PPL Electric Utilities Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yuguang Xiao - Manitoba Hydro - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter	Segment
Chris Scanlon	1
Entity	**Region(s)**
Exelon	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Martin Boisvert - Hydro-Qu?bec TransEnergie - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1

Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

Voter Information

Voter	Segment
Jason Smith	2
Entity	**Region(s)**
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: No

Answer Comment:

The term 'Purchasing-Selling Entity' has been retired from the NERC Reliability Functional Model and should be removed from the definition. Future retirement of the term Load-Serving Entity from the NERC Reliability Functional Model and NERC Glossary may require a future change.

Document Name:

Likes: 0

Dislikes: 0

manon paquet - manon paquet On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Group Information

Group Name: ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6
Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Voter Information

Voter	Segment
Ben Engelby	6
Entity	**Region(s)**
ACES Power Marketing	

Selected Answer: No

Answer Comment:

We recommend removing the Purchasing-Selling Entity from the definition, as this is no longer a registered function (effective March 19, 2015). The proposed revisions to “Transmission Customer” may need to be postponed until there is certainty regarding the outcome of the retirement of the LSE. If both the LSE and PSE retire, the second bullet would result in only a GO being a responsible entity.

Document Name:

Likes: 0

Dislikes: 0

Michelle D'Antuono - Oxy - Ingleside Cogeneration LP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - Andy Bolivar - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Bernard Johnson - Oglethorpe Power Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter

Colby Bellville

Segment

1,3,5,6

Entity

Duke Energy

Region(s)

FRCC,SERC,RFC

Selected Answer: Yes

Answer Comment:

Duke Energy suggests the drafting team consider whether the inclusion of the Purchasing-Selling Entity should be removed in light of FERC approval regarding Risk Based Registration. The same could be said for the use of the term Load Serving Entity as well, depending on a ruling from FERC.

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Colby Bellville - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Duke Energy suggests the drafting team consider whether the inclusion of the Purchasing-Selling Entity should be removed in light of FERC approval regarding Risk Based Registration. The same could be said for the use of the term Load Serving Entity as well, depending on a ruling from FERC.

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Andrea Jessup - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Canadian Electricity Association - NA - Not Applicable - NA - Not Applicable

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Patrick Brown - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

23. Term 50: Transmission Operator - Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathy Caignon - City of Vineland - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jonathan Appelbaum - United Illuminating Co. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Wright - San Diego Gas & Electric - 3 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	**Region(s)**
MRO	MRO

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - Emily Rousseau - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

While we agree with the proposed change, the definition in the NERC Glossary and the proposed edit, are inconsistent with the definition presented in the Functional Model. We suggest the SDT to either adopt the FM definition, or to revise the definition in the FM to achieve total consistency.

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Seelke - PSEG - 1,2,5,6 - NPCC,RFC

Group Information

Group Name: PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Voter Information

Voter

John Seelke

Segment

1,2,5,6

Entity

PSEG

Region(s)

NPCC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Xcel Energy, Inc. - 1,3,5,6 - MRO,WECC,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rob Collins - Rob Collins On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co., 1, 6, 5, 3

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3

Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6
Entity	**Region(s)**
Dominion - Dominion Resources, Inc.	

Selected Answer: No

Answer Comment:

Dominion recommends that the word 'transmission' should also be capitalized as it too is a defined term in the NERC Glossary.

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6

Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity	Region(s)
Dominion - Dominion Resources, Inc.	

Selected Answer: No

Answer Comment:

Dominion recommends that the word ‘transmission’ should also be capitalized as it too is a defined term in the NERC Glossary**.**

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity	Region(s)
Dominion - Dominion Resources, Inc.	

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10

Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	**Region(s)**
Northeast Power Coordinating Council	NPCC

Selected Answer: No

Answer Comment:

In addition to Facilities, Transmission should be capitalized.

Suggest to clearly define ‘Facilities’ to prevent the confusion from TOP versus GOP. We recognize the effort that is mentioned in Footnotes 3 and 4 on pages 6 and 7, but the revisions should be done under this project.

Document Name:

Likes: 3 Hydro-Qu?bec TransEnergie, 1, Phan Si Truc
Si Truc Phan, N/A, Phan Si Truc
Hydro-Qu?bec TransEnergie, 1, Boisvert Martin
paquet manon On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5,

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Matthew Beilfuss - WEC Energy Group, Inc. - 3,4,5,6 - MRO,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

For form consistency with other entity type definitions contained in the Glossary, we recommend starting the definition with "The entity that reliably operates its "local" Transmission system,…" rather than "The entity responsible for the reliability of its "local" transmission system,…". We also recommend capitalization of the term "Transmission" within the Transmission Operator (TOP) definition because this term is defined in the Glossary and we believe its usage in the TOP definition narrative is intended to have the meaning of the defined term.

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Dennis Chastain - -

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

For form consistency with other entity type definitions contained in the Glossary, we recommend starting the definition with "The entity that reliably operates its "local" Transmission system,…" rather than "The entity responsible for the reliability of its "local" transmission system,…". We also recommend capitalization of the term "Transmission" within the Transmission Operator (TOP) definition because this term is defined in the Glossary and we believe its usage in the TOP definition narrative is intended to have the meaning of the defined term.

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

We support the Comments Submitted by the Southwest Power Pool.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:
See our comments on the last question.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:
See comments from SPP Standards Review Group.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Steven Rueckert - Western Electricity Coordinating Council - 10 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Si Truc Phan - Hydro-Qu?bec TransEnergie - 1 - NPCC

Selected Answer: No

Answer Comment:

Suggest to clearly define ‘Facilities’ to prevent the confusion from TOP versus GOP. We

recognize the effort that is mentioned in Footnotes 3 and 4 on pages 6 and 7, but the

revisions should be done under this project.

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Si Truc Phan - Si Truc Phan - -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

The SRC has previously commented that there needs to be total consistency between all fundamental documents within NERC. Thus, while it does not disagree with the proposed changes, it recommends that the SDT take this opportunity to also synchronize this definition with the Functional Model.

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Comments provided in the attached file.

Document Name: Project_2015-04_Unofficial_Comment_Form_SRC_072615.docx

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: No

Answer Comment:

The NERC Functional Model defined Transmission Operator as "The functional entity that ensures the Real-time operating reliability of the transmission assets within a Transmission Operator Area."

The SDT and NERC should consider the implecations of this term as it has caused some confusion in the application of CIP-002-5 which classifies "Control Centers performing the functional obligatoins of a Transmission Operator" as medium facilities even if they ARE NOT registered as a TOP. However, if a control center simply 'operates' a Transmission Facility (under the direction of another Registered TOP) that should be considered performing the function of a TOP.

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dan Wilson - PPL Electric Utilities Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: No

Answer Comment:

The NERC Functional Model defined Transmission Operator as "The functional entity that ensures the Realtime
operating reliability of the transmission assets within a Transmission Operator Area."
The SDT and NERC should consider the implecations of this term as it has caused some confusion in the application of CIP0025
which
classifies "Control Centers performing the functional obligatoins of a Transmission Operator" as medium facilities even if they ARE NOT
registered as a TOP. However, if a control center simply 'operates' a Transmission Facility (under the direction of another Registered TOP) that
should be considered performing the function of a TOP.

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: No

Answer Comment:

The NERC Functional Model defined Transmission Operator as "The functional entity that ensures the Realtime
operating reliability of the transmission assets within a Transmission Operator Area."
The SDT and NERC should consider the implecations of this term as it has caused some confusion in the application of CIP0025
which classifies "Control Centers performing the functional obligatoins of a Transmission Operator" as medium facilities even if they ARE NOT
registered as a TOP. However, if a control center simply 'operates' a Transmission Facility (under the direction of another Registered TOP) that
should be considered performing the function of a TOP.

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: No

Answer Comment:

Inconsistent approach is used for referencing defined terms with differnent suffixes. For defined term "Facility", sometimes referenced as "Facilities" and other times "Facility(ies)".

Note that this inconsistency extends to multiple Glossary of Terms definitions that are not currently addressed in this project.

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yuguang Xiao - Manitoba Hydro - 5 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter

Chris Scanlon

Segment

1

Entity

Exelon

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Martin Boisvert - Hydro-Qu?bec TransEnergie - 1 -

Selected Answer: No

Answer Comment:
See comments from NPCC--Project 2015-04

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

Voter Information

Voter	Segment
Jason Smith	2

Entity	Region(s)
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: Yes

Answer Comment:

Agree with the capitalization change. However please review comment on the definition for Reactive Power. The term “transmission facilities” is used in that definition and Facilities should be capitalized there as well. It seems the proposed changes between this definition and Reactive Power are using different logic to determine whether Facilities should be capitalized. Additionally, the word “system” in this definition may need to be capitalized as well.

Document Name:

Likes: 0

Dislikes: 0

---

manon paquet - manon paquet On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5

Selected Answer: No

Answer Comment:

In addition to Facilities, Transmission should be capitalized.

Suggest to clearly define ‘Facilities’ to prevent the confusion from TOP versus GOP. We recognize the effort that is mentioned in

Footnotes 3 and 4 on pages 6 and 7, but the revisions should be done under this project.

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Group Information

Group Name: ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5

Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6
Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Voter Information

Voter	Segment
Ben Engelby	6
Entity	**Region(s)**
ACES Power Marketing	

Selected Answer: No

Answer Comment: “Transmission” and “System” are defined terms and the drafting team should consider if they should be capitalized.

Document Name:

Likes: 0

Dislikes: 0

Michelle D'Antuono - Oxy - Ingleside Cogeneration LP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - Andy Bolivar - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Bernard Johnson - Oglethorpe Power Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter

Colby Bellville

Segment

1,3,5,6

Entity

Duke Energy

Region(s)

FRCC,SERC,RFC

Selected Answer: Yes

Answer Comment:

Duke Energy suggests capitalizing the term "Transmission" throughout the definition, as it is currently a defined term.

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Colby Bellville - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Duke Energy suggests capitalizing the term “Transmission” throughout the definition, as it is currently a defined term.

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Andrea Jessup - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Canadian Electricity Association - NA - Not Applicable - NA - Not Applicable

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Patrick Brown - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

24. Term 51: Transmission Owner - Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathy Caignon - City of Vineland - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jonathan Appelbaum - United Illuminating Co. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Wright - San Diego Gas & Electric - 3 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	**Region(s)**
MRO	MRO

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - Emily Rousseau - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Seelke - PSEG - 1,2,5,6 - NPCC,RFC

Group Information

Group Name: PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Voter Information

Voter

John Seelke

Segment

1,2,5,6

Entity

PSEG

Region(s)

NPCC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Xcel Energy, Inc. - 1,3,5,6 - MRO,WECC,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rob Collins - Rob Collins On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co., 1, 6, 5, 3

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3

Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6
Entity	**Region(s)**
Dominion - Dominion Resources, Inc.	

Selected Answer: No

Answer Comment:

Dominion recommends that the word 'transmission' should also be capitalized as it too is a defined term in the NERC Glossary.

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6

Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity	Region(s)
Dominion - Dominion Resources, Inc.	

Selected Answer: No

Answer Comment:

Dominion recommends that the word ‘transmission’ should also be capitalized as it too is a defined term in the NERC Glossary**.**

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity	Region(s)
Dominion - Dominion Resources, Inc.	

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10

Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	**Region(s)**
Northeast Power Coordinating Council	NPCC

Selected Answer: No

Answer Comment:

Suggest to clearly define ‘Facilities’ to prevent the confusion from TOP versus GOP. We recognize the effort that is mentioned in Footnotes 3 and 4 on pages 6 and 7, but the revisions should be done under this project.

Document Name:

Likes: 3 Hydro-Qu?bec TransEnergie, 1, Phan Si Truc
Si Truc Phan, N/A, Phan Si Truc
Hydro-Qu?bec TransEnergie, 1, Boisvert Martin
paquet manon On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5,

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Matthew Beilfuss - WEC Energy Group, Inc. - 3,4,5,6 - MRO,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

We also recommend capitalization of the term "Transmission" within the Transmission Owner (TO) definition because this term is defined in the Glossary and we believe its usage in the TO definition narrative is intended to have the meaning of the defined term.

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Dennis Chastain - -

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

We also recommend capitalization of the term "Transmission" within the Transmission Owner (TO) definition because this term is defined in the Glossary and we believe its usage in the TO definition narrative is intended to have the meaning of the defined term.

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: No

Answer Comment:

Is there ever a difference between the entity that owns it and the entity that maintains it? Perhaps there could be some discrepancy between the two.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

We support the Comments Submitted by the Southwest Power Pool.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:
See our comments on the last question.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:
See comments from SPP Standards Review Group.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Steven Rueckert - Western Electricity Coordinating Council - 10 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Si Truc Phan - Hydro-Qu?bec TransEnergie - 1 - NPCC

Selected Answer: No

Answer Comment:

Suggest to clearly define ‘Facilities’ to prevent the confusion from TO versus

GO. We recognize the effort that is mentioned in Footnotes 3 and 4 on pages 6 and 7, but

the revisions should be done under this project.

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Si Truc Phan - Si Truc Phan - -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

The SRC has previously commented that there needs to be total consistency between all fundamental documents within NERC. Thus, while it does not disagree with the proposed changes, it recommends that the SDT take this opportunity to also synchronize this definition with the Functional Model.

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Comments provided in the attached file.

Document Name: Project_2015-04_Unofficial_Comment_Form_SRC_072615.docx

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dan Wilson - PPL Electric Utilities Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: No

Answer Comment:

Inconsistent approach is used for referencing defined terms with differnent suffixes. For defined term "Facility", sometimes referenced as "Facilities" and other times "Facility(ies)".

Note that this inconsistency extends to multiple Glossary of Terms definitions that are not currently addressed in this project.

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yuguang Xiao - Manitoba Hydro - 5 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter

Chris Scanlon

Segment

1

Entity

Exelon

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Martin Boisvert - Hydro-Qu?bec TransEnergie - 1 -

Selected Answer: No

Answer Comment:
See comments from NPCC--Project 2015-04

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

Voter Information

Voter	Segment
Jason Smith	2

Entity	Region(s)
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: Yes

Answer Comment:

Agree with the capitalization change. However please review comment on the definition for Reactive Power. The term “transmission facilities” is used in that definition and Facilities should be capitalized there as well. It seems the proposed changes between this definition and Reactive Power are using different logic to determine whether Facilities should be capitalized.

Document Name:

Likes: 0

Dislikes: 0

---

manon paquet - manon paquet On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5

Selected Answer: No

Answer Comment:

Suggest to clearly define ‘Facilities’ to prevent the confusion from TOP versus GOP. We recognize the effort that is mentioned in

Footnotes 3 and 4 on pages 6 and 7, but the revisions should be done under this project.

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Group Information

Group Name: ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5

Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6
Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Voter Information

Voter	Segment
Ben Engelby	6
Entity	**Region(s)**
ACES Power Marketing	

Selected Answer: No

Answer Comment: “Transmission” is a defined term and the drafting team should consider if it should be capitalized.

Document Name:

Likes: 0

Dislikes: 0

Michelle D'Antuono - Oxy - Ingleside Cogeneration LP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - Andy Bolivar - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Is there ever a difference between the entity that owns it and the entity that maintains it? Perhaps there could be some discrepancy between the two.

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Bernard Johnson - Oglethorpe Power Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter

Colby Bellville

Segment

1,3,5,6

Entity

Duke Energy

Region(s)

FRCC,SERC,RFC

Selected Answer: Yes

Answer Comment:

Duke Energy suggests capitalizing the term "Transmission" throughout the definition, as it is currently a defined term.

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Colby Bellville - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Duke Energy suggests capitalizing the term “Transmission” throughout the definition, as it is currently a defined term.

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Andrea Jessup - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Canadian Electricity Association - NA - Not Applicable - NA - Not Applicable

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Patrick Brown - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

25. Term 52: Transmission Planner - Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathy Caignon - City of Vineland - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jonathan Appelbaum - United Illuminating Co. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Wright - San Diego Gas & Electric - 3 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	**Region(s)**
MRO	MRO

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - Emily Rousseau - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Seelke - PSEG - 1,2,5,6 - NPCC,RFC

Group Information

Group Name: PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Voter Information

Voter

John Seelke

Segment

1,2,5,6

Entity

PSEG

Region(s)

NPCC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Xcel Energy, Inc. - 1,3,5,6 - MRO,WECC,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rob Collins - Rob Collins On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co., 1, 6, 5, 3

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3

Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5

Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity **Region(s)**

Dominion - Dominion Resources, Inc.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1

David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	**Region(s)**
Northeast Power Coordinating Council	NPCC

Selected Answer: No

Answer Comment:

Transmission Systems should be capitalized. Both are defined terms in the NERC Glossary. Transmission System should be uniquely defined. The definitions of Tranmission and System should not have to be merged by a reader to create the Transmission System definition.

Document Name:

Likes: 2 Hydro-Qu?bec TransEnergie, 1, Phan Si Truc
Si Truc Phan, N/A, Phan Si Truc
paquet manon On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5,

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Matthew Beilfuss - WEC Energy Group, Inc. - 3,4,5,6 - MRO,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

We also recommend capitalization of the terms "Adequacy" and "Transmission" within the Transmission Planner (TP) definition because these terms are defined in the Glossary and we believe their usage in the TP definition narrative is intended to have the meaning of the defined terms.

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Dennis Chastain - -

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

We also recommend capitalization of the terms "Adequacy" and "Transmission" within the Transmission Planner (TP) definition because these terms are defined in the Glossary and we believe their usage in the TP definition narrative is intended to have the meaning of the defined terms.

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: No

Answer Comment:

We support the Comments Submitted by the Southwest Power Pool.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:
See our comments on the last question.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: No

Answer Comment:
See comments from SPP Standards Review Group.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: No

Answer Comment:
See comments from SPP Standards Review Group.

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Steven Rueckert - Western Electricity Coordinating Council - 10 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Si Truc Phan - Hydro-Qu?bec TransEnergie - 1 - NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Si Truc Phan - Si Truc Phan - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: No

Answer Comment:

Reference the group comments - Colorado Springs Utilities

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: No

Answer Comment:

The SRC has previously commented that there needs to be total consistency between all fundamental documents within NERC. Thus, while it does not disagree with the proposed changes, it recommends that the SDT take this opportunity to also synchronize this definition with the Functional Model. The SRC notes that the Functional Model references a Transmission Planner area.

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: No

Answer Comment:

Comments provided in the attached file.

Document Name: Project_2015-04_Unofficial_Comment_Form_SRC_072615.docx

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: No

Answer Comment:

Reference the group comments - Colorado Springs Utilities

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: No

Answer Comment:

The same confusion and gap as with a Planning Coordinator exists. FEUS recommends a broader discusison on the two functional entities and their roles as the Reliability Standards do not clearly deliniate their responsibilities nor do the definitions.

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dan Wilson - PPL Electric Utilities Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: No

Answer Comment:

The same confusion and gap as with a Planning Coordinator exists. FEUS recommends a broader discusison on the two functional entities and their roles as the Reliability Standards do not clearly deliniate their responsibilities nor do the definitions.

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: No

Answer Comment:

The same confusion and gap as with a Planning Coordinator exists. FEUS recommends a broader discusison on the two functional entities and their roles as the Reliability Standards do not clearly deliniate their responsibilities nor do the definitions.

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yuguang Xiao - Manitoba Hydro - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter	Segment
Chris Scanlon	1
Entity	**Region(s)**
Exelon	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Martin Boisvert - Hydro-Qu?bec TransEnergie - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1

Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

Voter Information

Voter	Segment
Jason Smith	2
Entity	**Region(s)**
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: No

Answer Comment:

The use of the term 'Planning Authority' should be discontinued and replaced with Planning Coordinator to be consistent with the Functional Model. Planning Authority no longer exists as an entity in the Functional Model. See comment on the definition for Planning Authority above. Also, in a future Phase, a SAR and new definition should be created to define Planning Coordinator Area so there is consistency with the terms Balancing Authority Area, Transmission Operator Area, and Reliability Coordinator Area. See previous comments on Planning Authority definition. Planning Coordinator Area is a term used within FAC-013-2 and FAC-014-2 for example but has no definition.

We also comment that in Phase 2, the phrase in the current definition "the interconnected bulk electric transmission systems" should be changed to "its portion of the interconnected Bulk-Electric System".

Finally, we comment for Phase 2 that the definition could be improved such that the phrase "reliability (adequacy)" is removed and replaced with the defined term "Reliable Operation". This would make it more consistent with other terms in the Glossary and ROP.

Document Name:

Likes: 0

Dislikes: 0

manon paquet - manon paquet On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Group Information

Group Name: ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6
Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Voter Information

Voter **Segment**

Ben Engelby

6

Entity

Region(s)

ACES Power Marketing

Selected Answer: No

Answer Comment:

The phrase “interconnected bulk electric transmission systems” should be replaced with either “Bulk Electric System” or “Interconnection.”

Document Name:

Likes: 0

Dislikes: 0

Michelle D'Antuono - Oxy - Ingleside Cogeneration LP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - Andy Bolivar - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Bernard Johnson - Oglethorpe Power Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter

Colby Bellville

Segment

1,3,5,6

Entity

Duke Energy

Region(s)

FRCC,SERC,RFC

Selected Answer: Yes

Answer Comment:

Duke Energy suggests capitalizing the term "Transmission" throughout the definition, as it is currently a defined term.

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Colby Bellville - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Duke Energy suggests capitalizing the term “Transmission” throughout the definition, as it is currently a defined term.

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Andrea Jessup - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Canadian Electricity Association - NA - Not Applicable - NA - Not Applicable

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Patrick Brown - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

26. Term 54: Transmission Service Provider - Unofficial Word version of Comment Form for Redline.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathy Caignon - City of Vineland - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jonathan Appelbaum - United Illuminating Co. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Wright - San Diego Gas & Electric - 3 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	**Region(s)**
MRO	MRO

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - Emily Rousseau - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Seelke - PSEG - 1,2,5,6 - NPCC,RFC

Group Information

Group Name: PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Voter Information

Voter

John Seelke

Segment

1,2,5,6

Entity

PSEG

Region(s)

NPCC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Xcel Energy, Inc. - 1,3,5,6 - MRO,WECC,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rob Collins - Rob Collins On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co., 1, 6, 5, 3

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3

Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5

Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6
Entity	**Region(s)**
Dominion - Dominion Resources, Inc.	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity **Region(s)**

Dominion - Dominion Resources, Inc.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1

David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	**Region(s)**
Northeast Power Coordinating Council	NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 paquet manon On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5,

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Matthew Beilfuss - WEC Energy Group, Inc. - 3,4,5,6 - MRO,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

We also recommend capitalization of the term "Transmission" within the Transmission Service Provider (TSP) definition because this term is defined in the Glossary and we believe its usage in the TSP definition narrative is intended to have the meaning of the defined term.

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Dennis Chastain - -

Selected Answer: Yes

Answer Comment:

For alignment purposes, we agree with the proposed change to the Glossary definition.

We also recommend capitalization of the term "Transmission" within the Transmission Service Provider (TSP) definition because this term is defined in the Glossary and we believe its usage in the TSP definition narrative is intended to have the meaning of the defined term.

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

We support the Comments Submitted by the Southwest Power Pool.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:
See our comments on the last question.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer: No

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:
See comments from SPP Standards Review Group.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Steven Rueckert - Western Electricity Coordinating Council - 10 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Si Truc Phan - Hydro-Qu?bec TransEnergie - 1 - NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Si Truc Phan - Si Truc Phan - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer: Yes

Answer Comment:

Comments provided in the attached file.

Document Name: Project_2015-04_Unofficial_Comment_Form_SRC_072615.docx

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dan Wilson - PPL Electric Utilities Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yuguang Xiao - Manitoba Hydro - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter	Segment
Chris Scanlon	1
Entity	**Region(s)**
Exelon	

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Martin Boisvert - Hydro-Qu?bec TransEnergie - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1

Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

Voter Information

Voter	Segment
Jason Smith	2
Entity	**Region(s)**
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: Yes

Answer Comment:

For Phase 2, we suggest reviewing the term 'Agreement' as it is a defined term and its usage appears to also be intended to have the meaning of the defined term.

Document Name:

Likes: 0

Dislikes: 0

manon paquet - manon paquet On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Group Information

Group Name: ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6
Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Voter Information

Voter

Ben Engelby

Segment

6

Entity

ACES Power Marketing

Region(s)

Selected Answer: No

Answer Comment:

“Transmission” and “Agreement” are defined terms and the drafting team should consider if they should be capitalized.

Document Name:

Likes: 0

Dislikes: 0

Michelle D'Antuono - Oxy - Ingleside Cogeneration LP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - Andy Bolivar - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Bernard Johnson - Oglethorpe Power Corporation - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter

Colby Bellville

Segment

1,3,5,6

Entity

Duke Energy

Region(s)

FRCC,SERC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Colby Bellville - -

Error: Subreport could not be shown.

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Andrea Jessup - -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Canadian Electricity Association - NA - Not Applicable - NA - Not Applicable

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Patrick Brown - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

27. If you have additional comments on the proposed revisions to the Glossary definitions that you have not provided in your responses above, please provide them here.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathy Caignon - City of Vineland - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jonathan Appelbaum - United Illuminating Co. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Wright - San Diego Gas & Electric - 3 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6

Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	**Region(s)**
MRO	MRO

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - Emily Rousseau - -

Error: Subreport could not be shown.

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer:

Answer Comment:

We commented on the SAR to highlight the importance of achieving total consistency across the terms defined in Reliability Standards, RoP and Functional Model, and suggested that the purpose statement, scope of work, goals and detail description of work of this project be expanded to include reviewing terms defined in the Functional Model. We noticed that the proposed changes to the NERC Glossary (and the ROP) do not appear to be fully aligned with the terms defined in the FM. We suggest the drafting team to follow-up on its proposed approach outlined in the response to our comment, that: "… The drafting team work for Project 2015-04 will focus on aligning the cross-over terms in the Glossary and ROP. The Functional Model Advisory Group will be provided with the results of the drafting team work, so that appropriate changes can be made to the Functional Model."

We once again propose the SDT to make the appropriate changes to the terms defined in the three documents as necessary and appropriate to achieve total consistency. We do not believe changes to the FM are outside of the scope of the project, but where in the SDT's opinion this is the case, we suggest that the SDT amend the SAR to include the terms defined in the FM.

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Seelke - PSEG - 1,2,5,6 - NPCC,RFC

Group Information

Group Name: PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Voter Information

Voter

John Seelke

Segment

1,2,5,6

Entity

PSEG

Region(s)

NPCC,RFC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Xcel Energy, Inc. - 1,3,5,6 - MRO,WECC,SPP

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Amy Casuscelli - Amy Casuscelli - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Minton - Florida Keys Electric Cooperative Assoc. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rob Collins - Rob Collins On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co., 1, 6, 5, 3

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3

Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5

Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter

Louis Slade

Segment

6

Entity

Dominion - Dominion Resources, Inc.

Region(s)

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6
Entity	**Region(s)**
Dominion - Dominion Resources, Inc.	

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Louis Slade - Dominion - Dominion Resources, Inc. - 6 -

Group Information

Group Name: Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Randi Heise	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Connie Lowe	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Louis Slade	NERC Compliance Policy	NA - Not Applicable	1,3,5,6
Chip Humphrey	Power Generation Compliance	NA - Not Applicable	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	NA - Not Applicable	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

Voter Information

Voter	Segment
Louis Slade	6

Entity **Region(s)**

Dominion - Dominion Resources, Inc.

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1

David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	**Region(s)**
Northeast Power Coordinating Council	NPCC

Selected Answer:

Answer Comment:

Is there a NERC endorsed consistent format for capitalization when you have a term that is made up of several words, and is not defined in the NERC Glossary, but some of the words are defined? For example, in PRC-002-2 Disturbance Monitoring and Reporting Requirements, the Standard uses the term dynamic Disturbance recording. Only Disturbance is capitalized because it is the only word in the NERC Glossary.

This Comment Form is asking for input on the alignment of the terms in the NERC Glossary and the RoP. To ensure a comprehensive comparison and review,why aren't all the terms listed in the Proposed Revisions to Appendix 2 of the Rules of Procedure - Project 2015-04 Alignment of Terms included in this Comment Form?

The term 'Reliable Operation' must be also capitalized in the definition of 'Frequency Response Obligation'; 'Interconnected Operations Service' or archive terms such as 'Frequency Bias Setting' 2005; 'Overlap Regulation Service'.

Document Name:

Likes: 2 Hydro-Qu?bec TransEnergie, 1, Phan Si Truc
Si Truc Phan, N/A, Phan Si Truc
paquet manon On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5,

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Joe O'Brien - NiSource - Northern Indiana Public Service Co. - 6 -

Selected Answer:

Answer Comment:
None

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Pusztai - American Transmission Company, LLC - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Matthew Beilfuss - WEC Energy Group, Inc. - 3,4,5,6 - MRO,RFC

Selected Answer:

Answer Comment:
No comments

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Dennis Chastain - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert Coughlin - Robert Coughlin On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Pearson - John Pearson On Behalf of: Michael Puscas, ISO New England, Inc., 2

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer:

Answer Comment:

We support the Comments Submitted by the Southwest Power Pool.

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Group Information

Group Name: Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

Voter Information

Voter

Kaleb Brimhall

Segment

5

Entity

Colorado Springs Utilities

Region(s)

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer:

Answer Comment:

Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them.

From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term.

While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

Document Name:

Likes: 0

Dislikes: 0

Terry BIlke - Midcontinent ISO, Inc. - 2 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer:

Answer Comment:

See comments from SPP Standards Review Group.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer:

Answer Comment:
See comments from SPP Standards Review Group.

Document Name:

Likes: 0

Dislikes: 0

John Allen - City Utilities of Springfield, Missouri - 4 -

Selected Answer:

Answer Comment:
See comments from SPP Standards Review Group.

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeremy Voll - Basin Electric Power Cooperative - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Steven Rueckert - Western Electricity Coordinating Council - 10 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Schuster - Duke Energy - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Si Truc Phan - Hydro-Qu?bec TransEnergie - 1 - NPCC

Selected Answer:

Answer Comment:

On phase II of this project, Suggest to change the term ‘Interchange Authority’ to ‘Interchange Coordinator’ to harmonize with Planning Coordinator, Reliability Coordinator, etc.

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Si Truc Phan - Si Truc Phan - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 1 Hydro-Qu?bec TransEnergie, 1, Boisvert Martin

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer:

Answer Comment:

The SRC respectfully suggests that this project and the proposed additional

phases have the potential to result in additional revisions to Reliability Standards through official efforts as well as unintentional consequences to the meaning and/or intent of Reliability Standards. While achieving consistency is an important effort, the maintenance of multiple definitions and the modification of definitions outside of specific, focused drafting processes for particular standards could exacerbate the potential for adverse and unintended consequences. Hence, the SRC would recommend that the SDT re-consider its proposal for additional phases and provide any proposed or recommended revisions for definitions to the SDTs or periodic review teams associated with affected Reliability Standards where impacts are standard-specific.

The SRC respectfully suggests that the SDT utilize this effort to define the Glossary of terms Used in Reliability Standards as the primary repository of defined terms for all NERC documents. There are opportunities in other documents to cross-reference the Glossary and such opportunities should be seized to facilitate and maintain consistency on an ongoing basis. As an example, the last paragraph of the General Section of Appendix 2 of the Rules of Procedure provides statements referencing terms having their "commonly understood" and "technical meanings." As the Rules of Procedure already provides for cross-referencing to "define" terms, the SRC respectfully suggests that, to reduce the potential for inconsistent terms on the future, NERC utilize a cross-reference to the NERC Glossary of Terms Used In Reliability Standards and only define those terms that are specific to the Rules of Procedure or are defined differently as a result of their usage in Rules of Procedure. This would simplify the Rules Of Procedure, reduce ongoing confusion regarding the differing "glossaries" and facilitate ongoing consistency. To effect this recommendation, the SRC suggests that the paragraph in the General Section beginning "Definitions of terms in this Appendix…" be deleted and the following paragraph modified by adding the following sentence at its beginning:

"Defined Terms utilized in these Rules of Procedure shall have the definition provided in the NERC Glossary of Terms Used In Reliability Standards unless otherwise defined below. Other terms used on the Rules of Procedure…."

To reiterate its comments above, the SRC commented on the SAR to highlight the importance of achieving total consistency across the terms defined in Reliability Standards, Rules of Procedure, and Functional Model, and suggested that the purpose statement, scope of work, goals and detail description of work of this project be expanded to include reviewing terms defined in the Functional Model. As noted, the proposed changes to the NERC Glossary (and the Rules Of Procedure) do not appear to be fully aligned with the terms defined in the Functional Model. The SRC suggests that the drafting team reconsider its proposed approach outlined in the response to our comment, that: "… The

drafting team work for Project 2015-04 will focus on aligning the cross-over terms in the Glossary and Rules Of Procedure. The Functional Model Advisory Group will be provided with the results of the drafting team work, so that appropriate changes can be made to the Functional Model."

As noted in the White Paper regarding the Proposed Revisions to Align Definitions in the Glossary of Terms and Rules of Procedure, discrete revision processes were a cause of several terms becoming incongruent. To avoid a similar result with the process to revise the Functional Model, it is recommended that the SAR be revised to allow all definitions changes not associated with specific reliability standards to be consolidated into one effort. Thus, the SRC recommends that the SDT make the appropriate changes to the terms defined in the three documents as necessary and appropriate to achieve total consistency.

Finally, the SDT should ensure that the definitions are consistent when it comes to the use of the terms "Bulk Power System" and "Bulk Electric System." If this cannot be done in Phase 1 of the project, then it should be evaluated in the proposed future phases.

Document Name:

Likes: 0

Dislikes: 0

christina bigelow - Electric Reliability Council of Texas, Inc. - 2 -

Group Information

Group Name: IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2
Ali Miremadi	CAISO	WECC	2

Voter Information

Voter

christina bigelow

Segment

2

Entity

Electric Reliability Council of Texas, Inc.

Region(s)

Selected Answer:

Answer Comment:

Comments provided in the attached file.

Document Name: Project_2015-04_Unofficial_Comment_Form_SRC_072615.docx

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Heather Morgan - EDP Renewables North America LLC - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Shawna Speer - Colorado Springs Utilities - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer:

Answer Comment:

The NERC Glossary and Terms and NERC Rules of Procedure fail to align (and in some instances contradict) the NERC Functional Model. In order provide consistency and clarity to the industry, the NERC Functional Model should be reviewed and revised.

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dan Wilson - PPL Electric Utilities Corporation - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer:

Answer Comment:

The NERC Glossary and Terms and NERC Rules of Procedure fail to align (and in some instances contradict) the NERC Functional Model. In
order provide consistency and clarity to the industry, the NERC Functional Model should be reviewed and revised.

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yvonne McMackin - Public Utility District No. 2 of Grant County, Washington - 4 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Michiko Sell - Public Utility District No. 2 of Grant County, Washington - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Alex Ybarra - Public Utility District No. 2 of Grant County, Washington - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Linda Jacobson-Quinn - City of Farmington - 3 -

Selected Answer:

Answer Comment:

The NERC Glossary and Terms and NERC Rules of Procedure fail to align (and in some instances contradict) the NERC Functional Model. In
order provide consistency and clarity to the industry, the NERC Functional Model should be reviewed and revised.

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer:

Answer Comment:

Numerous Glossary of Terms definitions not identified in this project require modification to align with whichever approach is consistently applied for referencing defined terms with suffixes that modify how the defined term appears (ex. "Facility" being referenced as "Facilities" or "Facility(ies)"). Once a unified approach is determined, it should be applied to all instances when referencing this defined term, in addition to other defined terms where the suffix modifies how the term appears in the Glossary.

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Gallo - Austin Energy - 6 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Yuguang Xiao - Manitoba Hydro - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter	Segment
Chris Scanlon	1
Entity	**Region(s)**
Exelon	

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Martin Boisvert - Hydro-Qu?bec TransEnergie - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Erika Doot - U.S. Bureau of Reclamation - 5 -

Selected Answer:

Answer Comment:

Reclamation would like to thank the drafting team for their efforts.

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6

Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

Voter Information

Voter	Segment
Jason Smith	2
Entity	**Region(s)**
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer:

Answer Comment:

We truly commend the drafting team on their efforts associated with this project. However, this review group would like the drafting team to provide more clarity on what Legal Documentation serves as the foundation (carries the most weight) or driving force to the project. We see that the Federal Power Act was mentioned several times in association with the Glossary of Terms and Rules of Procedure (RoP). We feel this clarification will definitely help give the industry a better understanding of how the drafting team developed their recommendations for phase I and phase II of this project.

Additionally, we suggest to the drafting team to evaluate the term 'Interpersonal Communication' in COM-001-2. The review group feels that there is an uncertainty on the intent of the phrase 'any medium' within the definition. We would like to see more clarity provided on what this phrase is applicable to. Would this phrase be applicable only to real-time communication? Is it just for audible methods or does visual fit the equation? For example in Requirement R9, there is confusion on what is intended by the phrase 'initiate action to repair or designate a replacement'. Additionally in Requirement R10, our concern would be what would be designated as a 'medium' in this process (when does the time start). We're not sure if this term qualifies for either phase of your project but, we figured that it wouldn't hurt to mention our concern in reference to this particular term.

Document Name:

Likes: 0

Dislikes: 0

manon paquet - manon paquet On Behalf of: Roger Dufresne, Hydro-Qu?bec Production, 1, 5

Selected Answer:

Answer Comment:

In project 2015-04 many interrogations have been raised. We know that they will be treated in phase 2 but we want to adress them in this section in order to let you know our concerns. The term "unit" is not define in neither glossary of terms nor rules of procedures. In the glossary of terms, page 94, in the NPCC section, the "generating plant" definition could be in conflict with other definitions.

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Robert A. Schaffeld - Southern Company - Southern Company Services, Inc. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Ben Engelby - ACES Power Marketing - 6 -

Group Information

Group Name: ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6
Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Voter Information

Voter **Segment**

Ben Engelby

6

Entity

Region(s)

ACES Power Marketing

Selected Answer:

Answer Comment:

For each definition that is modified, an evaluation of its use in every requirement should be performed to ensure that the meaning of the requirement is not unintentionally modified. This evaluation should be documented for review by industry during the next posting.

We also recommend that the drafting team develop a white paper or technical reference document to clarify when the drafting team intended to have lowercase defined terms. There are compliance implications with lowercase terms and guidance should clarify the intended meanings of these terms. If the drafting team does not decide to choose this course of action, we recommend that the drafting team consider replacing lowercase Glossary/ROP terms with other language to avoid confusion and ambiguity.

Document Name:

Likes: 0

Dislikes: 0

Michelle D'Antuono - Oxy - Ingleside Cogeneration LP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andy Bolivar - Andy Bolivar - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kathleen Black - DTE Energy - 3,4,5 - RFC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC,TRE,NPCC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jennifer Losacco - NextEra Energy - Florida Power and Light Co. - 1 - FRCC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jared Shakespeare - Peak Reliability - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Tony Eddleman - Nebraska Public Power District - 3 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Snodgrass - Georgia Transmission Corporation - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Bernard Johnson - Oglethorpe Power Corporation - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter

Colby Bellville

Segment

1,3,5,6

Entity

Duke Energy

Region(s)

FRCC,SERC,RFC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Colby Bellville - -

Error: Subreport could not be shown.

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer:

Answer Comment:

BPA supports and appreciates NERC's efforts to bring greater consistency to the governing reliability standards documents.

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Andrea Jessup - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Canadian Electricity Association - NA - Not Applicable - NA - Not Applicable

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Patrick Brown - Patrick Brown - -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Consideration of Comments
Term 4: Blackstart Resource

Project Name: 2015-04 Alignment of Terms

Comment Period Start Date: 6/13/2015

Comment Period End Date: 7/27/2015

Associated Ballot: Term 4: Blackstart Resource

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	N/A	1,3,5,6
Randi Heise	NERC Compliance Policy	N/A	1,3,5,6

Connie Lowe	NERC Compliance Policy	N/A	1,3,5,6
Louis Slade	NERC Compliance Policy	N/A	1,3,5,6
Chip Humphrey	Power Generation Compliance	N/A	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	N/A	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5

Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2

Ali Miremadi	CAISO	WECC	2

Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6

Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Question

Term 4: Blackstart Resource (redline)

Blackstart Resource: A generating unit(s) and its associated set of equipment which has the ability to be started without support from the System or is designed to remain energized without connection to the remainder of the System, with the ability to energize a bus, meeting the Transmission Operator's restoration plan needs for ~~real~~ Real and ~~reactive~~ Reactive ~~power~~ Power capability, frequency and voltage control, and that has been included in the Transmission Operator's restoration plan.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the terms "Real Power" and "Reactive Power" because these terms are defined in the Glossary, and their usage in this definition narrative is intended to have the meaning of the defined terms.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

#	Commenter Organization	Segment	Group name	Y/N	Comment
1	John Fontenot – Bryan Texas Utilities	1		Yes	
SDT response:					
2	Kathy Caignon – City of Vineland	3		Yes	
SDT response:					
3	Emily Rousseau – MRO	1,2,3,4,5, 6	MRO-NERC Standards Review Forum (NSRF)	Yes	
SDT response:					
4	Leonard Kula – Independent Electricity System Operator	2		No	We do not agree with the proposed revisions as it fall short of including the Reliability Coordinator. We suggest to add "and Reliability Coordinator's" after each of the

#	Commenter Organization	Segment	Group name	Y/N	Comment
					"Transmission Operator's" since in EOP-006-2, the RC's restoration plan also requires the utilization of Blackstart Resources.
SDT response: Thank you for your comments; however, your proposed revisions are outside of the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. For the term Blackstart Resource, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. To the extent you believe the issues identified in your comments should be addressed by a development project, the drafting team encourages you to submit a SAR outlining the issues and your proposed recommendations for resolving those issues.					
5	Mary Claire Yatsko – Seminole Electric Cooperative, Inc.	1,3,4,5,6		Yes	
SDT response:					
6	John Seelke – PSEG	1,2,5,6	PSEG	Yes	
SDT response:					
7	Amy Casuscelli – Xcel Energy, Inc.	1,3,5,6		Yes	
SDT response:					
8	Thomas Foltz – AEP	5		Yes	
SDT response:					
9	Dennis Minton – Florida Keys Electric Cooperative Assoc.	1		Yes	
SDT response:					
10	Rob Collins – On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co.	1, 6, 5, 3		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
SDT response:					
11	Louis Slade – Dominion Resources, Inc.	6	Dominion Resources, Inc.	Yes	
SDT response:					
12	Lee Pedowicz – Northeast Power Coordinating Council	10	NPCC--Project 2015-04	No	We agree with the consistency revisions proposed, but the need to capture the restoration needs and obligations of Reliability Coordinators under EOP-006-2 must be addressed. Suggest that the SDT add "and Reliability Coordinator's" after each of the "Transmission Operator's" to reflect that, in EOP-006-2, the RC's restoration plan also requires the utilization of Blackstart Resources. Also, the second part of the definition pertains to a generating unit that "is designed to remain energized without connection to the remainder of the System." We suggest that the SDT consider deleting this aspect of the definition due to the fact that although such a generating unit could be utilized for system restoration, it would not (indeed, could not) be classified in advance as a Blackstart Resource within the restoration plan (i.e., there is no guarantee that the unit would be operating at the time of the disturbance).
SDT response: Thank you for your comments; however, your proposed revisions are outside of the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. For the term Blackstart Resource, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. To the extent you believe the issues identified in your comments should be addressed by a development project, the drafting team encourages you to submit a SAR outlining the issues and your proposed recommendations for resolving those issues.					
13	Joe O'Brien – NiSource - Northern Indiana Public Service Co.	6		Yes	
SDT response:					
14	Andrew Pusztai – American Transmission Company, LLC	1		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
SDT response:					
15	Matthew Beilfuss – WEC Energy Group, Inc.	3,4,5,6		Yes	
SDT response:					
16	Dennis Chastain – Tennessee Valley Authority	1,3,5,6		Yes	
SDT response:					
17	Robert Coughlin – On Behalf of: Michael Puscas, ISO New England, Inc.	2		No	ISO-NE agrees with the consistency revisions proposed, but respectfully suggests that the SDT overlooked the need to capture the restoration needs and obligations of Reliability Coordinators under EOP-006-2. Thus, ISO-NE suggests that the SDT add "and Reliability Coordinator's" after each of the "Transmission Operator's" to reflect that, in EOP-006-2, the RC's restoration plan also requires the utilization of Blackstart Resources. Also, the second part of the definition pertains to a generating unit that "is designed to remain energized without connection to the remainder of the System." ISO-NE suggests that the SDT consider deleting this aspect of the definition due to the fact that although such a generating unit could be utilized for system restoration, it would not (indeed, could not) be classified in advance as a Blackstart Resource within the restoration plan (i.e., there is no guarantee that the unit would be operating at the time of the disturbance).
SDT response: Thank you for your comments; however, your proposed revisions are outside of the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. For the term Blackstart Resource, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. To the extent you believe the issues identified in your comments should be addressed by a development project, the drafting team encourages you to submit a SAR outlining the issues and your proposed recommendations for resolving those issues.					
18	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
19	Kaleb Brimhall – Colorado Springs Utilities	5	Colorado Springs Utilities	Yes	We support the Comments Submitted by the Southwest Power Pool.
SDT response: Please see the drafting team response to comments submitted by the Southwest Power Pool.					
20	Terry Bilke – Midcontinent ISO, Inc.	2		No	[1] Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them. [2] From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard. [3] A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term. While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.
SDT response: [1] Thank you for sharing your perspective on the efforts undertaken by this drafting team. We believe the project to be worthwhile and a beneficial use of time and resources. [2] During Phase 1 of this project, the drafting team identified all existing defined terms that are contained in both the Glossary and the ROP ("cross-over terms"), and to the extent there were definitional differences, proposed alignment revisions where appropriate. For each of the cross-over terms under consideration, the drafting team undertook substantial background research before determining whether alignment revisions were appropriate, including an examination of the					

#	Commenter Organization	Segment	Group name	Y/N	Comment
history of the term's definition, previous drafting teams' intent, relevant NERC filings to FERC, and any FERC orders approving the term's definition. Additionally, the SDT examined how the term is used in the Glossary, Reliability Standards, and ROP provisions, and how any proposed revisions will affect the application of the standards or rules. As the drafting team completed the task of aligning the cross-over terms, it identified how the definitional differences between the two terms came to exist. The team uncovered a number of reasons as to why definitions found in the Glossary and the ROP were not always aligned. In some instances, the differences were intentional and appropriate; however, in a large majority of instances, the differences were not appropriate or intentional, and in need of revision. Based on this thorough examination, the SDT determined on a case-by-case basis whether alignment revisions were appropriate. The drafting team did not propose alignment revisions to the existing definitions if the alignment resulted in an improper or incorrect change to the meaning of a definition. Furthermore, the drafting team notes that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. [3] The drafting team agrees that in some respects it would be easier to have one document containing all of the NERC defined terms. However, due to the differences in how the two sources are revised and the differences in how the terms are used, the team is not recommending that the two sources are combined. The drafting team notes that the defined terms included in the Glossary and ROP are applicable only with regard to the source in which they are defined (Glossary terms only apply to Reliability Standards, whereas ROP terms only apply to provisions of the ROP). Given that the Reliability Standards and the ROP address very different subject matters and serve different purposes, the definitions are developed and maintained separately. Additionally, the process for revising Glossary terms is substantially different than for revising ROP terms. Glossary terms must be developed (and revised) in the same manner as Reliability Standards - by a drafting team and subject to industry ballot and approval (See Section 5 of the Standards Process Manual). On the other hand, revisions to the Rules of Procedure (including the defined terms found in Appendix 2) are undertaken through Section 1400 of the Rules of Procedure. As indicated above, during Phase 2 of this project, the drafting team will develop recommendations to prevent future misalignment or inconsistencies in NERC defined terms. The team will consider the issues raised in your comments during the Phase 2 development stage.					
21	John Allen – City Utilities of Springfield, Missouri	4		Yes	
SDT response:					
22	Jeremy Voll –	3		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Basin Electric Power Cooperative				
SDT response:					
23	Lee Schuster – Duke Energy	3		Yes	
SDT response:					
24	Si Truc Phan – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
25	Christina Bigelow – Electric Reliability Council of Texas, Inc.	2	IRC Standards Review Committee	No	The SRC agrees with the consistency revisions proposed, but respectfully suggests that the SDT overlooked the need to capture the restoration needs and obligations of Reliability Coordinators under EOP-006-2. Thus, the SRC suggests that the SDT add "and Reliability Coordinator's" after each of the "Transmission Operator's" to reflect that, in EOP-006-2, the RC's restoration plan also requires the utilization of Blackstart Resources. Also, the second part of the definition pertains to a generating unit that "is designed to remain energized without connection to the remainder of the System." The SRC suggests that the SDT consider deleting this aspect of the definition due to the fact that, although such a generating unit could be utilized for system restoration, it would not (indeed, could not) be classified in advance as a Blackstart Resource within the restoration plan (i.e., there is no guarantee that the unit would be operating at the time of the disturbance).
SDT response: Thank you for your comments; however, your proposed revisions are outside of the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. For the term Blackstart Resource, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. To the extent you believe the issues identified in your comments should be addressed by a development project, the drafting team encourages you to submit a SAR outlining the issues and your proposed recommendations for resolving those issues.					
26	Heather Morgan –	5		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	EDP Renewables North America LLC				
SDT response:					
27	Shawna Speer – Colorado Springs Utilities	1		Yes	
SDT response:					
28	Linda Jacobson-Quinn – City of Farmington	3		Yes	
SDT response:					
29	Dan Wilson – PPL Electric Utilities Corporation	5		Yes	
SDT response:					
30	Yvonne McMackin – Public Utility District No. 2 of Grant County, Washington	4		Yes	
SDT response:					
31	Michiko Sell – Public Utility District No. 2 of Grant County, Washington	1		Yes	
SDT response:					
32	Alex Ybarra – Public Utility District No. 2 of Grant County, Washington	5		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
33	Mike Smith – Manitoba Hydro	1		No	On its own, Real is not a defined term. "... Real and Reactive Power" should be changed to "Real Power and Reactive Power" for referencing the defined term Real Power.
SDT response: Thank you for your comments; however, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. For the term Blackstart Resource, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. Adding the word "Power" to modify "Real" would require a change to both the Glossary and ROP definitions. However, the drafting team appreciates your comment and agrees that, when possible, there should be consistency in sentence structure throughout the NERC defined terms. As part of Phase 2 of this project, the drafting team will develop recommendations to prevent future misalignment or inconsistencies in NERC defined terms. The drafting team will consider developing a recommendation related to the issue raised in your comments. The drafting team will provide its Phase 2 recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the recommendations. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of these Phase 2 recommendations.					
34	Andrew Gallo – Austin Energy	6		Yes	
SDT response:					
35	Rachel Coyne – Texas Reliability Entity, Inc.	10		Yes	
SDT response:					
36	Yuguang Xiao – Manitoba Hydro	5		No	
SDT response:					
37	Chris Scanlon – Exelon	1	Exelon Utilities	Yes	
SDT response:					
38	Martin Boisvert – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
39	Erika Doot – U.S. Bureau of Reclamation	5		Yes	
SDT response:					
40	Jason Smith – Southwest Power Pool, Inc. (RTO)	2	SPP Standards Review Group	Yes	
SDT response:					
41	Manon Paquet – On Behalf of: Roger Dufresne, Hydro-Quebec Production	1, 5		Yes	
SDT response:					
42	Robert A. Schaffeld – Southern Company - Southern Company Services, Inc.	1		Yes	
SDT response:					
43	Ben Engelby – ACES Power Marketing	6	ACES Standards Collaborators - Terms Project	Yes	
SDT response:					
44	Michelle D'Antuono – Oxy - Ingleside Cogeneration LP	5		Yes	We agree with comments submitted by Occidental Chemical Corporation.
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
45	Andy Bolivar – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
46	Kathleen Black – DTE Energy	3,4,5		Yes	
SDT response:					
47	Jennifer Losacco – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
48	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
49	Tony Eddleman – Nebraska Public Power District	3		Yes	
SDT response:					
50	Bernard Johnson – Oglethorpe Power Corporation	5		Yes	
SDT response:					
51	Colby Bellville – Duke Energy	1,3,5,6	Duke Energy	Yes	Duke Energy suggests capitalizing the term "Transmission" throughout the definition, as it is currently a defined term.
SDT response: Thank you for your comments. The drafting team notes that the "transmission" is not used as a stand-alone term in this definition. However, the team agrees that, in general, there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of					

#	Commenter Organization	Segment	Group name	Y/N	Comment
capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
52	Andrea Jessup – Bonneville Power Administration	1,3,5,6		Yes	
SDT response:					

End of Report

Consideration of Comments
Term 6: Bulk Power System

Project Name: 2015-04 Alignment of Terms

Comment Period Start Date: 6/13/2015

Comment Period End Date: 7/27/2015

Associated Ballot: Term 6: Bulk Power System

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	N/A	1,3,5,6
Randi Heise	NERC Compliance Policy	N/A	1,3,5,6

Connie Lowe	NERC Compliance Policy	N/A	1,3,5,6
Louis Slade	NERC Compliance Policy	N/A	1,3,5,6
Chip Humphrey	Power Generation Compliance	N/A	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	N/A	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5

Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2

Ali Miremadi	CAISO	WECC	2

Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6

Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Question 2

Term 6: Bulk-Power System (redline)

Bulk- Power System:
(A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and
(B) electric energy from generation facilities needed to maintain transmission system reliability.
The term does not include facilities used in the local distribution of electric energy. (In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1], defined terms contained in this narrative are not capitalized.) Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning.

The SDT is proposing revisions to both the Glossary and ROP definition in order to align the two terms and maintain consistency with the Federal Power Act. Both the ROP and Glossary definitions have been approved by FERC (*See*, Glossary: FERC Order; and ROP: FERC Order on Compliance Filing, FERC Order Approving Amendments to the ROP). However, there are a number of differences, mostly minor, in the two definitions. The different language may be perceived to mean that the terms are intended to have different meanings, when this is not the case. There is no reason for the terms to have differing definitions, as both terms are intended to have the meaning of the definition in Section 215 of the Federal Power Act. The SDT revisions align the terms by eliminating the unnecessary differences.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Based on the industry comments received, the drafting team has made the following errata changes (below is the balloted definition with a redline of the errata changes):

Bulk Power System:
(A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and
(B) electric energy from generation facilities needed to maintain transmission system reliability.
The term does not include facilities used in the local distribution of electric energy. ~~(In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1], defined terms contained in this narrative are not capitalized.)~~ (Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning.)

Explanation of errata changes:
The drafting team originally included a parenthetical to clarify that any NERC defined terms contained in the definition of "Bulk Power System" were consistent with the Federal Power Act. However, a number of commenters believe that the parenthetical creates confusion and unnecessary complication. The drafting team therefore removed the parenthetical

sentence. Removal of the parenthetical did not alter the meaning or application of the definition, and is not a substantive change.

#	Commenter Organization	Segment	Group name	Y/N	Comment
1	John Fontenot – Bryan Texas Utilities	1		Yes	
SDT response:					
2	Kathy Caignon – City of Vineland	3		Yes	
SDT response:					
3	Emily Rousseau – MRO	1,2,3,4,5, 6	MRO-NERC Standards Review Forum (NSRF)	Yes	
SDT response:					
4	Leonard Kula – Independent Electricity System Operator	2		No	While we generally support the proposed revisions, we are unable to support the inclusion of the phrase "In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1]," since there are entities such as the IESO that are not under FERC's jurisdiction. We believe this note needs to be reworded as follows: The term does not include facilities used in the local distribution of electric energy. (In order to remain consistent with published regulatory documents, defined terms contained in this narrative are not capitalized.) Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning.
SDT response: The drafting team included the parenthetical to clarify that any NERC defined terms contained in the definition of "Bulk Power System" were consistent with the Federal Power Act. However, a number of commenters believe that the parenthetical creates confusion and unnecessary complication. The drafting team therefore removed the parenthetical sentence.					
5	Mary Claire Yatsko – Seminole Electric Cooperative, Inc.	1,3,4,5,6		No	NERC should delete all references to the Federal Power Act throughout these revisions and "re-capitalize" NERC defined terms within all of the definitions. Seminole's reasoning for this is that each term should have one

#	Commenter Organization	Segment	Group name	Y/N	Comment
					reference only. For example, if NERC feels that the defined term "Facilities" does not encapsulate the meaning put forth by Congress of "facilities" in the Federal Power Act, then the drafting team should revise the definition for Facilities. Referencing both the Federal Power Act and the NERC Glossary can cause confusion where legislative background can be interpreted differently than NERC definition drafting team responses and notes.
SDT response: The drafting team included the parenthetical to clarify that any NERC defined terms contained in the definition of "Bulk Power System" were consistent with the Federal Power Act. However, a number of commenters believe that the parenthetical creates confusion and unnecessary complication. The drafting team therefore removed the parenthetical sentence. Additionally, the drafting team agrees that there should consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
6	John Seelke – PSEG	1,2,5,6	PSEG	Yes	
SDT response:					
7	Amy Casuscelli – Xcel Energy, Inc.	1,3,5,6		Yes	
SDT response:					
8	Thomas Foltz – AEP	5		Yes	
SDT response:					
9	Dennis Minton –	1		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Florida Keys Electric Cooperative Assoc.				
SDT response:					
10	Rob Collins – On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co.	1, 6, 5, 3		Yes	
SDT response:					
11	Louis Slade – Dominion Resources, Inc.	6	Dominion Resources, Inc.	No	Dominion believes that all terms which are defined in the NERC Glossary should be capitalized for consistency. We do not agree that an exception, solely to insure that consistency with the Federal Power Act is maintained, should be made. If this exception is accepted, what justification would be used for not being consistent with other regulatory statutes?
SDT response: The drafting team agrees that there should consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
12	Lee Pedowicz – Northeast Power Coordinating Council	10	NPCC--Project 2015-04	No	For consistency with federal documents, Bulk-Power System (with the hyphen) should be used in all documents where appropriate. For NERC documents, capitalization should be consistent. If, for example, Facilities is capitalized in the Glossary, then Facilities should be capitalized in the RoP regardless of how they are shown in federal documents.
SDT response: The drafting team removed the hyphen from the term "Bulk-Power System" in the Glossary to align with the ROP definition. The hyphen was removed because it is not being used as a compound modifier (two words coupled together to make an adjective). Given that "bulk" is being used to describe the "power grid," no hyphen is needed. If instead, "bulk power" was being used to describe "grid," then a hyphen (compound modifier) would be appropriate to connect bulk-power. With regard to your comments on consistency, the drafting team agrees that there should consistency in the use of capitalization throughout					

#	Commenter Organization	Segment	Group name	Y/N	Comment
the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
13	Joe O'Brien – NiSource - Northern Indiana Public Service Co.	6		Yes	
SDT response:					
14	Andrew Pusztai – American Transmission Company, LLC	1		Yes	
SDT response:					
15	Matthew Beilfuss – WEC Energy Group, Inc.	3,4,5,6		Yes	
SDT response:					
16	Dennis Chastain – Tennessee Valley Authority	1,3,5,6		Yes	For alignment purposes, we agree with the proposed change to the Glossary definition. We also recommend the last sentence (note) be moved inside the parenthesis so it is not confused with being part of the definition.
SDT response: The drafting team included the parenthetical to clarify that any NERC defined terms contained in the definition of "Bulk Power System" were consistent with the Federal Power Act. However, a number of commenters believe that the parenthetical creates confusion and unnecessary complication. The drafting team therefore removed the parenthetical sentence.					
17	John Pearson –	2		No	ISO New England generally supports the proposed revisions, but is unable to support the inclusion of the phrase "In order to remain consistent with the

#	Commenter Organization	Segment	Group name	Y/N	Comment
	On Behalf of: Michael Puscas, ISO New England, Inc.				Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1]." ISO New England notes that, since there are entities such as the IESO that are not under FERC's jurisdiction any revisions to the definition should respect the differing regulatory regimes in effect. ISO New England suggests that this note be reworded as follows: The term does not include facilities used in the local distribution of electric energy. (In order to remain consistent with applicable regulatory authorities, defined terms contained in this narrative are not capitalized.) Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning.
SDT response: The drafting team included the parenthetical to clarify that any NERC defined terms contained in the definition of "Bulk Power System" were consistent with the Federal Power Act. However, a number of commenters believe that the parenthetical creates confusion and unnecessary complication. The drafting team therefore removed the parenthetical sentence.					
18	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
19	Kaleb Brimhall – Colorado Springs Utilities	5	Colorado Springs Utilities	Yes	We support the Comments Submitted by the Southwest Power Pool.
SDT response: Please see the drafting team response to comments submitted by the Southwest Power Pool.					
20	Terry Bilke – Midcontinent ISO, Inc.	2		No	Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them. From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision

#	Commenter Organization	Segment	Group name	Y/N	Comment
					by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard. A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term. While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.
SDT response: Please see the drafting team response to your comment for Term 4: Blackstart Resource.					
21	John Allen – City Utilities of Springfield, Missouri	4		Yes	
SDT response:					
22	Jeremy Voll – Basin Electric Power Cooperative	3		Yes	
SDT response:					
23	Lee Schuster – Duke Energy	3		Yes	
SDT response:					
24	Si Truc Phan – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
25	Christina Bigelow – Electric Reliability Council of Texas, Inc.	2	IRC Standards Review Committee	No	The SRC generally supports the proposed revisions, but is unable to support the inclusion of the phrase "In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1]." The SRC notes that, since there are entities such as the IESO that are not under FERC's jurisdiction, any revisions to the definition should respect the differing regulatory regimes in effect. The SRC suggests that this note be reworded as follows: The term does not include facilities used in the local distribution of electric energy. (In order to remain consistent with applicable regulatory authorities, defined terms contained in this narrative are not capitalized.) Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning.
SDT response: The drafting team included the parenthetical to clarify that any NERC defined terms contained in the definition of "Bulk Power System" were consistent with the Federal Power Act. However, a number of commenters believe that the parenthetical creates confusion and unnecessary complication. The drafting team therefore removed the parenthetical sentence.					
26	Heather Morgan – EDP Renewables North America LLC	5		Yes	
SDT response:					
27	Shawna Speer – Colorado Springs Utilities	1		Yes	
SDT response:					
28	Linda Jacobson-Quinn – City of Farmington	3		No	The terms still don't align – the ROP changes remains ambiguous in that it depends on the context and specifically references Appendix 4E.
SDT response: The drafting team aligned the existing language to the greatest degree possible. However, the team agrees that the ROP definition language that references Appendix 4E should be removed so that the definitions are perfectly aligned. As part of Phase 2 of this project, the team will consider a recommendation to revise Appendix 4E to reference the Bulk Electric System (when appropriate) instead of the Bulk Power System. Once the appropriate changes are made, the reference to Appendix 4E can be removed from the ROP definition.					
29	Dan Wilson –	5		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	PPL Electric Utilities Corporation				
SDT response:					
30	Yvonne McMackin – Public Utility District No. 2 of Grant County, Washington	4		Yes	
SDT response:					
31	Michiko Sell – Public Utility District No. 2 of Grant County, Washington	1		Yes	
SDT response:					
32	Alex Ybarra – Public Utility District No. 2 of Grant County, Washington	5		Yes	
SDT response:					
33	Mike Smith – Manitoba Hydro	1		No	Proposed changes to 6 (Bulk-Power System), 40 (Reliability Standard) and 41 (Reliable Operation) relating to the Federal Power Act are not made consistently. Redlined added text referencing the Federal Power Act should be consistently written for #6, #40, #41. Bulk-Power System should appear consistently in the definitions of #6, #40, #41. Defined terms should be written consistently. If using "reliable operation [Reliable Operation]", should also use same approach "facilities [Facility(ies)]" for all other defined terms.
SDT response: The drafting team included the parenthetical to clarify that any NERC defined terms contained in the definition of “Bulk Power System” were consistent with the Federal Power Act. However, a number of commenters believe that the parenthetical creates confusion and unnecessary complication. The drafting team therefore removed the parenthetical sentence.					

#	Commenter Organization	Segment	Group name	Y/N	Comment
Additionally, the drafting team agrees that there should consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
34	Andrew Gallo – Austin Energy	6		Yes	
SDT response:					
35	Rachel Coyne – Texas Reliability Entity, Inc.	10		Yes	Texas RE noticed in this definition, and several others, terms like “facilities” are not capitalized even though “Facility” is a defined term in the Glossary. This thought is not consistently applied throughout the terms (e.g. :”Reliability Standards Development Plan” includes the capitalized term “Reliability Standard”). In general, Texas RE recommends consistency with capitalization. Capitalization infers a term is defined in the Glossary and/or ROP.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend future Project 2015-04 meetings which will focus on development of these Phase 2 recommendations.					
36	Yuguang Xiao – Manitoba Hydro	5		No	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
37	Chris Scanlon – Exelon	1	Exelon Utilities	Yes	
SDT response:					
38	Martin Boisvert – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
39	Erika Doot – U.S. Bureau of Reclamation	5		Yes	
SDT response:					
40	Jason Smith – Southwest Power Pool, Inc. (RTO)	2	SPP Standards Review Group	Yes	
SDT response:					
41	Manon Paquet – On Behalf of: Roger Dufresne, Hydro-Quebec Production	1, 5		Yes	
SDT response:					
42	Robert A. Schaffeld – Southern Company - Southern Company Services, Inc.	1		Yes	
SDT response:					
43	Ben Engelby – ACES Power Marketing	6	ACES Standards Collaborators - Terms Project	No	There needs to be consistency with the use of brackets to signify Glossary/ROP term that are intended to have the meaning of the definition in Section 215 of the Federal Power Act. "Bulk-Power System" did not use brackets for the terms

#	Commenter Organization	Segment	Group name	Y/N	Comment
					[Facilities], [Transmission], and [System]. However, the drafting team chose to add brackets to signify Glossary/ROP terms in the "Reliability Standard" and "Reliable Operation" definitions.
SDT response: The drafting team believes this comment pertains to Term 41: Reliability Standard, not Term 6: Bulk Power System. The team directs you to the responses to Term 6.					
44	Andy Bolivar – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
45	Kathleen Black – DTE Energy	3,4,5		Yes	
SDT response:					
46	Jennifer Losacco – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
47	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
48	Tony Eddleman – Nebraska Public Power District	3		Yes	
SDT response:					
49	Bernard Johnson – Oglethorpe Power Corporation	5		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
50	Colby Bellville – Duke Energy	1,3,5,6	Duke Energy	Yes	Duke Energy suggests capitalizing the term "Transmission" throughout the definition, as it is currently a defined term.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend future Project 2015-04 meetings which will focus on development of these Phase 2 recommendations.					
51	Andrea Jessup – Bonneville Power Administration	1,3,5,6		Yes	
SDT response:					
52	Patrick Brown - Canadian Electricity Association			No	The Canadian Electricity Association (CEA) requests that a qualifier be inserted to clarify that the Federal Power Act is a U.S. statute. Wording as follows seems appropriate: "In order to remain consistent with the U.S. Federal Power Act…" CEA believes that every defined term in the NERC Glossary and ROP should be respectful of Canadian entities - including those applicable governmental authorities in Canada with responsibility for reliability oversight - as well as the North American nature of the grid and NERC's mission as an international reliability organization. If any statute is referenced in the Glossary or ROP, the jurisdiction in which that statute is in effect should be clarified, rather than there being an implicit assumption of U.S. jurisdiction. The citations to the U.S. Code and Code of Federal Regulations which follow are not suitable to serve as such references, as they are not necessarily abbreviations which will be familiar to all non-legal, third-party audiences in North America. In general, CEA believes that the NERC Glossary should not have to refer to

#	Commenter Organization	Segment	Group name	Y/N	Comment
					specific pieces of governing legislation. However, if the SDT chooses to proceed, CEA requests that it include the U.S. qualifier for the FPA suggested above.
SDT response: Thank you for your comment. In response to your concerns and a number of other industry comments, the drafting team removed the parenthetical containing the reference to the Federal Power Act.					

End of Report

Consideration of Comments
Term 7: Cascading

Project Name: 2015-04 Alignment of Terms

Comment Period Start Date: 6/13/2015

Comment Period End Date: 7/27/2015

Associated Ballot: Term 7: Cascading

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	N/A	1,3,5,6
Randi Heise	NERC Compliance Policy	N/A	1,3,5,6

Connie Lowe	NERC Compliance Policy	N/A	1,3,5,6
Louis Slade	NERC Compliance Policy	N/A	1,3,5,6
Chip Humphrey	Power Generation Compliance	N/A	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	N/A	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5

Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2

Ali Miremadi	CAISO	WECC	2

Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6

Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Question

Term 7: Cascading (redline)

Cascading:

The uncontrolled successive loss of ~~system~~ System ~~elements~~ Elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be restrained from sequentially spreading beyond an area predetermined by studies.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the terms "System" and "Elements" because these terms are defined in the Glossary, and their usage in this definition narrative is intended to have the meaning of the defined terms.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

#	Commenter Organization	Segment	Group name	Y/N	Comment
1	John Fontenot – Bryan Texas Utilities	1		Yes	
SDT response:					
2	Emily Rousseau – MRO	1,2,3,4,5, 6	MRO-NERC Standards Review Forum (NSRF)	No	Recommend that this term be moved to Phase 2, whereby it can be redefined in light of FERC's letter approving CIP-014-2. FERC explains that they are removing the word widespread since it is unclear on how it will be enforced.
SDT response: Thank you for your comment. The drafting team is not addressing this issue as part of its project because the use of the undefined term "widespread" has presented no conflict with aligning the definition of the term "Cascading" across the ROP and the Glossary. The drafting team suggests that you submit a SAR if you believe a development project should address whether FERC's CIP-014-2 letter order warrants reconsideration of the undefined term "widespread" in the definition of "Cascading."					
3	Leonard Kula – Independent Electricity System Operator	2		Yes	
SDT response:					
4	Mary Claire Yatsko –	1,3,4,5,6		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Seminole Electric Cooperative, Inc.				
SDT response:					
5	John Seelke – PSEG	1,2,5,6	PSEG	Yes	
SDT response:					
6	Amy Casuscelli – Xcel Energy, Inc.	1,3,5,6		Yes	
SDT response:					
7	Thomas Foltz – AEP	5		Yes	
SDT response:					
8	Dennis Minton – Florida Keys Electric Cooperative Assoc.	1		Yes	
SDT response:					
9	Rob Collins – On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co.	1, 6, 5, 3		Yes	
SDT response:					
10	Louis Slade – Dominion Resources, Inc.	6	Dominion Resources, Inc.	Yes	
SDT response:					
11	Lee Pedowicz –	10	NPCC--Project 2015-04	No	[1] Introducing the defined terms for System and Elements makes the definition for Cascading incoherent. The Glossary defines System as a "A combination of

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Northeast Power Coordinating Council				generation, transmission, and distribution components." and Element as "Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An Element may be comprised of one or more components." Both System and Element are composed of components. The System components are Elements, and components of Elements are make up the Element. The definition proposed for Cascading starts with "The uncontrolled successive loss of System Elements triggered by an incident at any location." The use of System Elements is redundant. System should be replaced with Bulk Electric System, or otherwise should not be capitalized. [2] Suggest adding the word "local" before the word "area." Also, the definition should recognize that, under TPL-001-4, the Transmission Planner defines and documents, within its Planning Assessment, the criteria or methodology used in the analysis to identify System instability for conditions such as Cascading.
SDT response: [1] The proposed alignment revisions incorporate usage of the defined terms "System" and "Element." These revisions do not change the meaning of the definition of Cascading. [2] Thank you for your comments; however, your proposed revisions are outside of the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. For the term Cascading, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. To the extent that you believe the issues identified in your comments should be addressed by a development project, the drafting team encourages you to submit a SAR outlining the issues and your proposed recommendations for resolving those issues.					
12	Joe O'Brien – NiSource - Northern Indiana Public Service Co.	6		Yes	
SDT response:					
13	Andrew Pusztai – American Transmission Company, LLC	1		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
14	Matthew Beilfuss – WEC Energy Group, Inc.	3,4,5,6		Yes	
SDT response:					
15	Dennis Chastain – Tennessee Valley Authority	1,3,5,6		Yes	While "System" and "Element" are defined terms in the Glossary, "System Elements" is not a defined term. A possible rephrasing that would retain the same meaning but avoid the use of conjoined terms would be "The uncontrolled successive loss of Elements within a System, triggered by an incident at any location."
SDT response: The drafting team agrees that the consecutive use of two (or more) defined terms may create confusion. During Phase 2 of this project, the drafting team will consider recommendations related to sentence structure. The team will consider the issue raised in your comments in developing the Phase 2 recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
16	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
17	Kaleb Brimhall – Colorado Springs Utilities	5	Colorado Springs Utilities	Yes	We support the Comments Submitted by the Southwest Power Pool.
SDT response: Please see the drafting team response to comments submitted by the Southwest Power Pool.					
18	Terry Bilke – Midcontinent ISO, Inc.	2		No	Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them. From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined

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					term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard. A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term. While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.
SDT response: Please see the drafting team response to your comment for Term 4: Blackstart Resource.					
19	John Allen – City Utilities of Springfield, Missouri	4		Yes	See comments from SPP Standards Review Group.
SDT response:					
20	Jeremy Voll – Basin Electric Power Cooperative	3		No	Recommend that this term be moved to Phase 2, whereby in can me redefined in light of FERC's letter approving CIP-014-2. FERC explains that they are removing the word widespread since it is unclear on how it will be enforced.
SDT response: Thank you for your comment. The drafting team is not addressing this issue as part of its project because the use of the undefined term "widespread" has presented no conflict with aligning the definition of the term "Cascading" across the ROP and the Glossary. The drafting team suggests that you submit a SAR if you believe a development project should address whether FERC's CIP-014-2 letter order warrants reconsideration of the undefined term "widespread" in the definition of "Cascading."					
21	Lee Schuster – Duke Energy	3		Yes	
SDT response:					
22	Si Truc Phan –	1		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Hydro-Quebec TransEnergie				
SDT response:					
23	Christina Bigelow – Electric Reliability Council of Texas, Inc.	2	IRC Standards Review Committee	No	The SRC recommends that the word "local" be inserted before the word "area." Also, the definition should recognize that, under TPL-001-4, the Transmission Planner defines and documents within its Planning Assessment, the criteria or methodology used in the analysis to identify System instability for conditions such as Cascading.
SDT response: Thank you for your comments; however, your proposed revisions are outside of the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. For the term Cascading, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. To the extent that you believe the issues identified in your comments should be addressed by a development project, the drafting team encourages you to submit a SAR outlining the issues and your proposed recommendations for resolving those issues.					
24	Heather Morgan – EDP Renewables North America LLC	5		Yes	
SDT response:					
25	Shawna Speer – Colorado Springs Utilities	1		Yes	
SDT response:					
26	Linda Jacobson-Quinn – City of Farmington	3		Yes	
SDT response:					
27	Dan Wilson – PPL Electric Utilities Corporation	5		Yes	
SDT response:					
28	Yvonne McMackin –	4		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Public Utility District No. 2 of Grant County, Washington				
SDT response:					
29	Michiko Sell – Public Utility District No. 2 of Grant County, Washington	1		Yes	
SDT response:					
30	Alex Ybarra – Public Utility District No. 2 of Grant County, Washington	5		Yes	
SDT response:					
31	Mike Smith – Manitoba Hydro	1		Yes	
SDT response:					
32	Andrew Gallo – Austin Energy	6		Yes	
SDT response:					
33	Rachel Coyne – Texas Reliability Entity, Inc.	10		Yes	Texas RE agrees with the decision to capitalize the words "System" and "Elements". Texas RE inquires as to whether this could lead to confusion as there is no defined term "System Elements", but rather the term "System" is defined and the term "Elements" is defined.
SDT response: The drafting team agrees that the consecutive use of two (or more) defined terms may create confusion. During Phase 2 of this project, the drafting team will consider recommendations related to sentence structure. The team will consider the issue raised in your comments in developing the Phase 2 recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					

#	Commenter Organization	Segment	Group name	Y/N	Comment
34	Yuguang Xiao – Manitoba Hydro	5		Yes	
SDT response:					
35	Chris Scanlon – Exelon	1	Exelon Utilities	Yes	
SDT response:					
36	Martin Boisvert – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
37	Erika Doot – U.S. Bureau of Reclamation	5		Yes	
SDT response:					
38	Jason Smith – Southwest Power Pool, Inc. (RTO)	2	SPP Standards Review Group	Yes	We recommend that use of the term "widespread" in this definition be reviewed in the later phases of this project.
SDT response: Thank you for your comment. The drafting team is not addressing this issue as part of its project because the use of the undefined term "widespread" has presented no conflict with aligning the definition of the term "Cascading" across the ROP and the Glossary. The drafting team suggests that you submit a SAR if you believe a development project should address whether FERC's CIP-014-2 letter order warrants reconsideration of the undefined term "widespread" in the definition of "Cascading."					
39	Manon Paquet – On Behalf of: Roger Dufresne, Hydro-Quebec Production	1, 5		Yes	
SDT response:					
40	Robert A. Schaffeld –	1		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Southern Company - Southern Company Services, Inc.				
SDT response:					
41	Ben Engelby – ACES Power Marketing	6	ACES Standards Collaborators - Terms Project	No	Capitalizing "System" fundamentally alters the meaning of the definition because the NERC Glossary Term "System" includes distribution components. Thus, by including distribution components, a hurricane causing "widespread electric service interruption" on distribution levels could be defined as Cascading. Clearly this is not Cascading.
SDT response: The proposed alignment revisions incorporate usage of the defined terms "System" and "Element." These revisions do not change the meaning of the definition of Cascading. Furthermore, inclusion of the word "distribution" does not change the meaning of the definition. When evaluating Cascading one must analyze the "System," which may include the impacts of a distribution outage as it impacts the transmission and generation.					
42	Andy Bolivar – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
43	Kathleen Black – DTE Energy	3,4,5		Yes	
SDT response:					
44	Jennifer Losacco – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
45	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
46	Tony Eddleman –	3		No	I support MRO NSRF comments.

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Nebraska Public Power District				
SDT response: Please see SDT response to MRO NSRF comments.					
47	Bernard Johnson – Oglethorpe Power Corporation	5		Yes	
SDT response:					
48	Colby Bellville – Duke Energy	1,3,5,6	Duke Energy	Yes	
SDT response:					
49	Andrea Jessup – Bonneville Power Administration	1,3,5,6		Yes	
SDT response:					
50	Jonathan Appelbaum - United Illuminating Co.	1		No	Introducing the defined terms for System and Elements makes the definition for Cascading incoherent. The Glossary defines a System as a "A combination of generation, transmission, and distribution components." and Elements as "Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An Element may be comprised of one or more components." So both System and Elements are composed of components. The System components are Elements, and the Elements components are the mechanical things that make the device work. The definition proposed for Cascading starts with "The uncontrolled successive loss of System Elements triggered by an incident at any location." I think System should not be capitalized or system should be Bulk Electric System Elements since BES is defined differently than System.
SDT response: The proposed alignment revisions incorporate usage of the defined terms “System” and “Element.” These revisions do not change the meaning of the definition of Cascading.					
51	John Pearson On Behalf of: Michael Puscas, ISO New England, Inc.	2		No	The word “local” should be inserted before the word “area.” Also, the definition should recognize that, under TPL-001-4, the Transmission Planner defines and documents, within its Planning Assessment, the criteria or methodology used in the analysis to identify System instability for conditions such as Cascading.

#	Commenter Organization	Segment	Group name	Y/N	Comment
SDT response: Thank you for your comments; however, your proposed revisions are outside of the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. For the term Cascading, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. To the extent that you believe the issues identified in your comments should be addressed by a development project, the drafting team encourages you to submit a SAR outlining the issues and your proposed recommendations for resolving those issues.					

End of Report

Consideration of Comments
Term 13: Distribution Provider

Project Name: 2015-04 Alignment of Terms
Comment Period Start Date: 6/13/2015
Comment Period End Date: 7/27/2015
Associated Ballot: Term 13: Distribution Provider

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	N/A	1,3,5,6
Randi Heise	NERC Compliance Policy	N/A	1,3,5,6

Connie Lowe	NERC Compliance Policy	N/A	1,3,5,6
Louis Slade	NERC Compliance Policy	N/A	1,3,5,6
Chip Humphrey	Power Generation Compliance	N/A	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	N/A	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5

Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2

Ali Miremadi	CAISO	WECC	2

Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6

Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Question

Term 13: Distribution Provider (redline)

Distribution Provider:
Provides and operates the "wires" between the transmission system and the end-use customer. For those end-use customers who are served at transmission voltages, the Transmission Owner also serves as the Distribution Provider. Thus, the Distribution Provider is not defined by a specific voltage, but rather as performing the ~~Distribution~~ distribution function at any voltage.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to remove the capitalization from the term "Distribution" because it is not a defined term in Glossary (or the ROP).

Do you agree with the proposed Glossary definition revision to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

#	Commenter Organization	Segment	Group name	Y/N	Comment
1	John Fontenot – Bryan Texas Utilities	1		Yes	
SDT response:					
2	Kathy Caignon – City of Vineland	3		Yes	
SDT response:					
3	Emily Rousseau – MRO	1,2,3,4, 5,6	MRO-NERC Standards Review Forum (NSRF)	Yes	
SDT response:					
4	Leonard Kula – Independent Electricity System Operator	2		Yes	While we do not disagree with the proposed changes, the definition is quite different from that presented in the Functional Model. Suggest to adopt the FM definition, or to revise the definition in the FM to achieve total consistency.
SDT response: Thank you for your comments; however, modifications to the Functional Model fall outside the permissible scope of the work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional					

#	Commenter Organization	Segment	Group name	Y/N	Comment
Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
5	Mary Claire Yatsko – Seminole Electric Cooperative, Inc.	1,3,4,5, 6		Yes	
SDT response:					
6	John Seelke – PSEG	1,2,5,6 -	PSEG	Yes	
SDT response:					
7	Amy Casuscelli – Xcel Energy, Inc.	1,3,5,6		Yes	
SDT response:					
8	Thomas Foltz – AEP	5		Yes	
SDT response:					
9	Dennis Minton – Florida Keys Electric Cooperative Assoc.	1		Yes	
SDT response:					
10	Rob Collins – On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co.	1, 6, 5, 3		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
11	Louis Slade – Dominion Resources, Inc.	6	Dominion Resources, Inc.	No	Dominion suggested replacing the term "wires" with "electrical elements" since 'wires" could be construed to exclude transformers, breakers, switches, reclosers, fuses, etc.
SDT response: Thank you for your comments; however, your proposed revisions are outside of the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. For the term Distribution Provider, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. To the extent that you believe the issues identified in your comments should be addressed by a development project, the drafting team encourages you to submit a SAR outlining the issues and your proposed recommendations for resolving those issues.					
12	Lee Pedowicz – Northeast Power Coordinating Council	10	NPCC--Project 2015-04	Yes	
SDT response:					
13	Joe O'Brien – NiSource - Northern Indiana Public Service Co.	6		Yes	
SDT response:					
14	Andrew Pusztai – American Transmission Company, LLC	1		Yes	
SDT response:					
15	Matthew Beilfuss – WEC Energy Group, Inc.	3,4,5,6		Yes	
SDT response:					
16	Dennis Chastain – Tennessee Valley Authority	1,3,5,6		Yes	For alignment purposes, we agree with the proposed change to the Glossary definition. [1] For form consistency with other registered entity type definitions contained in the Glossary, we recommend starting the definition with "The entity that provides...".

#	Commenter Organization	Segment	Group name	Y/N	Comment
					[2] We also recommend capitalization of the word "Transmission" within the DP definition (two locations) because this term is defined in the Glossary and we believe its usage in the DP definition narrative is intended to have the meaning of the defined term. [3] "System" is also a defined term in the Glossary, but its use in the DP definition narrative does not appear to have the same meaning as the defined term, since the defined term is inclusive of "distribution components".
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in form, sentence structure and capitalization throughout the NERC defined terms. For example, during the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. As part of Phase 2 of this project, the drafting team will develop recommendations to prevent future misalignment or inconsistencies in NERC defined terms. The drafting team will develop recommendations related to the issues identified in your comments. The drafting team will provide its Phase 2 recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the recommendations. The drafting team encourages you to attend future Project 2015-04 meetings which will focus on development of these Phase 2 recommendations.					
17	Jared Shakespeare – Peak Reliability	1		No	[1] We recommend removing the quotes around "wires" as it seems odd to have quotes in a definition. [2] Also, Is the DP definition still needed if the risk-based registration project did away with it?
SDT response: [1] Thank you for your comments. The drafting team agrees that there should be consistency in the use of "quotes" throughout the NERC defined terms. As part of Phase 2 of this project, the drafting team will develop recommendations to prevent future misalignment or inconsistencies in NERC defined terms. The drafting team will consider developing a recommendation related to the issue raised in your comments. The drafting team will provide its Phase 2 recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the recommendations. The drafting team encourages you to attend future Project 2015-04 meetings which will focus on development of these Phase 2 recommendations. [2] The Risk-Based Registration initiative revised the peak load threshold for Distribution Providers. However, no revisions were made to the ROP, Appendix 2 definition of the term. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP. Currently, the two definitions are aligned. The drafting team notes that during Phase 1 of this project, a number of commenters raised concerns regarding possible revisions					

#	Commenter Organization	Segment	Group name	Y/N	Comment
that are needed for the Glossary and/or Reliability Standards as a result of the Risk-Based Registration Initiative. As part of Phase 2 of this project, the team will consider whether a recommendation is needed to address the various concerns raised by commenters.					
18	Kaleb Brimhall – Colorado Springs Utilities	5	Colorado Springs Utilities	Yes	We support the Comments Submitted by the Southwest Power Pool.
SDT response: Please see the drafting team response to comments submitted by the Southwest Power Pool.					
19	Terry Bilke – Midcontinent ISO, Inc.	2		No	Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them. From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard. A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term. While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.
SDT response: Please see the drafting team response to your comment for Term 4: Blackstart Resource.					

#	Commenter Organization	Segment	Group name	Y/N	Comment
20	John Allen – City Utilities of Springfield, Missouri	4		Yes	
SDT response:					
21	Jeremy Voll – Basin Electric Power Cooperative	3		Yes	
SDT response:					
22	Lee Schuster – Duke Energy	3		Yes	
SDT response:					
23	Si Truc Phan – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
24	Christina Bigelow – Electric Reliability Council of Texas, Inc.	2	IRC Standards Review Committee	Yes	The SRC has previously commented that there needs to be total consistency between all fundamental documents within NERC. Thus, while it does not disagree with the proposed changes, it recommends that the SDT take this opportunity to also synchronize this definition with the Functional Model.
SDT response: Thank you for your comments; however, modifications to the Functional Model fall outside the permissible scope of the work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
25	Heather Morgan –	5		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	EDP Renewables North America LLC				
SDT response:					
26	Shawna Speer – Colorado Springs Utilities	1		Yes	
SDT response:					
27	Linda Jacobson-Quinn – City of Farmington	3		No	The NERC Functional Model also includes a definition for Distribution Provider. This term The functional entity that provides facilities that interconnect an End-use Customer load and the electric system for the transfer of electrical energy to the End-use Customer. The NERC Functional Model should also align with the NERC RoP and Glossary of Terms.
SDT response: Thank you for your comments; however, modifications to the Functional Model fall outside the permissible scope of the work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
28	Dan Wilson – PPL Electric Utilities Corporation	5		Yes	
SDT response:					
29	Yvonne McMackin – Public Utility District No. 2 of Grant County, Washington	4		Yes	
SDT response:					
30	Michiko Sell –	1		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Public Utility District No. 2 of Grant County, Washington				
SDT response:					
31	Alex Ybarra – Public Utility District No. 2 of Grant County, Washington	5		Yes	
SDT response:					
32	Mike Smith – Manitoba Hydro	1		Yes	
SDT response:					
33	Andrew Gallo – Austin Energy	6		Yes	
SDT response:					
34	Rachel Coyne – Texas Reliability Entity, Inc.	10		Yes	
SDT response:					
35	Yuguang Xiao – Manitoba Hydro	5		Yes	
SDT response:					
36	Chris Scanlon – Exelon	1	Exelon Utilities	Yes	
SDT response:					
37	Martin Boisvert –	1		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Hydro-Quebec TransEnergie				
SDT response:					
38	Erika Doot – U.S. Bureau of Reclamation	5		Yes	
SDT response:					
39	Jason Smith – Southwest Power Pool, Inc. (RTO)	2	SPP Standards Review Group	Yes	
SDT response:					
40	Manon Paquet – On Behalf of: Roger Dufresne, Hydro-Quebec Production	1, 5		Yes	
SDT response:					
41	Robert A. Schaffeld – Southern Company - Southern Company Services, Inc.	1		Yes	
SDT response:					
42	Ben Engelby – ACES Power Marketing	6	ACES Standards Collaborators - Terms Project	Yes	
SDT response:					
43	Andy Bolivar – NextEra Energy - Florida Power and Light Co.	1		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
SDT response:					
44	Kathleen Black – DTE Energy	3,4,5		Yes	
SDT response:					
45	Jennifer Losacco – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
46	Jared Shakespeare – Peak Reliability	1		Yes	[1] We recommend removing the quotes around "wires" as it seems odd to have quotes in a definition. [2] Also, Is the DP definition still needed if the risk-based registration project did away with it?
SDT response: [1] Thank you for your comments. The drafting team agrees that there should be consistency in the use of "quotes" throughout the NERC defined terms. As part of Phase 2 of this project, the drafting team will develop recommendations to prevent future misalignment or inconsistencies in NERC defined terms. The drafting team will consider developing a recommendation related to the issue raised in your comments. The drafting team will provide its Phase 2 recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the recommendations. The drafting team encourages you to attend future Project 2015-04 meetings which will focus on development of these Phase 2 recommendations. [2] The Risk-Based Registration initiative revised the peak load threshold for Distribution Providers. However, no revisions were made to the ROP, Appendix 2 definition of the term. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP. Currently, the two definitions are aligned. The drafting team notes that during Phase 1 of this project, a number of commenters raised concerns regarding possible revisions that are needed for the Glossary and/or Reliability Standards as a result of the Risk-Based Registration Initiative. As part of Phase 2 of this project, the team will consider whether a recommendation is needed to address the various concerns raised by commenters.					
47	Tony Eddleman – Nebraska Public Power District	3		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
48	Bernard Johnson – Oglethorpe Power Corporation	5		Yes	
SDT response:					
49	Colby Bellville – Duke Energy	1,3,5,6	Duke Energy	Yes	Duke Energy suggests capitalizing the term "Transmission" throughout the definition, as it is currently a defined term.
SDT response: Phase 2 – same response as Comment [16] above					
50	Andrea Jessup – Bonneville Power Administration	1,3,5,6		Yes	
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend future Project 2015-04 meetings which will focus on development of these Phase 2 recommendations.					

End of Report

Consideration of Comments
Term 14: Element

Project Name: 2015-04 Alignment of Terms
Comment Period Start Date: 6/13/2015
Comment Period End Date: 7/27/2015
Associated Ballot: Term 14: Element

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	N/A	1,3,5,6
Randi Heise	NERC Compliance Policy	N/A	1,3,5,6

Connie Lowe	NERC Compliance Policy	N/A	1,3,5,6
Louis Slade	NERC Compliance Policy	N/A	1,3,5,6
Chip Humphrey	Power Generation Compliance	N/A	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	N/A	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5

Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2

Ali Miremadi	CAISO	WECC	2

Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6

ohan Sachdeva	Buckeye Power, Inc.	RFC	4

Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Question

Term 14: Element (redline)

Element**:**
Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An ~~element~~ Element may be comprised of one or more components.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Element" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term.

Do you agree with the proposed Glossary definition revision to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

#	Commenter Organization	Segment	Group name	Y/N	Comment
1	John Fontenot – Bryan Texas Utilities	1		Yes	
SDT response:					
2	Emily Rousseau – MRO	1,2,3,4,5, 6	MRO-NERC Standards Review Forum (NSRF)	Yes	
SDT response:					
3	Leonard Kula – Independent Electricity System Operator	2		Yes	
SDT response:					
4	Mary Claire Yatsko – Seminole Electric Cooperative, Inc.	1,3,4,5,6		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
5	John Seelke – PSEG	1,2,5,6	PSEG	Yes	
SDT response:					
6	Amy Casuscelli – Xcel Energy, Inc.	1,3,5,6		Yes	
SDT response:					
7	Thomas Foltz – AEP	5		Yes	
SDT response:					
8	Dennis Minton – Florida Keys Electric Cooperative Assoc.	1		Yes	
SDT response:					
9	Rob Collins – On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co.	1, 6, 5, 3		Yes	
SDT response:					
10	Louis Slade – Dominion Resources, Inc.	6	Dominion Resources, Inc.	No	Dominion does not believe it is necessary to use the capitalized version of a term in the definition of that term. For consistency with the first sentence of the definition, Dominion suggest the following: "Element: Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An element may be comprised of one or more components electrical devices. "
SDT response: Thank you for your comment. The drafting team believes the proposed alignment revisions are appropriate.					

#	Commenter Organization	Segment	Group name	Y/N	Comment
11	Lee Pedowicz – Northeast Power Coordinating Council	10	NPCC--Project 2015-04	Yes	
SDT response:					
12	Joe O'Brien – NiSource - Northern Indiana Public Service Co.	6		Yes	
SDT response:					
13	Andrew Pusztai – American Transmission Company, LLC	1		Yes	
SDT response:					
14	Matthew Beilfuss – WEC Energy Group, Inc.	3,4,5,6		Yes	
SDT response:					
15	Dennis Chastain – Tennessee Valley Authority	1,3,5,6		Yes	For alignment purposes, we agree with the proposed change to the Glossary definition. We also recommend capitalization of "Transmission Line" within the Element definition because this term is defined in the Glossary and we believe its usage in the Element definition narrative is intended to have the meaning of the defined term.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the					

#	Commenter Organization	Segment	Group name	Y/N	Comment
decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend future Project 2015-04 meetings which will focus on development of these Phase 2 recommendations.					
16	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
17	Kaleb Brimhall – Colorado Springs Utilities	5	Colorado Springs Utilities	Yes	We support the Comments Submitted by the Southwest Power Pool.
SDT response: Please see the drafting team response to comments submitted by the Southwest Power Pool.					
18	Terry Bilke – Midcontinent ISO, Inc.	2		No	Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them. From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard. A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term. While we say we're stabilizing the standards, this adds another layer of effort,

#	Commenter Organization	Segment	Group name	Y/N	Comment
					particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.
SDT response: Please see the drafting team response to your comment for Term 4: Blackstart Resource.					
19	John Allen – City Utilities of Springfield, Missouri	4		Yes	
SDT response:					
20	Jeremy Voll – Basin Electric Power Cooperative	3		Yes	
SDT response:					
21	Lee Schuster – Duke Energy	3		Yes	
SDT response:					
22	Si Truc Phan – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
23	Christina Bigelow – Electric Reliability Council of Texas, Inc.	2	IRC Standards Review Committee	Yes	
SDT response:					
24	Heather Morgan – EDP Renewables North America LLC	5		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
25	Shawna Speer – Colorado Springs Utilities	1		Yes	
SDT response:					
26	Linda Jacobson-Quinn – City of Farmington	3		Yes	
SDT response:					
27	Dan Wilson – PPL Electric Utilities Corporation	5		Yes	
SDT response:					
28	Yvonne McMackin – Public Utility District No. 2 of Grant County, Washington	4		Yes	
SDT response:					
29	Michiko Sell – Public Utility District No. 2 of Grant County, Washington	1		Yes	
SDT response:					
30	Alex Ybarra – Public Utility District No. 2 of Grant County, Washington	5		Yes	
SDT response:					
31	Mike Smith – Manitoba Hydro	1		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
32	Andrew Gallo – Austin Energy	6		Yes	
SDT response:					
33	Rachel Coyne – Texas Reliability Entity, Inc.	10		Yes	The last sentence is exactly what Texas Re would like to see. The term is capitalized because it is defined and is intended to have the meaning of the defined term. Additionally, it would be helpful to list examples of components, such as wave traps, air switches, transformer tap changers, etc.
SDT response: Thank you for your comments.					
34	Yuguang Xiao – Manitoba Hydro	5		Yes	
SDT response:					
35	Chris Scanlon – Exelon	1	Exelon Utilities	Yes	
SDT response:					
36	Martin Boisvert – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
37	Erika Doot – U.S. Bureau of Reclamation	5		Yes	
SDT response:					
38	Jason Smith – Southwest Power Pool, Inc. (RTO)	2	SPP Standards Review Group	Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
39	Manon Paquet – On Behalf of: Roger Dufresne, Hydro-Quebec Production	1, 5		Yes	
SDT response:					
40	Robert A. Schaffeld – Southern Company - Southern Company Services, Inc.	1		Yes	
SDT response:					
41	Ben Engelby – ACES Power Marketing	6	ACES Standards Collaborators - Terms Project	No	"Transmission Line" is a defined term and the drafting team should consider if it should be capitalized.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend future Project 2015-04 meetings which will focus on development of these Phase 2 recommendations.					
42	Andy Bolivar – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
43	Kathleen Black – DTE Energy	3,4,5		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
44	Jennifer Losacco – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
45	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
46	Tony Eddleman – Nebraska Public Power District	3		Yes	
SDT response:					
47	Bernard Johnson – Oglethorpe Power Corporation	5		Yes	
SDT response:					
48	Colby Bellville – Duke Energy	1,3,5,6	Duke Energy	Yes	
SDT response:					
49	Andrea Jessup – Bonneville Power Administration	1,3,5,6		Yes	
SDT response:					

End of Report

Consideration of Comments
Term 17: Generator Operator

Project Name: 2015-04 Alignment of Terms

Comment Period Start Date: 6/13/2015

Comment Period End Date: 7/27/2015

Associated Ballot: Term 17: Generator Operator

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	N/A	1,3,5,6
Randi Heise	NERC Compliance Policy	N/A	1,3,5,6

Connie Lowe	NERC Compliance Policy	N/A	1,3,5,6
Louis Slade	NERC Compliance Policy	N/A	1,3,5,6
Chip Humphrey	Power Generation Compliance	N/A	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	N/A	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5

Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2

Ali Miremadi	CAISO	WECC	2

Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6

Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Question

Term 17: Generator Operator (redline)

Generator Operator:
The entity that operates generating Facility(ies) ~~unit(s)~~ and performs the functions of supplying energy and Interconnected Operations Services.

The SDT is proposing to revise the Glossary definition to align with the ROP. This is because the term "unit" (used in the current Glossary definition) is not a NERC defined term, and thus introduces the possibility of inconsistent use or application of the definition. The ROP definition provides greater clarity because it uses the term "Facility(ies)," which is defined by NERC as, "a set of electrical equipment that operates as a single Bulk Electric System Element (*e.g.*, a line, a generator, a shunt compensator, transformer, etc.)." (*See also*, NERC Limited Answer to RBR Comments, pp. 6-7: "Finally, NERC's proposed changes to the definitions of "Generator Owner" and "Generator Operator" which include replacing the undefined term "generating units" with the term "Facilities," are appropriate. The term "Facilities" is defined in the NERC Glossary as a Bulk Electric System element, which ties in directly to the new BES definition. Use of the term "Facilities" has allowed NERC to eliminate the Part III threshold criteria and use the new Bulk Electric System core definition, inclusions and exclusions to identify Bulk Electric System generator assets.")

Do you agree with the proposed Glossary definition revision to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

#	Commenter Organization	Segment	Group name	Y/N	Comment
1	John Fontenot – Bryan Texas Utilities	1		Yes	
SDT response:					
2	Emily Rousseau – MRO	1,2,3,4,5, 6	MRO-NERC Standards Review Forum (NSRF)	Yes	
SDT response:					
3	Leonard Kula – Independent Electricity System Operator	2		Yes	We agree with the proposed changes, but suggest to also change the definition in the Functional Model to achieve total consistency.

#	Commenter Organization	Segment	Group name	Y/N	Comment
SDT response: Thank you for your comments; however, modifications to the Functional Model fall outside the permissible scope of the work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
4	Mary Claire Yatsko – Seminole Electric Cooperative, Inc.	1,3,4,5,6		No	The grammar of this definition does not appear to be correct. Seminole suggest "The entity that operates a generating Facility(ies) and performs the function of supplying energy and interconnected Operations Services."
SDT response: Thank you for your comments; however, the proposed revisions fall outside the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. To the extent that you believe the issues identified in your comments should be addressed by a development project, the drafting team encourages you to submit a SAR outlining the issues and your proposed recommendations for resolving those issues.					
5	John Seelke – PSEG	1,2,5,6 -	PSEG	No	The comments below apply to both Term 17 (GOP) and Term 18 (GO) The SDT proposes to change "generating unit(s)" to "generating Facility(ies)" in the NERC Glossary definitions for Generator Owner (GO) and Generator Operator (GOP). The NERC Glossary term "Facility" means "a set of electrical equipment that operates as a single Bulk Electric System Element (e.g., a line, a generator, a shunt compensator, transformer, etc.)." While NERC has adopted new GO and GOP definitions for registration purposes, that action did not impact any GO or GOP registrations. However, extending those changes to the NERC Glossary will mean that the new definitions will apply to every existing and future Reliability Standards wherever "Generator Owner" and "Generator Operator" appears. As discussed below, the proposed definition changes may have unintended consequences for all GOs and GOPs. Therefore, PSEG is voting "Negative" until the SDT provides answers to the questions below.

#	Commenter Organization	Segment	Group name	Y/N	Comment
					1. For Inclusion I4 dispersed power producing resources (as defined in the Bulk Electric System definition), are busses and step-up transformers at points that aggregate less than 75 MVA of the output included in the "set of electrical equipment" needed to operate those resources? Please explain. If "yes," may current or future Reliability Standards apply to such collector buses and step-up transformers if the NERC Glossary terms for GO and GOP are changed as proposed? 2. Are "generator interconnection Facilities" included in the "set of electrical equipment" needed to operate all generating Facilities? Please explain. If "yes," may current or future Reliability Standards apply to such generator interconnection Facilities if the NERC Glossary terms for GO and GOP are changed as proposed? Background for this question and one follow-up question on this topic are provided below: <u>Background</u>: This term "generator interconnection facility" is defined Order No. 785 – see Paragraph 37. In Project 2010-07 (Generator Requirements at the Transmission Interface), that project's team considered, but decided against, creating a definition for NERC Glossary term for "generator interconnection Facilities" – see Paragraph 36 – or redefining the meaning of "Generator Owner" and Generator Operator" to include generator interconnection Facilities as recommended by the prior Ad Hoc Group Report referenced in Paragraph 6 of Order No. 785. <u>Follow-up question</u>: This Project 2015-04 team is encouraged to review Order No. 785 from this perspective of GOs and GOPs that may be currently also registered as TOs and TOPs because of their operation and ownership of generation interconnection Facilities. If the definitions of GO and GOP are amended as proposed, will such entities be subject to double jeopardy as a result of two registrations addressing the same facilities? See Paragraphs 41-53 and Paragraphs 54-57 in Order No. 785. This includes Cedar Creek and Harquahala. See Paragraphs 4-6 and Paragraph 54 in Order No. 785.

#	Commenter Organization	Segment	Group name	Y/N	Comment
					3. For all non-CIP NERC standards, will the proposed changes to the GO and GOP definitions expand the scope of "electrical equipment" needed to operate a BES generator to include non-electrical plant equipment and facilities such as boilers, turbines and the fuel/motive and cooling systems for them; all balance-of-plant and generator lubrication and cooling systems; plant building and site safety and security systems; plant emissions and discharge systems, monitoring and control systems other than a generator's AVR, PSS, and governor.
SDT response: The alignment revisions replaced the undefined term (unit) with a defined term (Facility), which provides greater clarity in the context of the FERC-approved definition of BES and aligns with the definition of Generator Operator in Appendix 5B of the Rules of Procedure. Alignment of definitions in the ROP and Glossary supports the goal, outlined in Section 501 of the Rules of Procedure, for clear and consistent identification of those entities that are responsible for compliance with the approved Reliability Standards. The definition of GOP in the NERC Glossary only relates to *who* must comply with the requirements in the Reliability Standards. It does not relate to the facilities subject to those requirements. The drafting team determined that the proposed modification to the Glossary definition would not have an effect on who would be considered a GOP. That is, the same entities that would meet the current definition of GOP would also meet the revised definition. Additionally, the drafting team notes that as part of Phase 2, the team will submit a SAR recommending revisions to the definition of "Facility." The drafting team highly encourages you to attend the next drafting team meeting, which will focus on development of the SAR and Phase 2 recommendations.					
6	Amy Casuscelli – Xcel Energy, Inc.	1,3,5,6		Yes	
SDT response:					
7	Thomas Foltz – AEP	5		Yes	
SDT response:					
8	Dennis Minton – Florida Keys Electric Cooperative Assoc.	1		Yes	
SDT response:					
9	Rob Collins –	1, 6, 5, 3		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co.				
SDT response:					
10	Louis Slade – Dominion Resources, Inc.	6	Dominion Resources, Inc.	Yes	
SDT response:					
11	Lee Pedowicz – Northeast Power Coordinating Council	10	NPCC--Project 2015-04	No	Considering the definition of Facility listed in the Glossary, a TOP operating a synchronous condenser or shunt compensator, which generates Mvars, could potentially qualify as operating a "generating Facility". Would the TOP therefore be under an obligation to register as a GOP? Even though Footnote 3 on page 6 preceding mentions that "the clarity and content of the current definition could be improved", and a SAR will be drafted, this should be taken care of now under this project.
SDT response: The alignment revisions replaced the undefined term (unit) with a defined term (Facility), which provides greater clarity in the context of the FERC-approved definition of BES and aligns with the definition of Generator Operator in Appendix 5B of the Rules of Procedure. Alignment of definitions in the ROP and Glossary supports the goal, outlined in Section 501 of the Rules of Procedure, for clear and consistent identification of those entities that are responsible for compliance with the approved Reliability Standards. The definition of GOP in the NERC Glossary only relates to *who* must comply with the requirements in the Reliability Standards. It does not relate to the facilities subject to those requirements. The drafting team determined that the proposed modification to the Glossary definition would not have an effect on who would be considered a GOP. That is, the same entities that would meet the current definition of GOP would also meet the revised definition. Additionally, the drafting team notes that as part of Phase 2, the team will submit a SAR recommending revisions to the definition of "Facility." The drafting team highly encourages you to attend the next drafting team meeting, which will focus on development of the SAR and Phase 2 recommendations.					
12	Joe O'Brien – NiSource - Northern Indiana Public Service Co.	6		Yes	
SDT response:					
13	Andrew Pusztai –	1		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	American Transmission Company, LLC				
SDT response:					
14	Matthew Beilfuss – WEC Energy Group, Inc.	3,4,5,6		Yes	
SDT response:					
15	Dennis Chastain – Tennessee Valley Authority	1,3,5,6		Yes	For alignment purposes, we agree with the proposed change to the Glossary definition. We also think the addition of "electrical" prior to "energy" would add further clarity to the Generator Operator definition. If added, it should be capitalized as "Electrical Energy" since this term is also in the Glossary. In reviewing the Generator Operator definition, we observed that the definition of "Interconnected Operations Service" (IOS) in the Glossary is vague. The IOS definition (also being addressed by this project as Term 24) appears to have been taken from a NERC reference document that was developed in 2001 and filed with FERC under docket No. RM01-12, Electricity Market Design and Structure. To the extent that there are any IOS that are not performed by the Generator Operator in the market constructs of 2015, the definition may be overstating the functions supplied by the Generator Operator.
SDT response: Thank you for your comments; however, the proposed revisions fall outside the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. To the extent that you believe the issues identified in your comments should be addressed by a development project, the drafting team encourages you to submit a SAR outlining the issues and your proposed recommendations for resolving those issues.					
16	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
17	Kaleb Brimhall – Colorado Springs Utilities	5	Colorado Springs Utilities	Yes	We support the Comments Submitted by the Southwest Power Pool.
SDT response: Please see the drafting team response to comments submitted by the Southwest Power Pool.					

#	Commenter Organization	Segment	Group name	Y/N	Comment
18	Terry Bilke – Midcontinent ISO, Inc.	2		No	Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them. From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard. A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term. While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.
SDT response: Please see the drafting team response to your comment for Term 4: Blackstart Resource.					
19	John Allen – City Utilities of Springfield, Missouri	4		Yes	See comments from SPP Standards Review Group.
SDT response:					
20	Jeremy Voll –	3		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Basin Electric Power Cooperative				
SDT response:					
21	Lee Schuster – Duke Energy	3		Yes	
SDT response:					
22	Si Truc Phan – Hydro-Quebec TransEnergie	1		No	Considering the definition of Facility listed in the Glossary, a TOP operating a synchronous condenser or shunt compensator, which generates Mvars, could potentially qualify as operating a "generating Facility". Would the TOP therefore be under an obligation to register as a GOP? Even though Footnote 3 on page 6 preceding mentions that "the clarity and content of the current definition could be improved", and a SAR will be drafted, this should be taken care of now under this project.
SDT response: The alignment revisions replaced the undefined term (unit) with a defined term (Facility), which provides greater clarity in the context of the FERC-approved definition of BES and aligns with the definition of Generator Operator in Appendix 5B of the Rules of Procedure. Alignment of definitions in the ROP and Glossary supports the goal, outlined in Section 501 of the Rules of Procedure, for clear and consistent identification of those entities that are responsible for compliance with the approved Reliability Standards. The definition of GOP in the NERC Glossary only relates to *who* must comply with the requirements in the Reliability Standards. It does not relate to the facilities subject to those requirements. The drafting team determined that the proposed modification to the Glossary definition would not have an effect on who would be considered a GOP. That is, the same entities that would meet the current definition of GOP would also meet the revised definition. Additionally, the drafting team notes that as part of Phase 2, the team will submit a SAR recommending revisions to the definition of "Facility." The drafting team highly encourages you to attend the next drafting team meeting, which will focus on development of the SAR and Phase 2 recommendations.					
23	Christina Bigelow – Electric Reliability Council of Texas, Inc.	2	IRC Standards Review Committee	Yes	The SRC has previously commented that there needs to be total consistency between all fundamental documents within NERC. Thus, while it does not disagree with the proposed changes, it recommends that the SDT take this opportunity to also synchronize this definition with the Functional Model.
SDT response: Thank you for your comments; however, modifications to the Functional Model fall outside the permissible scope of the work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the					

#	Commenter Organization	Segment	Group name	Y/N	Comment
associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
24	Heather Morgan – EDP Renewables North America LLC	5		No	Generator Operator: The entity that operates generating Facility(ies) and performs the functions of supplying energy and Interconnected Operations Services.
SDT response:					
25	Shawna Speer – Colorado Springs Utilities	1		Yes	
SDT response:					
26	Linda Jacobson-Quinn – City of Farmington	3		Yes	FEUS agrees with the term but recognizes it also used in the NERC Functional Model. The NERC Functional Model should be modified to align with the Glossary of Terms.
SDT response: Thank you for your comments; however, modifications to the Functional Model fall outside the permissible scope of the work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
27	Dan Wilson – PPL Electric Utilities Corporation	5		Yes	
SDT response:					
28	Yvonne McMackin – Public Utility District No. 2 of Grant County, Washington	4		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
29	Michiko Sell – Public Utility District No. 2 of Grant County, Washington	1		Yes	
SDT response:					
30	Alex Ybarra – Public Utility District No. 2 of Grant County, Washington	5		Yes	
SDT response:					
31	Mike Smith – Manitoba Hydro	1		No	Inconsistent approach is used for referencing defined terms with different suffixes. For defined term "Facility", sometimes referenced as "Facilities" and other times "Facility(ies)". Note that this inconsistency extends to multiple Glossary of Terms definitions that are not currently addressed in this project.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of suffixes throughout the NERC defined terms. As part of Phase 2 of this project, the drafting team will develop recommendations to prevent future misalignment or inconsistencies in NERC defined terms. The drafting team will consider developing a recommendation related to the issue raised in your comments. The drafting team will provide its Phase 2 recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the recommendations. The drafting team encourages you to attend future Project 2015-04 meetings which will focus on development of these Phase 2 recommendations.					
32	Andrew Gallo – Austin Energy	6		Yes	
SDT response:					
33	Rachel Coyne – Texas Reliability Entity, Inc.	10		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
34	Yuguang Xiao – Manitoba Hydro	5		No	
SDT response:					
35	Chris Scanlon – Exelon	1	Exelon Utilities	Yes	
SDT response:					
36	Martin Boisvert – Hydro-Quebec TransEnergie	1		No	See comments from NPCC--Project 2015-04.
SDT response: Please see drafting team response to NPCC-Project 2015-04 comments.					
37	Erika Doot – U.S. Bureau of Reclamation	5		No	Reclamation does not agree with the drafting team's proposed incorporation of the term "Facilities" into the NERC Glossary definitions of Generator Operator and Generator Owner. As noted by the drafting team, the definition of "Facilities" is ambiguous and in need of revision. Reclamation recommends that the terms Generator Operator and Generator Owner be placed in Category 2 and remain unchanged until the definition of Facility is improved so the impacts of the change in definition can be better understood.
SDT response: Thank you for your comments. Given the purpose of the project, the drafting team believes it appropriate to align the existing definitions as part of Phase 1 of this project.					
38	Jason Smith – Southwest Power Pool, Inc. (RTO)	2	SPP Standards Review Group	Yes	We would like to see phase 2 of this project add language to this definition such as: "Not to be confused with the actual operating personnel running the generating Facility(ies)". The intent being to clarify that the reference is to the "function" and not the "personnel".
SDT response: Thank you for your comments. At this time, during Phase 2 of this project, the team does not anticipate submitting a SAR proposing to modify the definition of Generator Operator. The team notes that it does anticipate submitted a SAR recommending revisions to the definition of "Facility." To the extent that you believe the issues identified in your comments should be addressed by a development project, the drafting team encourages you to submit a SAR proposing revisions to the definition of Generator Operator.					

#	Commenter Organization	Segment	Group name	Y/N	Comment
39	Manon Paquet – On Behalf of: Roger Dufresne, Hydro-Quebec Production	1, 5		No	Considering the definition of Facility given in the Glossary, a TOP operating a synchronous condenser or a shunt compensator, which generates Mvars, could potentially qualify as operating a "generating Facility", therefore being under the obligation to register as a GOP?
SDT response: The alignment revisions replaced the undefined term (unit) with a defined term (Facility), which provides greater clarity in the context of the FERC-approved definition of BES and aligns with the definition of Generator Operator in Appendix 5B of the Rules of Procedure. Alignment of definitions in the ROP and Glossary supports the goal, outlined in Section 501 of the Rules of Procedure, for clear and consistent identification of those entities that are responsible for compliance with the approved Reliability Standards. The definition of GOP in the NERC Glossary only relates to *who* must comply with the requirements in the Reliability Standards. It does not relate to the facilities subject to those requirements. The drafting team determined that the proposed modification to the Glossary definition would not have an effect on who would be considered a GOP. That is, the same entities that would meet the current definition of GOP would also meet the revised definition. Additionally, the drafting team notes that as part of Phase 2, the team will submit a SAR recommending revisions to the definition of "Facility." The drafting team highly encourages you to attend the next drafting team meeting, which will focus on development of the SAR and Phase 2 recommendations.					
40	Robert A. Schaffeld – Southern Company - Southern Company Services, Inc.	1		Yes	
SDT response:					
41	Ben Engelby – ACES Power Marketing	6	ACES Standards Collaborators - Terms Project	Yes	
SDT response:					
42	Andy Bolivar – NextEra Energy - Florida Power and Light Co.	1		Yes	Although we are in agreement with the alignment of terms with the ROP, we feel the term "Facilities" is too general or ambiguous when related to generation.
SDT response: Thank you for your support with the alignment revisions. The drafting team notes that as part of Phase 2, the team will submit a SAR recommending revisions to the definition of "Facility." The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations and SARs.					
43	Kathleen Black –	3,4,5		No	Agree with PSEG comments.

#	Commenter Organization	Segment	Group name	Y/N	Comment
	DTE Energy				
SDT response:					
44	Jennifer Losacco – NextEra Energy - Florida Power and Light Co.	1		Yes	Although we are in agreement with the alignment of terms with the ROP, we feel the term "Facilities" is too general or ambiguous when related to generation.
SDT response: Thank you for your support with the alignment revisions. The drafting team notes that as part of Phase 2, the team will submit a SAR recommending revisions to the definition of "Facility." The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations and SARs.					
45	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
46	Tony Eddleman – Nebraska Public Power District	3		Yes	
SDT response:					
47	Bernard Johnson – Oglethorpe Power Corporation	5		Yes	
SDT response:					
48	Colby Bellville – Duke Energy	1,3,5,6	Duke Energy	Yes	
SDT response:					
49	Andrea Jessup – Bonneville Power Administration	1,3,5,6		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
50	John Pearson – On Behalf of: Michael Puscas, ISO New England, Inc.	2		Yes	There needs to be total consistency between all fundamental documents within NERC. Thus, while ISO New England does not disagree with the proposed changes, it recommends that the SDT take this opportunity to also synchronize this definition with the Functional Model.
SDT response: Thank you for your comments; however, modifications to the Functional Model fall outside the permissible scope of the work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					

End of Report

Consideration of Comments
Term 18: Generator Owner

Project Name: 2015-04 Alignment of Terms

Comment Period Start Date: 6/13/2015

Comment Period End Date: 7/27/2015

Associated Ballot: 2015-04 - Alignment of Terms - Term 18: Generator Owner

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	N/A	1,3,5,6
Randi Heise	NERC Compliance Policy	N/A	1,3,5,6

Connie Lowe	NERC Compliance Policy	N/A	1,3,5,6
Louis Slade	NERC Compliance Policy	N/A	1,3,5,6
Chip Humphrey	Power Generation Compliance	N/A	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	N/A	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5

Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2

Ali Miremadi	CAISO	WECC	2

Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6

Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Question

Term 18: Generator Owner (redline)

Generator Owner**:**
Entity that owns and maintains generating Facility(ies)~~units~~.

The SDT is proposing to revise the Glossary definition to align with the ROP. This is because the term "unit" (used in the current Glossary definition) is not a NERC defined term, and thus introduces the possibility of inconsistent use or application of the definition. The ROP definition provides greater clarity because it uses the term "Facility(ies)," which is defined by NERC as, "a set of electrical equipment that operates as a single Bulk Electric System Element (*e.g.*, a line, a generator, a shunt compensator, transformer, etc.)." (*See also*, NERC Limited Answer to RBR Comments, pp. 6-7: "Finally, NERC's proposed changes to the definitions of "Generator Owner" and "Generator Operator" which include replacing the undefined term "generating units" with the term "Facilities," are appropriate. The term "Facilities" is defined in the NERC Glossary as a Bulk Electric System element, which ties in directly to the new BES definition. Use of the term "Facilities" has allowed NERC to eliminate the Part III threshold criteria and use the new Bulk Electric System core definition, inclusions and exclusions to identify Bulk Electric System generator assets.")

Do you agree with the proposed Glossary definition revision to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

#	Commenter Organization	Segment	Group name	Y/N	Comment
1	John Fontenot – Bryan Texas Utilities	1		Yes	
SDT response:					
2	Kathy Caignon – City of Vineland	3		Yes	
SDT response:					
3	Emily Rousseau – MRO	1,2,3,4,5, 6	MRO-NERC Standards Review Forum (NSRF)	Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
4	Leonard Kula – Independent Electricity System Operator	2		Yes	We agree with the proposed changes, but suggest to also change the definition in the Functional Model to achieve total consistency.
SDT response: Thank you for your comments; however, modifications to the Functional Model fall outside the permissible scope of the work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
5	Mary Claire Yatsko – Seminole Electric Cooperative, Inc.	1,3,4,5,6		No	The grammar of this definition does not appear to be correct. Seminole suggests "Entity that owns and maintains a generating Facility(ies).
SDT response: Thank you for your comments; however, your proposed revisions are outside of the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. For the term Generator Owner, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. To the extent that you believe the issues identified in your comments should be addressed by a development project, the drafting team encourages you to submit a SAR proposing revisions to the definition of Generator Owner.					
6	John Seelke – PSEG	1,2,5,6	PSEG	No	See comments provided for Term 18 previously.
SDT response: Please see drafting team response to your comments for Term 17: Generator Operator.					
7	Amy Casuscelli – Xcel Energy, Inc.	1,3,5,6		Yes	
SDT response:					
8	Thomas Foltz – AEP	5		Yes	
SDT response:					
9	Dennis Minton –	1		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Florida Keys Electric Cooperative Assoc.				
SDT response:					
10	Rob Collins – On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co.	1, 6, 5, 3		Yes	
SDT response:					
11	Louis Slade – Dominion Resources, Inc.	6	Dominion Resources, Inc.	Yes	
SDT response:					
12	Lee Pedowicz – Northeast Power Coordinating Council	10	NPCC--Project 2015-04	No	Considering the definition of Facility given in the Glossary, a TO owning a synchronous condenser or shunt compensator, which generates Mvars, could potentially qualify as owning a "generating Facility". Would the TO, therefore, be under an obligation to register as a GO? Even though Footnote 4 on page 7 preceding mentions that "the clarity and content of the current definition could be improved", and a SAR will be drafted, this should be taken care of now under this project.
SDT response: The alignment revisions replaced the undefined term (unit) with a defined term (Facility), which provides greater clarity in the context of the FERC-approved definition of BES and aligns with the definition of Generator Owner (GO) in Appendix 5B of the Rules of Procedure. Alignment of definitions in the ROP and Glossary supports the goal, outlined in Section 501 of the Rules of Procedure, for clear and consistent identification of those entities that are responsible for compliance with the approved Reliability Standards. The definition of GO in the NERC Glossary only relates to *who* must comply with the requirements in the Reliability Standards. It does not relate to the facilities subject to those requirements. The drafting team determined that the proposed modification to the Glossary definition would not have an effect on who would be considered a GO. That is, the same entities that would meet the current definition of GO would also meet the revised definition. Additionally, the drafting team notes that as part of Phase 2, the team will submit a SAR recommending revisions to the definition of "Facility." The drafting team highly encourages you to attend the next drafting team meeting, which will focus on development of the SAR and Phase 2 recommendations.					
13	Joe O'Brien –	6		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	NiSource - Northern Indiana Public Service Co.				
SDT response:					
14	Andrew Pusztai – American Transmission Company, LLC	1		Yes	
SDT response:					
15	Matthew Beilfuss – WEC Energy Group, Inc.	3,4,5,6		Yes	
SDT response:					
16	Dennis Chastain – Tennessee Valley Authority	1,3,5,6		Yes	For alignment purposes, we agree with the proposed change to the Glossary definition. For form consistency with the Generator Operator definition and other registered entity type definitions in the Glossary, we recommend starting the definition with "The entity that..." rather than "Entity that…".
SDT response: Thank you for your comments. The drafting team agrees that, when possible, there should be consistency in sentence structure throughout the NERC defined terms. As part of Phase 2 of this project, the drafting team will develop recommendations to prevent future misalignment or inconsistencies in NERC defined terms. The drafting team will consider developing a recommendation related to the issue raised in your comments. The drafting team will provide its Phase 2 recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
17	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
18	Kaleb Brimhall – Colorado Springs Utilities	5	Colorado Springs Utilities	Yes	We support the Comments Submitted by the Southwest Power Pool.
SDT response: Please see the drafting team response to comments submitted by the Southwest Power Pool.					

#	Commenter Organization	Segment	Group name	Y/N	Comment
19	Terry Bilke – Midcontinent ISO, Inc.	2		No	Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them. From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard. A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term. While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.
SDT response: Please see the drafting team response to your comment for Term 4: Blackstart Resource.					
20	John Allen – City Utilities of Springfield, Missouri	4		Yes	
SDT response:					
21	Jeremy Voll –	3		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Basin Electric Power Cooperative				
SDT response:					
22	Lee Schuster – Duke Energy	3		Yes	
SDT response:					
23	Si Truc Phan – Hydro-Quebec TransEnergie	1		No	Considering the definition of Facility given in the Glossary, a TO owning a synchronous condenser or shunt compensator, which generates Mvars, could potentially qualify as owning a "generating Facility". Would the TO, therefore, be under an obligation to register as a GO? Even though Footnote 4 on page 7 preceding mentions that "the clarity and content of the current definition could be improved", and a SAR will be drafted, this should be taken care of now under this project.
SDT response:					
24	Christina Bigelow – Electric Reliability Council of Texas, Inc.	2	IRC Standards Review Committee	Yes	The SRC has previously commented that there needs to be total consistency between all fundamental documents within NERC. Thus, while it does not disagree with the proposed changes, it recommends that the SDT take this opportunity to also synchronize this definition with the Functional Model.
SDT response: Thank you for your comments; however, modifications to the Functional Model fall outside the permissible scope of the work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
25	Heather Morgan – EDP Renewables North America LLC	5		No	Generator Owner: Entity that owns and maintains generating Facility(ies)
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
26	Shawna Speer – Colorado Springs Utilities	1		Yes	
SDT response:					
27	Linda Jacobson-Quinn – City of Farmington	3			FEUS agrees with the term but recognizes it also used in the NERC Functional Model. The NERC Functional Model should be modified to align with the Glossary of Terms.
SDT response: Thank you for your comments; however, modifications to the Functional Model fall outside the permissible scope of the work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
28	Dan Wilson – PPL Electric Utilities Corporation	5		Yes	
SDT response:					
29	Yvonne McMackin – Public Utility District No. 2 of Grant County, Washington	4		Yes	
SDT response:					
30	Michiko Sell – Public Utility District No. 2 of Grant County, Washington	1		Yes	
SDT response:					
31	Alex Ybarra –	5		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Public Utility District No. 2 of Grant County, Washington				
SDT response:					
32	Mike Smith – Manitoba Hydro	1		No	Inconsistent approach is used for referencing defined terms with different suffixes. For defined term "Facility", sometimes referenced as "Facilities" and other times "Facility(ies)". Note that this inconsistency extends to multiple Glossary of Terms definitions that are not currently addressed in this project.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of suffixes throughout the NERC defined terms. As part of Phase 2 of this project, the drafting team will develop recommendations to prevent future misalignment or inconsistencies in NERC defined terms. The drafting team will consider developing a recommendation related to the issue raised in your comments. The drafting team will provide its Phase 2 recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
33	Andrew Gallo – Austin Energy	6		Yes	
SDT response:					
34	Rachel Coyne – Texas Reliability Entity, Inc.	10		Yes	
SDT response:					
35	Yuguang Xiao – Manitoba Hydro	5		No	
SDT response:					
36	Chris Scanlon – Exelon	1	Exelon Utilities	Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
37	Martin Boisvert – Hydro-Quebec TransEnergie	1		No	
SDT response:					
38	Erika Doot – U.S. Bureau of Reclamation	5		No	Reclamation does not agree with the drafting team's proposed incorporation of the term "Facilities" into the NERC Glossary definitions of Generator Operator and Generator Owner. As noted by the drafting team, the definition of "Facilities" is ambiguous and in need of revision. Reclamation recommends that the terms Generator Operator and Generator Owner be placed in Category 2 and remain unchanged until the definition of Facility is improved so the impacts of the change in definition can be better understood.
SDT response: Thank you for your comments. Given the purpose of the project, the drafting team believes it appropriate to align the existing definitions as part of Phase 1 of this project. Additionally, the drafting team notes that as part of Phase 2, the team will submit a SAR recommending revisions to the definition of "Facility." The drafting team highly encourages you to attend the next drafting team meeting, which will focus on development of the SAR and Phase 2 recommendations.					
39	Jason Smith – Southwest Power Pool, Inc. (RTO)	2	SPP Standards Review Group	Yes	
SDT response:					
40	Manon Paquet – On Behalf of: Roger Dufresne, Hydro-Quebec Production	1, 5		No	Considering the definition of Facility given in the Glossary, a TO owning a synchronous condenser or a shunt compensator, which generates Mvars, could potentially qualify as owning a "generating Facility", therefore being under the obligation to register as a GO?
SDT response: The alignment revisions replaced the undefined term (unit) with a defined term (Facility), which provides greater clarity in the context of the FERC-approved definition of BES and aligns with the definition of Generator Owner (GO) in Appendix 5B of the Rules of Procedure. Alignment of definitions in the ROP and Glossary supports the goal, outlined in Section 501 of the Rules of Procedure, for clear and consistent identification of those entities that are responsible for compliance with the approved Reliability Standards. The definition of GO in the NERC Glossary only relates to *who* must comply with the requirements in the Reliability Standards. It does not relate to the facilities subject to those requirements. The drafting team determined that the proposed modification to the Glossary definition would not have an effect on who would be considered a GO. That is, the same entities that would meet the current definition of GO would also meet the revised definition.					

#	Commenter Organization	Segment	Group name	Y/N	Comment
Additionally, the drafting team notes that as part of Phase 2, the team will submit a SAR recommending revisions to the definition of "Facility." The drafting team highly encourages you to attend the next drafting team meeting, which will focus on development of the SAR and Phase 2 recommendations.					
41	Robert A. Schaffeld – Southern Company - Southern Company Services, Inc.	1		Yes	
SDT response:					
42	Ben Engelby – ACES Power Marketing	6	ACES Standards Collaborators - Terms Project	Yes	
SDT response:					
43	Andy Bolivar – NextEra Energy - Florida Power and Light Co.	1		Yes	Although we are in agreement with the alignment of terms with the ROP, we feel the term "Facilities" is too general or ambiguous when related to generation.
SDT response: Thank you for your support with the alignment revisions. The drafting team notes that as part of Phase 2, the team will submit a SAR recommending revisions to the definition of "Facility." The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations and SARs.					
44	Kathleen Black – DTE Energy	3,4,5		No	Agree with PSEG comments.
SDT response:					
45	Jennifer Losacco – NextEra Energy - Florida Power and Light Co.	1		Yes	Although we are in agreement with the alignment of terms with the ROP, we feel the term "Facilities" is too general or ambiguous when related to generation.
SDT response: Thank you for your support with the alignment revisions. The drafting team notes that as part of Phase 2, the team will submit a SAR recommending revisions to the definition of "Facility." The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations and SARs.					
46	Jared Shakespeare –	1		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Peak Reliability				
SDT response:					
47	Tony Eddleman – Nebraska Public Power District	3		Yes	
SDT response:					
48	Bernard Johnson – Oglethorpe Power Corporation	5		Yes	
SDT response:					
49	Colby Bellville – Duke Energy	1,3,5,6	Duke Energy	Yes	
SDT response:					
50	Andrea Jessup – Bonneville Power Administration	1,3,5,6		Yes	
SDT response:					

End of Report

Consideration of Comments
Term 20: Interchange Authority

Project Name: 2015-04 Alignment of Terms

Comment Period Start Date: 6/13/2015

Comment Period End Date: 7/27/2015

Associated Ballot: Term 20: Interchange Authority

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	N/A	1,3,5,6
Randi Heise	NERC Compliance Policy	N/A	1,3,5,6

Connie Lowe	NERC Compliance Policy	N/A	1,3,5,6
Louis Slade	NERC Compliance Policy	N/A	1,3,5,6
Chip Humphrey	Power Generation Compliance	N/A	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	N/A	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5

Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2

Ali Miremadi	CAISO	WECC	2

Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6

Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Question

Term 20: Interchange Authority (redline)

Interchange Authority:
The responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communication of Interchange information for reliability assessment purposes.

The SDT is recommending errata changes to both the Glossary and ROP definitions, as follows:

(1) For the Glossary, add the word "the" to align with the ROP definition.
(2) For the ROP, remove the "s" from "communications" to align with the Glossary definition.

Do you agree with the proposed Glossary definition revision to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

#	Commenter Organization	Segment	Group name	Y/N	Comment
1	John Fontenot – Bryan Texas Utilities	1		Yes	
SDT response:					
2	Emily Rousseau – MRO	1,2,3,4,5, 6	MRO-NERC Standards Review Forum (NSRF)	Yes	
SDT response:					
3	Leonard Kula – Independent Electricity System Operator	2		Yes	While we agree with adding the word "the" to the definition, the definition itself is not consistent with that in the Functional Model. We commented on the SAR to suggest that there needs to be total consistency between all fundamental documents within NERC. We therefore suggest the SDT to revise the Functional Model, or to adopt the definition provided in the Functional Model in the NERC Glossary and the RoP.
SDT response: Thank you for your comments; however, modifications to the Functional Model fall outside the permissible scope of the work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the					

#	Commenter Organization	Segment	Group name	Y/N	Comment
associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
4	Mary Claire Yatsko – Seminole Electric Cooperative, Inc.	1,3,4,5,6		Yes	
SDT response:					
5	John Seelke – PSEG	1,2,5,6	PSEG	Yes	
SDT response:					
6	Amy Casuscelli – Xcel Energy, Inc.	1,3,5,6		Yes	
SDT response:					
7	Thomas Foltz – AEP	5		Yes	
SDT response:					
8	Dennis Minton – Florida Keys Electric Cooperative Assoc.	1		Yes	
SDT response:					
9	Rob Collins – On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co.	1, 6, 5, 3		Yes	
SDT response:					
10	Louis Slade – Dominion Resources, Inc.	6	Dominion Resources, Inc.	Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
SDT response:					
11	Lee Pedowicz – Northeast Power Coordinating Council	10	NPCC--Project 2015-04	No	[1] Regarding communication, suggest revising the definition to read: The responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures the communication of Interchange information for reliability assessment purposes. [2] "Interchange Coordinator" would be more a more consistent title to be used with the definition. A "Coordinator" can authorize. We recognize that this is a substantive change that must be addressed.
SDT response: Thank you for your comments; however, your proposed revisions are outside of the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. For the term Interchange Authority, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. However, to the extent that you believe the issues identified in your comments should be addressed by a development project, the drafting team encourages you to submit a SAR outlining the issues and your proposed recommendations for resolving those issues.					
12	Joe O'Brien – NiSource - Northern Indiana Public Service Co.	6		Yes	
SDT response:					
13	Andrew Pusztai – American Transmission Company, LLC	1		Yes	
SDT response:					
14	Matthew Beilfuss – WEC Energy Group, Inc.	3,4,5,6		Yes	
SDT response:					
15	Dennis Chastain – Tennessee Valley Authority	1,3,5,6		Yes	For alignment purposes, we agree with the proposed change to the Glossary definition.

#	Commenter Organization	Segment	Group name	Y/N	Comment
					[1] For form consistency with other entity type definitions contained in the Glossary, we recommend starting the definition with "The entity that..." rather than "The responsible entity that…". [2] It is unclear if the Interchange Authority definition needs to remain in the Glossary given NERC actions taken earlier this year to remove Interchange Authorities from the NERC Compliance Registry. However, we recognize that removal of the term from the Glossary may be beyond the scope of this project.
SDT response: [1] Thank you for your comments. The drafting team agrees that, when possible, there should be consistency in sentence structure throughout the NERC defined terms. As part of Phase 2 of this project, the drafting team will develop recommendations to prevent future misalignment or inconsistencies in NERC defined terms. The drafting team will consider developing a recommendation related to the issue raised in your comments. The drafting team will provide its Phase 2 recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the recommendations. The drafting team encourages you to attend future Project 2015-04 meetings which will focus on development of these Phase 2 recommendations. [2] The Risk-Based Registration initiative removed the Interchange Authority from the NERC Compliance Registry, as explained in further detail in the RBR Petition. Nevertheless, the defined term "Interchange Authority" remains in several Reliability Standards that are active, pending, or subject to future enforcement. While any Reliability Standard requirement that references an entity proposed for deactivation will be moot and not enforceable with respect to that entity (see RBR Petition at 20), it is not appropriate to remove the defined term from the NERC Glossary until that defined term is in fact no longer used in the Reliability Standards. During Phase 1 of this project, a number of commenters raised concerns regarding possible revisions that are needed for the Glossary and/or Reliability Standards as a result of the Risk-Based Registration Initiative. As part of Phase 2 of this project, the team will consider whether a recommendation is needed to address the various concerns raised by commenters.				
16	Jared Shakespeare – Peak Reliability	1		No	This terms should be retired as its no longer a registered function.
SDT response: Thank you for your comment; however, retiring the definition is outside the scope of work for this project. The drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. Other than alignment revisions, the drafting team was not at liberty to revise the definitions. The drafting team notes that the Risk-Based Registration initiative removed the Interchange Authority from the NERC Compliance Registry, as explained in further detail in the RBR Petition. Nevertheless, the defined term "Interchange Authority" remains in several Reliability Standards that are active, pending, or subject to future enforcement. While any Reliability Standard requirement that references an entity proposed for deactivation will be moot and not					

#	Commenter Organization	Segment	Group name	Y/N	Comment
enforceable with respect to that entity (see RBR Petition at 20), it is not appropriate to remove the defined term from the NERC Glossary until that defined term is in fact no longer used in the Reliability Standards. During Phase 1 of this project, a number of commenters raised concerns regarding possible revisions that are needed for the Glossary and/or Reliability Standards as a result of the Risk-Based Registration Initiative. As part of Phase 2 of this project, the team will consider whether a recommendation is needed to address the various concerns raised by commenters.					
17	Kaleb Brimhall – Colorado Springs Utilities	5	Colorado Springs Utilities	Yes	We support the Comments Submitted by the Southwest Power Pool.
SDT response: Please see the drafting team response to comments submitted by the Southwest Power Pool.					
18	Terry Bilke – Midcontinent ISO, Inc.	2		No	Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them. From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard. A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term. While we say we're stabilizing the standards, this adds another layer of effort,

#	Commenter Organization	Segment	Group name	Y/N	Comment
					particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.
SDT response: Please see the drafting team response to your comment for Term 4: Blackstart Resource.					
19	John Allen – City Utilities of Springfield, Missouri	4		Yes	
SDT response:					
20	Jeremy Voll – Basin Electric Power Cooperative	3		Yes	
SDT response:					
21	Lee Schuster – Duke Energy	3		Yes	
SDT response:					
22	Si Truc Phan – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
23	Christina Bigelow – Electric Reliability Council of Texas, Inc.	2	IRC Standards Review Committee	Yes	The SRC has previously commented that there needs to be total consistency between all fundamental documents within NERC. Thus, while it does not disagree with the proposed changes, it recommends that the SDT take this opportunity to also synchronize this definition with the Functional Model.
SDT response: Thank you for your comments; however, modifications to the Functional Model fall outside the permissible scope of the work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and					

#	Commenter Organization	Segment	Group name	Y/N	Comment
incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
24	Heather Morgan – EDP Renewables North America LLC	5		Yes	
SDT response:					
25	Shawna Speer – Colorado Springs Utilities	1		Yes	
SDT response:					
26	Linda Jacobson-Quinn – City of Farmington	3		No	The NERC Functional Model changed the Interchange Authority to Interchange Coordinator noting it better reflects the nature of the entity. Additionally, the NERC Functional Model defines the Interchange Coordinator as "The functional entity that ensures communication of Arranged Interchange for reliability evaluation purposes and coordinates implementation of valid and balanced Confirmed Interchange between Balancing Authority Areas." FEUS recommends ensuring the Functional Model, RoP, and Glossary are all in alignment.
SDT response: Thank you for your comments; however, modifications to the Functional Model fall outside the permissible scope of the work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
27	Dan Wilson – PPL Electric Utilities Corporation	5		Yes	
SDT response:					
28	Yvonne McMackin –	4		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Public Utility District No. 2 of Grant County, Washington				
SDT response:					
29	Michiko Sell – Public Utility District No. 2 of Grant County, Washington	1		Yes	
SDT response:					
30	Alex Ybarra – Public Utility District No. 2 of Grant County, Washington	5		Yes	
SDT response:					
31	Mike Smith – Manitoba Hydro	1		Yes	
SDT response:					
32	Andrew Gallo – Austin Energy	6		Yes	
SDT response:					
33	Rachel Coyne – Texas Reliability Entity, Inc.	10		Yes	
SDT response:					
34	Yuguang Xiao – Manitoba Hydro	5		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
35	Chris Scanlon – Exelon	1	Exelon Utilities	Yes	
SDT response:					
36	Martin Boisvert – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
37	Erika Doot – U.S. Bureau of Reclamation	5		Yes	
SDT response:					
38	Jason Smith – Southwest Power Pool, Inc. (RTO)	2	SPP Standards Review Group	Yes	
SDT response:					
39	Manon Paquet – On Behalf of: Roger Dufresne, Hydro-Quebec Production	1, 5		Yes	
SDT response:					
40	Robert A. Schaffeld – Southern Company - Southern Company Services, Inc.	1		Yes	
SDT response:					
41	Ben Engelby – ACES Power Marketing	6	ACES Standards Collaborators - Terms Project	Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
SDT response:					
42	Andy Bolivar – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
43	Kathleen Black – DTE Energy	3,4,5		Yes	
SDT response:					
44	Jennifer Losacco – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
45	Jared Shakespeare – Peak Reliability	1		Yes	Is the IA definition still needed if the risk-based registration project did away with it?
SDT response: The Risk-Based Registration initiative removed the Interchange Authority from the NERC Compliance Registry, as explained in further detail in the RBR Petition. Nevertheless, the defined term "Interchange Authority" remains in several Reliability Standards that are active, pending, or subject to future enforcement. While any Reliability Standard requirement that references an entity proposed for deactivation will be moot and not enforceable with respect to that entity (see RBR Petition at 20), it is not appropriate to remove the defined term from the NERC Glossary until that defined term is in fact no longer used in the Reliability Standards. During Phase 1 of this project, a number of commenters raised concerns regarding possible revisions that are needed for the Glossary and/or Reliability Standards as a result of the Risk-Based Registration Initiative. As part of Phase 2 of this project, the team will consider whether a recommendation is needed to address the various concerns raised by commenters.					
46	Tony Eddleman – Nebraska Public Power District	3		Yes	
SDT response:					
47	Bernard Johnson –	5		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Oglethorpe Power Corporation				
SDT response:					
48	Colby Bellville – Duke Energy	1,3,5,6	Duke Energy	Yes	While Duke Energy agrees that the proposed alignment appears correct, we seek justification on the necessity of aligning this term since FERC has approved the removal of Interchange Authority from the Compliance Registry.
SDT response: The Risk-Based Registration initiative removed the Interchange Authority from the NERC Compliance Registry, as explained in further detail in the RBR Petition. Nevertheless, the defined term "Interchange Authority" remains in several Reliability Standards that are active, pending, or subject to future enforcement. While any Reliability Standard requirement that references an entity proposed for deactivation will be moot and not enforceable with respect to that entity (see RBR Petition at 20), it is not appropriate to remove the defined term from the NERC Glossary until that defined term is in fact no longer used in the Reliability Standards. During Phase 1 of this project, a number of commenters raised concerns regarding possible revisions that are needed for the Glossary and/or Reliability Standards as a result of the Risk-Based Registration Initiative. As part of Phase 2 of this project, the team will consider whether a recommendation is needed to address the various concerns raised by commenters.					
49	Andrea Jessup – Bonneville Power Administration	1,3,5,6		Yes	
SDT response:					
50	Steven Rueckert – Western Electricity Coordinating Council -	10		Yes	I agree with the revisions, but question the need for the term. FERC recently approved deregistration of all PSE and IA entities. Was there any thought given to deleting the term rather than modifying it?
SDT response: Thank you for your comment; however, retiring the definition is outside the scope of work for this project. The drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. Other than alignment revisions, the drafting team was not at liberty to revise the definitions. The drafting team notes that the Risk-Based Registration initiative removed the Interchange Authority from the NERC Compliance Registry, as explained in further detail in the RBR Petition. Nevertheless, the defined term "Interchange Authority" remains in several Reliability Standards that are active, pending, or subject to future enforcement. While any Reliability Standard requirement that references an entity proposed for deactivation will be moot and not enforceable with respect to that entity (see RBR Petition at 20), it is not appropriate to remove the defined term from the NERC Glossary until that defined term is in fact no longer used in the Reliability Standards.					

#	Commenter Organization	Segment	Group name	Y/N	Comment
During Phase 1 of this project, a number of commenters raised concerns regarding possible revisions that are needed for the Glossary and/or Reliability Standards as a result of the Risk-Based Registration Initiative. As part of Phase 2 of this project, the team will consider whether a recommendation is needed to address the various concerns raised by commenters.					

End of Report

Consideration of Comments
Term 24: Interconnected Operations Service

Project Name: 2015-04 Alignment of Terms

Comment Period Start Date: 6/13/2015

Comment Period End Date: 7/27/2015

Associated Ballot: Term 24: Interconnected Operations Service

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	N/A	1,3,5,6
Randi Heise	NERC Compliance Policy	N/A	1,3,5,6

Connie Lowe	NERC Compliance Policy	N/A	1,3,5,6
Louis Slade	NERC Compliance Policy	N/A	1,3,5,6
Chip Humphrey	Power Generation Compliance	N/A	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	N/A	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5

Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2

Ali Miremadi	CAISO	WECC	2

Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6

Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Question

Term 24: Interconnected Operations Service (redline)

Interconnected Operations Service:
A service (exclusive of basic energy and ~~transmission~~ Transmission ~~services~~Services) that is required to support the ~~reliable~~ Reliable ~~operation~~ Operation of interconnected Bulk Electric Systems.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the terms "Transmission Services" and "Reliable Operation" because these terms are defined in the Glossary, and their usage in this definition narrative is intended to have the meaning of the defined terms.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

#	Commenter Organization	Segment	Group name	Y/N	Comment
1	John Fontenot – Bryan Texas Utilities	1		Yes	
SDT response:					
2	Emily Rousseau – MRO	1,2,3,4,5, 6	MRO-NERC Standards Review Forum (NSRF)	Yes	
SDT response:					
3	Leonard Kula – Independent Electricity System Operator	2		Yes	
SDT response:					
4	Mary Claire Yatsko – Seminole Electric Cooperative, Inc.	1,3,4,5,6		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
5	John Seelke – PSEG	1,2,5,6	PSEG	Yes	
SDT response:					
6	Amy Casuscelli – Xcel Energy, Inc.	1,3,5,6		Yes	
SDT response:					
7	Thomas Foltz – AEP	5		Yes	
SDT response:					
8	Dennis Minton – Florida Keys Electric Cooperative Assoc.	1		Yes	
SDT response:					
9	Rob Collins – On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co.	1, 6, 5, 3		Yes	
SDT response:					
10	Louis Slade – Dominion Resources, Inc.	6	Dominion Resources, Inc.	Yes	
SDT response:					
11	Lee Pedowicz – Northeast Power Coordinating Council	10	NPCC--Project 2015-04	Yes	
SDT response:					
12	Joe O'Brien –	6		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	NiSource - Northern Indiana Public Service Co.				
SDT response:					
13	Andrew Pusztai – American Transmission Company, LLC	1		Yes	
SDT response:					
14	Matthew Beilfuss – WEC Energy Group, Inc.	3,4,5,6		Yes	
SDT response:					
15	Dennis Chastain – Tennessee Valley Authority	1,3,5,6		Yes	For alignment purposes, we agree with the proposed change to the Glossary definition. The IOS definition appears to have been taken from a NERC reference document that was developed in 2001 and filed with FERC under docket No. RM01-12, Electricity Market Design and Structure. It is a vague definition, and since it is used in the definition of Generator Operator, also impacts that definition. We suggest the SDT consider drafting a SAR to improve the clarity and content of the IOS definition.
SDT response: Thank you for your comments; however, the drafting team did not identify Interconnected Operations Service as one of the terms for which it will develop a SAR. To the extent that you believe the issues identified in your comments should be addressed by a development project, the drafting team encourages you to submit a SAR outlining the issues and your proposed recommendations for resolving those issues.					
16	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
17	Kaleb Brimhall – Colorado Springs Utilities	5	Colorado Springs Utilities	Yes	We support the Comments Submitted by the Southwest Power Pool.
SDT response: Please see the drafting team response to comments submitted by the Southwest Power Pool.					

#	Commenter Organization	Segment	Group name	Y/N	Comment
18	Terry Bilke – Midcontinent ISO, Inc.	2		No	Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them. From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard. A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term. While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.
SDT response: Please see the drafting team response to your comment for Term 4: Blackstart Resource.					
19	John Allen – City Utilities of Springfield, Missouri	4		Yes	
SDT response:					
20	Jeremy Voll –	3		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Basin Electric Power Cooperative				
SDT response:					
21	Lee Schuster – Duke Energy	3		Yes	
SDT response:					
22	Si Truc Phan – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
23	Christina Bigelow – Electric Reliability Council of Texas, Inc.	2	IRC Standards Review Committee	Yes	Comments provided in the attached file.
SDT response: The drafting team did not receive additional comments.					
24	Heather Morgan – EDP Renewables North America LLC	5		Yes	
SDT response:					
25	Shawna Speer – Colorado Springs Utilities	1		Yes	
SDT response:					
26	Linda Jacobson-Quinn – City of Farmington	3		Yes	
SDT response:					
27	Dan Wilson –	5		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	PPL Electric Utilities Corporation				
SDT response:					
28	Yvonne McMackin – Public Utility District No. 2 of Grant County, Washington	4		Yes	
SDT response:					
29	Michiko Sell – Public Utility District No. 2 of Grant County, Washington	1		Yes	
SDT response:					
30	Alex Ybarra – Public Utility District No. 2 of Grant County, Washington	5		Yes	
SDT response:					
31	Mike Smith – Manitoba Hydro	1		Yes	
SDT response:					
32	Andrew Gallo – Austin Energy	6		Yes	
SDT response:					
33	Rachel Coyne – Texas Reliability Entity, Inc.	10		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
34	Yuguang Xiao – Manitoba Hydro	5		Yes	
SDT response:					
35	Chris Scanlon – Exelon	1	Exelon Utilities	Yes	
SDT response:					
36	Martin Boisvert – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
37	Erika Doot – U.S. Bureau of Reclamation	5		Yes	
SDT response:					
38	Jason Smith – Southwest Power Pool, Inc. (RTO)	2	SPP Standards Review Group	Yes	We agree with the alignment. However either here or in phase 2, the reference to "interconnected Bulk Electric Systems" seems confusing. Is the service referring to "multiple" Bulk Electric Systems within an interconnection or is there only "one" Bulk Electric System in the interconnection? Or is it one Bulk Electric System with multiple interconnections? Perhaps the definition should refer to "…Reliable Operation of the interconnected Bulk Electric System." Please review.
SDT response: The drafting team appreciates your comments and believes that the definition could be more clear. However, the proposed revisions fall outside the permissible scope of work for this project. As part of Phase 1 for this project, the drafting team identified all existing defined terms that are contained in both the Glossary and the ROP ("cross-over terms"), and to the extent there were definitional differences, proposed alignment revisions where appropriate. For the term IOS, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. It is important to point out that the revisions were limited to alignment – the drafting team simply revised the Glossary definition by adopting the existing language in the ROP definition. If you believe					

#	Commenter Organization	Segment	Group name	Y/N	Comment
revisions should be made to the definition of IOS to clarify the reference to the "interconnected BES," the drafting team suggests submitting a Standards Authorization Request (SAR) outlining how the existing language could be revised to provide greater clarity regarding the intended meaning and definition application. Additionally, the drafting team notes that during the Phase 1 work, a number of questions were raised regarding inconsistent or improper usage of the terms Bulk Electric System (BES) and Bulk Power System (BPS). During Phase 2, the drafting team will consider recommending that an effort is undertaken to review and assess usage of the terms BES and BPS throughout the Reliability Standards, Glossary, and ROP to ensure proper usage and application given the particular context.					
39	Manon Paquet – On Behalf of: Roger Dufresne, Hydro-Quebec Production	1, 5		Yes	
SDT response:					
40	Robert A. Schaffeld – Southern Company - Southern Company Services, Inc.	1		Yes	
SDT response:					
41	Ben Engelby – ACES Power Marketing	6	ACES Standards Collaborators - Terms Project	No	[1] This term should either end with "an Interconnection" or "the Bulk Electric System" (singular). This alignment should be made to the ROP as well. [2] Also, Transmission Services by NERC definition, implies ancillary services are included since it involves "services…to move energy from a Point of Receipt to a Point of Delivery." The FERC pro forma tariff requires a number of ancillary services including reactive supply, voltage control imbalance, regulation, frequency response, and operating reserve, which may be required "to move energy from a Point of Receipt to a Point of Delivery." Thus, by capitalizing Transmission Service, the definition changes the meaning of Interconnected Operations Service, and may change the meaning by excluding all Ancillary Services. The application of the requirements that use this term may also be altered.

#	Commenter Organization	Segment	Group name	Y/N	Comment
SDT response: [1] The drafting team appreciates your comments and believes that the definition could be clearer. However, the proposed revisions fall outside the permissible scope of work for this project. As part of Phase 1 for this project, the drafting team identified all existing defined terms that are contained in both the Glossary and the ROP ("cross-over terms"), and to the extent there were definitional differences, proposed alignment revisions where appropriate. For the term IOS, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. It is important to point out that the revisions were limited to alignment – the drafting team simply revised the Glossary definition by adopting the existing language in the ROP definition. The drafting team did not have authorization to revise the definitions outside of addressing alignment between the existing definition language in the Glossary and ROP. If you believe revisions should be made to the definition of IOS to clarify the reference to the "interconnected BES," the drafting team suggests submitting a Standards Authorization Request (SAR) outlining how the existing language could be revised to provide greater clarity regarding the intended meaning and definition application. [2] It is the position of the drafting team that the revision alignments to the definition of "Interconnected Operations Service" do not impact Ancillary Services. The team notes that the term IOS does not appear in any Reliability Standards (the term is only used in other Glossary definitions). Additionally, the term "Ancillary Service" appears in only once in a Regional Reliability Standard, BAL-001-TRE-1, Section 6.2.				
42	Andy Bolivar – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
43	Kathleen Black – DTE Energy	3,4,5		Yes	
SDT response:					
44	Jennifer Losacco – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
44	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
45	Tony Eddleman – Nebraska Public Power District	3		Yes	
SDT response:					
46	Bernard Johnson – Oglethorpe Power Corporation	5		Yes	
SDT response:					
47	Colby Bellville – Duke Energy	1,3,5,6	Duke Energy	Yes	Duke Energy suggests replacing "interconnected Bulk Electric System" with "the Bulk-Power System". The NERC-defined term "Reliable Operation" includes Bulk-Power System in the definition, and we believe using the NERC-defined term "Bulk-Power System" is a better way to state "interconnected Bulk Electric Systems" since the definition of Bulk-Power System includes: "A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof);"
SDT response: The drafting team appreciates your comments; however, the proposed revisions fall outside the permissible scope of work for this project. As part of Phase 1 for this project, the drafting team identified all existing defined terms that are contained in both the Glossary and the ROP ("cross-over terms"), and to the extent there were definitional differences, proposed alignment revisions where appropriate. For the term IOS, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. It is important to point out that the revisions were limited to alignment – the drafting team simply revised the Glossary definition by adopting the existing language in the ROP definition. If you believe revisions should be made to the definition of IOS, the drafting team suggests submitting a Standards Authorization Request (SAR) outlining any perceived issues or proposed revisions to the definition. Additionally, the drafting team notes that during the Phase 1 work, a number of questions were raised regarding inconsistent or improper usage of the terms Bulk Electric System (BES) and Bulk Power System (BPS). During Phase 2, the drafting team will consider recommending that an effort is undertaken to review and assess usage of the terms BES and BPS throughout the Reliability Standards, Glossary, and ROP to ensure proper usage and application given the particular context.				
48	Andrea Jessup –	1,3,5,6		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Bonneville Power Administration				
SDT response:					

End of Report

Consideration of Comments
Term 25: Interconnection

Project Name: 2015-04 Alignment of Terms

Comment Period Start Date: 6/13/2015

Comment Period End Date: 7/27/2015

Associated Ballot: Term 25: Interconnection

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	N/A	1,3,5,6
Randi Heise	NERC Compliance Policy	N/A	1,3,5,6

Connie Lowe	NERC Compliance Policy	N/A	1,3,5,6
Louis Slade	NERC Compliance Policy	N/A	1,3,5,6
Chip Humphrey	Power Generation Compliance	N/A	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	N/A	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5

Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2

Ali Miremadi	CAISO	WECC	2

Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6

Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Question

Term 25: Interconnection (redline)

Interconnection:
A geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control. When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.

The SDT is proposing revisions to both the Glossary and ROP definitions (effective no earlier than July 1, 2016). The ROP definition is broader than the Glossary because it provides a description of what constitutes an interconnection, as opposed to identifying the specific geographical areas in North America that currently constitute an interconnection. The ROP definition tracks the Federal Power Act (note it is marked with ++ indicating such). Because the Glossary limits application of the definition to the specific interconnections identified therein, it could be perceived as intended to be more limiting and/or intentionally different than the ROP definition. In order to align the two definitions, without losing the clarity provided by the FERC-approved Glossary definition, which specifically identifies the current Interconnections in North America, the SDT is proposing to combine the two definitions. However, because the recently FERC-approved Glossary definition is not effective until July 1, 2016, the SDT is proposing that the alignment revisions do not take effect until July 1, 2016, at the earliest.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

#	Commenter Organization	Segment	Group name	Y/N	Comment
1	John Fontenot – Bryan Texas Utilities	1		Yes	
SDT response:					
2	Kathy Caignon – City of Vineland	3		Yes	
SDT response:					
3	Emily Rousseau – MRO	1,2,3,4,5, 6	MRO-NERC Standards Review Forum (NSRF)	No	Recommend that this term be moved to Phase 2 so that the SDT can work on improving the definition. By stating a geographic area within the proposed definition, it implies that all Standards that are used within an Interconnection

#	Commenter Organization	Segment	Group name	Y/N	Comment
					would be applied to any system that has separated from other synchronized entities (has islanded themselves). All BA standards would then need to be enforced. This will increase the islanded entity's risk of complying with all Interconnection Requirements if they do become islanded. With the use of Bulk Power System and to maintain Reliable Operation of the Facilities in the same sentence, the Project Team is sending mixed signals. The term "Facility" is directly related to the BES definition where the Bulk Power System includes the distribution of energy to end use customers, mostly outside the scope of the NERC Reliability Standards
SDT response: The proposed alignment revisions do not affect functional entity registration. The drafting team notes that the aligned definition could be improved. Because the SAR limits this drafting team to alignment of the existing language in the Glossary and ROP definitions, the drafting team did not propose substantive language revisions (other than alignment revisions). However, as part of Phase 2 for this project, the drafting team will consider developing a SAR to revise the definition of Interconnection to address the issues identified by team members and various commenters. If the team does decide to develop a SAR, the SAR will be submitted to the Standards Committee (SC) in accordance with the procedure outlined in the Standards Process Manual. The drafting team *highly* encourages you to attend the next Project 2015-04 meeting which will focus on development of the SAR and Phase 2 recommendations.					
4	Leonard Kula – Independent Electricity System Operator	2		No	We agree with the first part of the proposed addition to clarify the synchronized operation condition but not the qualifier on the reliable operation part, which is the fundamental objective of the Reliability Standards but not required to describe an Interconnection. We therefore suggest the definition be stated as: A geographic area in which the operation of Bulk Power System components is synchronized. When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.
SDT response: Thank you for your comments; however, your proposed revisions are outside of the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. For the term Interconnection, the drafting team proposed combining the language from the Glossary and ROP definitions into one aligned definition. The drafting team recognizes that the aligned definition could be improved. Because the SAR limits this drafting team to alignment of the existing language in the Glossary and ROP definitions, the drafting team did not propose substantive language revisions (other than alignment revisions). However, as part of Phase 2 for this project, the drafting team will consider developing a SAR to revise the definition of Interconnection to address the issues identified by team members and various commenters. If the team does decide to develop a SAR, the SAR will be submitted to the Standards Committee (SC) in accordance with the procedure outlined in the Standards Process Manual. The drafting team *highly* encourages you to attend the next Project 2015-04 meeting which will focus on development of the SAR and Phase 2 recommendations.					

#	Commenter Organization	Segment	Group name	Y/N	Comment
5	Mary Claire Yatsko – Seminole Electric Cooperative, Inc.	1,3,4,5,6		Yes	
SDT response:					
6	John Seelke – PSEG	1,2,5,6	PSEG	Yes	
SDT response:					
7	Amy Casuscelli – Xcel Energy, Inc.	1,3,5,6		No	Within an Interconnection, Elements and resources may be operated asynchronously as well. We propose: "The System of Bulk Power System components that are operated asynchronously to other Systems of Bulk Power System components."
SDT response: Thank you for your comments; however, your proposed revisions are outside of the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. For the term Interconnection, the drafting team proposed combining the language from the Glossary and ROP definitions into one aligned definition. The drafting team recognizes that the aligned definition could be improved. Because the SAR limits this drafting team to alignment of the existing language in the Glossary and ROP definitions, the drafting team did not propose substantive language revisions (other than alignment revisions). However, as part of Phase 2 for this project, the drafting team will consider developing a SAR to revise the definition of Interconnection to address the issues identified by team members and various commenters. If the team does decide to develop a SAR, the SAR will be submitted to the Standards Committee (SC) in accordance with the procedure outlined in the Standards Process Manual. The drafting team *highly* encourages you to attend the next Project 2015-04 meeting which will focus on development of the SAR and Phase 2 recommendations.					
8	Thomas Foltz – AEP	5		Yes	
SDT response:					
9	Dennis Minton – Florida Keys Electric Cooperative Assoc.	1		Yes	
SDT response:					
10	Rob Collins –	1, 6, 5, 3		No	For Phase 1, Vectren proposes not to align the ROP and the NERC Glossary definition of Interconnection since Bulk Power System components can be

#	Commenter Organization	Segment	Group name	Y/N	Comment
	On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co.				asynchronous. We also propose not specifying in the definition, 'When capitalized'. Vectren would like to include this term in Phase 2 so the SDT can create a more appropriate definition.
SDT response: Thank you for your comments; however, the drafting team elected to combine the language from the Glossary and ROP definitions into one aligned definition. The drafting team recognizes that the aligned definition could be improved. Because the SAR limits this drafting team to alignment of the existing language in the Glossary and ROP definitions, the drafting team did not propose substantive language revisions (other than alignment revisions). However, as part of Phase 2 for this project, the drafting team will consider developing a SAR to revise the definition of Interconnection to address the issues identified by team members and various commenters. If the team does decide to develop a SAR, the SAR will be submitted to the Standards Committee (SC) in accordance with the procedure outlined in the Standards Process Manual. The drafting team *highly* encourages you to attend the next Project 2015-04 meeting which will focus on development of the SAR and Phase 2 recommendations.					
11	Louis Slade – Dominion Resources, Inc.	6	Dominion Resources, Inc.	Yes	
SDT response:					
12	Lee Pedowicz – Northeast Power Coordinating Council	10	NPCC--Project 2015-04	No	The Glossary definition should align with the RoP; however, "system" should be changed to "Bulk Power System": "Interconnection" means a geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system Bulk Power System to maintain Reliable Operation of the Facilities within their control... Concerned with the phrasing "When capitalized…" When defined terms are used in Reliability Standards, they are capitalized as an indication that the term is defined in the Glossary of Terms. By utilizing the caveat that the definition is specific "when capitalized" it could only ever be defined as "…any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec" in a Reliability Standard. Otherwise it would not be capitalized and therefore an undefined term in the Reliability Standard. Suggest removing "When capitalized" and identify specifically or rely on context when the four major

#	Commenter Organization	Segment	Group name	Y/N	Comment
					electric system networks in North America are intended. We agree with the first part of the proposed addition to clarify the synchronized operation as a defining characteristic of an Interconnection, but do not support the additional qualifiers regarding failures and reliable operation. The additional language could be read as creating one all-inclusive interconnection because, for example, the failure of one component in the Quebec Interconnection may have adverse effects in the Eastern Interconnection.
SDT response: Thank you for your comments; however, your proposed revisions are outside of the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. For the term Interconnection, the drafting team elected to combine the language from the Glossary and ROP definitions into one aligned definition. The drafting team recognizes that the aligned definition could be improved. Because the SAR limits this drafting team to alignment of the existing language in the Glossary and ROP definitions, the drafting team did not propose substantive language revisions (other than alignment revisions). As part of Phase 2 for this project, the drafting team will consider developing a SAR to revise the definition of Interconnection to address the issues identified by team members and various commenters. If the team does decide to develop a SAR, the SAR will be submitted to the Standards Committee (SC) in accordance with the procedure outlined in the Standards Process Manual. The drafting team *highly* encourages you to attend the next Project 2015-04 meeting which will focus on development of the SAR and Phase 2 recommendations.					
13	Joe O'Brien – NiSource - Northern Indiana Public Service Co.	6		No	This is a disjointed definition which makes little or no sense and needs to either be completely rewritten or dropped from the glossary altogether The final phrase/sentence is just kind of hanging out there.
SDT response: Thank you for your comments. The drafting team recognizes that the aligned definition could be improved. Because the SAR limits this drafting team to alignment of the existing language in the Glossary and ROP definitions, the drafting team did not propose substantive language revisions (other than alignment revisions). However, as part of Phase 2 for this project, the drafting team will consider developing a SAR to revise the definition of Interconnection to address the issues identified by team members and various commenters. If the team does decide to develop a SAR, the SAR will be submitted to the Standards Committee (SC) in accordance with the procedure outlined in the Standards Process Manual. The drafting team *highly* encourages you to attend the next Project 2015-04 meeting which will focus on development of the SAR and Phase 2 recommendations.					
14	Andrew Pusztai – American Transmission Company, LLC	1		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
15	Matthew Beilfuss – WEC Energy Group, Inc.	3,4,5,6		No	The proposed change adds complexity to the term's definition, which may have a significant impact on other references to the term within the glossary. As an example, temporarily islanded areas would meet the definition of an Interconnection, which does not meet the intent of the term or its common usage. The simple definition pending FERC approval is preferable.
SDT response: Thank you for your comments; however, the drafting team elected to combine the language from the Glossary and ROP definitions into one aligned definition. The drafting team recognizes that the aligned definition could be improved. Because the SAR limits this drafting team to alignment of the existing language in the Glossary and ROP definitions, the drafting team did not propose substantive language revisions (other than alignment revisions). As part of Phase 2 for this project, the drafting team will consider developing a SAR to revise the definition of Interconnection to address the issues identified by team members and various commenters. If the team does decide to develop a SAR, the SAR will be submitted to the Standards Committee (SC) in accordance with the procedure outlined in the Standards Process Manual. The drafting team *highly* encourages you to attend the next Project 2015-04 meeting which will focus on development of the SAR and Phase 2 recommendations.					
16	Dennis Chastain – Tennessee Valley Authority	1,3,5,6		Yes	
SDT response:					
17	Jared Shakespeare – Peak Reliability	1		No	We recommend removing the quotes around "wires" as it seems odd to have quotes in a definition. Also, Is the DP definition still needed if the risk-based registration project did away with it?
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of "quotes" throughout the NERC defined terms. As part of Phase 2 of this project, the drafting team will develop recommendations to prevent future misalignment or inconsistencies in NERC defined terms. The drafting team will consider developing a recommendation related to the issue raised in your comments. The drafting team will provide its Phase 2 recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the recommendations. The drafting team encourages you to attend future Project 2015-04 meetings which will focus on development of these Phase 2 recommendations.					
18	Kaleb Brimhall – Colorado Springs Utilities	5	Colorado Springs Utilities	No	We support the Comments Submitted by the Southwest Power Pool.
SDT response: Please see the drafting team response to comments submitted by the Southwest Power Pool.					
19	Terry Bilke – Midcontinent ISO, Inc.	2		No	Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this

#	Commenter Organization	Segment	Group name	Y/N	Comment
					appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them. From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard. A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term. While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.
SDT response: Please see the drafting team response to your comment for Term 4: Blackstart Resource.					
20	John Allen – City Utilities of Springfield, Missouri	4		No	See comments from SPP Standards Review Group
SDT response: Please see the drafting team response to the SPP Standards Review Group.					
21	Jeremy Voll – Basin Electric Power Cooperative	3		No	Recommend that this term be moved to Phase 2 so that the SDT can work on improving the definition. By stating a geographic area within the proposed definition, it implies that all Standards that are used within an Interconnection

#	Commenter Organization	Segment	Group name	Y/N	Comment
					would be applied to any system that has separated from other synchronized entities (has islanded themselves). All BA standards would then need to be enforced. This will increase the islanded entity's risk of complying with all Interconnection Requirements if they do become islanded. With the use of Bulk Power System and to maintain Reliable Operation of the Facilities in the same sentence, the Project Team is sending mixed signals. The term "Facility" is directly related to the BES definition where the Bulk Power System includes the distribution of energy to end use customers, mostly outside the scope of the NERC Reliability Standards.
SDT response: Thank you for your comments; however, the drafting team elected to combine the language from the Glossary and ROP definitions into one aligned definition. The drafting team recognizes that the aligned definition could be improved. Because the SAR limits this drafting team to alignment of the existing language in the Glossary and ROP definitions, the drafting team did not propose substantive language revisions (other than alignment revisions). As part of Phase 2 for this project, the drafting team will consider developing a SAR to revise the definition of Interconnection to address the issues identified by team members and various commenters. If the team does decide to develop a SAR, the SAR will be submitted to the Standards Committee (SC) in accordance with the procedure outlined in the Standards Process Manual. The drafting team *highly* encourages you to attend the next Project 2015-04 meeting which will focus on development of the SAR and Phase 2 recommendations.					
22	Lee Schuster – Duke Energy	3		No	
SDT response:					
23	Si Truc Phan – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
24	Christina Bigelow – Electric Reliability Council of Texas, Inc.	2	IRC Standards Review Committee	No	The SRC agrees with the first part of the proposed addition to clarify the synchronized operation as a defining characteristic of an Interconnection, but does not support the additional qualifiers regarding failures and reliable operation. These qualifiers are not essential to the definition of an Interconnection. It further suggests that, following consideration of the proposed modifications to the definition of Bulk Power System, use of the term Bulk Electric System is more appropriate. The SRC therefore suggests the definition be stated

#	Commenter Organization	Segment	Group name	Y/N	Comment
					as: A defined geographic area within which the operation of Bulk Electric System components is synchronized. When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec. To the extent that the SDT views this recommendation as a substantive change to the definitions, the SRC would request that this revision be addressed the later, proposed phases of this project or as noted below as part of specific standard revision processes.
SDT response: Thank you for your comments; however, as noted in your comments, the proposed revisions are substantive and outside of the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. For the term Interconnection, the drafting team elected to combine the language from the Glossary and ROP definitions into one aligned definition. The drafting team recognizes that the aligned definition could be improved. Because the SAR limits this drafting team to alignment of the existing language in the Glossary and ROP definitions, the drafting team did not propose substantive language revisions (other than alignment revisions). However, as part of Phase 2 for this project, the drafting team will consider developing a SAR to revise the definition of Interconnection to address the issues identified by team members and various commenters. If the team does decide to develop a SAR, the SAR will be submitted to the Standards Committee (SC) in accordance with the procedure outlined in the Standards Process Manual. The drafting team *highly* encourages you to attend the next Project 2015-04 meeting which will focus on development of the SAR and Phase 2 recommendations.					
25	Heather Morgan – EDP Renewables North America LLC	5		Yes	
SDT response:					
26	Shawna Speer – Colorado Springs Utilities	1		No	Reference the group comments - Colorado Springs Utilities
SDT response: Please reference the drafting team response to the comments of Colorado Springs Utilities.					
27	Linda Jacobson-Quinn – City of Farmington	3		Yes	
SDT response:					
28	Dan Wilson –	5		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	PPL Electric Utilities Corporation				
SDT response:					
29	Yvonne McMackin – Public Utility District No. 2 of Grant County, Washington	4		Yes	
SDT response:					
30	Michiko Sell – Public Utility District No. 2 of Grant County, Washington	1		Yes	
SDT response:					
31	Alex Ybarra – Public Utility District No. 2 of Grant County, Washington	5		Yes	
SDT response:					
32	Mike Smith – Manitoba Hydro	1		No	Inconsistent approach is used for referencing defined terms with different suffixes. For defined term "Facility", sometimes referenced as "Facilities" and other times "Facility(ies)". Note that this inconsistency extends to multiple Glossary of Terms definitions that are not currently addressed in this project.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of suffixes throughout the NERC defined terms. As part of Phase 2 of this project, the drafting team will develop recommendations to prevent future misalignment or inconsistencies in NERC defined terms. The drafting team will consider developing a recommendation related to the issue raised in your comments. The drafting team will provide its Phase 2 recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the recommendations. The drafting team encourages you to attend future Project 2015-04 meetings which will focus on development of these Phase 2 recommendations.					

#	Commenter Organization	Segment	Group name	Y/N	Comment
33	Andrew Gallo – Austin Energy	6		No	Austin Energy (AE) suggests removing "such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control" and changing "Bulk Power System" to "Bulk Electric System." AE believes the qualifier is not appropriate and the term BPS provides issues for entities outside the U.S.
SDT response: Thank you for your comments; however, your proposed revisions are substantive in nature and outside of the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. For the term Interconnection, the drafting team elected to combine the language from the Glossary and ROP definitions into one aligned definition. The drafting team recognizes that the aligned definition could be improved. Because the SAR limits this drafting team to alignment of the existing language in the Glossary and ROP definitions, the drafting team did not propose substantive language revisions (other than alignment revisions). As part of Phase 2 for this project, the drafting team will consider developing a SAR to revise the definition of Interconnection to address the issues identified by team members and various commenters. If the team does decide to develop a SAR, the SAR will be submitted to the Standards Committee (SC) in accordance with the procedure outlined in the Standards Process Manual. The drafting team *highly* encourages you to attend the next Project 2015-04 meeting which will focus on development of the SAR and Phase 2 recommendations.					
34	Rachel Coyne – Texas Reliability Entity, Inc.	10		Yes	
SDT response:					
35	Yuguang Xiao – Manitoba Hydro	5		No	
SDT response:					
36	Chris Scanlon – Exelon	1	Exelon Utilities	Yes	
SDT response:					
37	Martin Boisvert – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
38	Erika Doot – U.S. Bureau of Reclamation	5		Yes	
SDT response:					
39	Jason Smith – Southwest Power Pool, Inc. (RTO)	2	SPP Standards Review Group	No	[1] We feel that there is an inconsistent use of the terms Bulk Electric System and Bulk Power System throughout the definitions in the Glossary and ROP. There is a concern that use of Bulk Power System in the definition of Interconnection could lead to increased scope in some cases. Effectively canceling out the work done to clarify the scope through the Bulk Electric System definition work. [2] There is also confusion created now due to the added text in that there seems to be two cases of use of the term: capitalized and non-capitalized. However since this is a defined term, in order to link the word to the definition, it must be capitalized. Use of the non-capitalized term means that the use is not linked to the definition as stated. To increase clarity, removal of the phrase "when capitalized" should be investigated
SDT response: [1] The drafting team agrees that in the Reliability Standards, Glossary, and ROP there are instances of inconsistent or incorrect usage or application of the terms Bulk Electric System (BES) and Bulk Power System (BPS). Because the SAR limits this drafting team to alignment of the definitions in the Glossary and ROP, the team did not address this issue. However, during Phase 2 of this project, the drafting team will consider a recommendation that an effort is undertaken to assess usage of the BES and BPS throughout the Reliability Standards, Glossary, and ROP for the purpose of ensuring proper usage and application of the various terms given the particular context. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the SAR and Phase 2 recommendations. [2] Thank you for your comments. The drafting team elected to combine the language from the Glossary and ROP definitions into one aligned definition. The drafting team recognizes that the aligned definition could be improved. Because the SAR limits this drafting team to alignment of the existing language in the Glossary and ROP definitions, the drafting team did not propose substantive language revisions (other than alignment revisions). As part of Phase 2 for this project, the drafting team will consider developing a SAR to revise the definition of Interconnection to address the issues identified by team members and various commenters. The drafting team will submit the SAR to the Standards Committee (SC) in accordance with the procedure outlined in the Standards Process Manual. As indicated above, the drafting team encourages you to attend the next Project 2015-04 meeting during which time the team will develop the SAR to support future revisions to this term.					

#	Commenter Organization	Segment	Group name	Y/N	Comment
40	Manon Paquet – On Behalf of: Roger Dufresne, Hydro-Quebec Production	1, 5		Yes	
SDT response:					
41	Robert A. Schaffeld – Southern Company - Southern Company Services, Inc.	1		Yes	
SDT response:					
42	Ben Engelby – ACES Power Marketing	6	ACES Standards Collaborators - Terms Project	No	While we are not opposed to the concept of the definition in the ROP. However, combining these two terms could be problematic because there are small hydro facilities that may be part of the Bulk Electric System that are operated at a different frequency and are asynchronous. By definition, these small hydro project would not be part of the Interconnection since they are not synchronized to the rest of the Interconnection.
SDT response: The proposed alignment revisions do not affect functional entity registration. Additionally, the drafting team notes that the aligned definition could be improved. Because the SAR limits this drafting team to alignment of the existing language in the Glossary and ROP definitions, the drafting team did not propose substantive language revisions (other than alignment revisions). However, as part of Phase 2 for this project, the drafting team will consider developing a SAR to revise the definition of Interconnection to address the issues identified by team members and various commenters. If the team does decide to develop a SAR, the SAR will be submitted to the Standards Committee (SC) in accordance with the procedure outlined in the Standards Process Manual. The drafting team *highly* encourages you to attend the next Project 2015-04 meeting which will focus on development of the SAR and Phase 2 recommendations.					
43	Andy Bolivar – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
44	Kathleen Black – DTE Energy	3,4,5		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
45	Jennifer Losacco – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
46	Jared Shakespeare – Peak Reliability	1		Yes	"When capitalized, any one of the four major electric system networks in North America" should be "Currently, this term is any one of the four major electric system networks in North America." Any term that is capitalized means the defined term.
SDT response: Thank you for your comments; however, your proposed revisions are substantive in nature and outside of the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. For the term Interconnection, the drafting team elected to combine the language from the Glossary and ROP definitions into one aligned definition. The drafting team recognizes that the aligned definition could be improved. Because the SAR limits this drafting team to alignment of the existing language in the Glossary and ROP definitions, the drafting team did not propose substantive language revisions (other than alignment revisions). As part of Phase 2 for this project, the drafting team will consider developing a SAR to revise the definition of Interconnection to address the issues identified by team members and various commenters. If the team does decide to develop a SAR, the SAR will be submitted to the Standards Committee (SC) in accordance with the procedure outlined in the Standards Process Manual. The drafting team *highly* encourages you to attend the next Project 2015-04 meeting which will focus on development of the SAR and Phase 2 recommendations.					
47	Tony Eddleman – Nebraska Public Power District	3		No	I support MRO NSRF comments.
SDT response:					
48	Bernard Johnson – Oglethorpe Power Corporation	5		Yes	
SDT response:					
49	Colby Bellville – Duke Energy	1,3,5,6	Duke Energy	No	Duke Energy requests additional consideration be given to the proposed definition/alignment of the term Interconnection. The proposal appears to distort an already common understanding of the concept of the lower cased term interconnection.

#	Commenter Organization	Segment	Group name	Y/N	Comment
SDT response: The drafting team recognizes that the aligned definition could be improved. Because the SAR limits this drafting team to alignment of the existing language in the Glossary and ROP definitions, the drafting team did not propose substantive language revisions (other than alignment revisions). As part of Phase 2 for this project, the drafting team will consider developing a SAR to revise the definition of Interconnection to address the issues identified by team members and various commenters. If the team does decide to develop a SAR, the SAR will be submitted to the Standards Committee (SC) in accordance with the procedure outlined in the Standards Process Manual. The drafting team *highly* encourages you to attend the next Project 2015-04 meeting which will focus on development of the SAR and Phase 2 recommendations.					
50	Andrea Jessup – Bonneville Power Administration	1,3,5,6		Yes	
SDT response:					
51	Steven Rueckert - Western Electricity Coordinating Council	10		Yes	I voted affirmative for the definition, but wonder why the words "such that failure of one or more of such components may adversely affect the ability of the operations of other components within the system to maintain Reliable Operation of the Facilities within their control" are needed after "synchronized". While this is a true statement there are facilities within each interconnection that probably don't affect the ability of the operations of other components but they are still within the interconnection. It seems like just stopping after "synchronized" and then including the second sentence would suffice.
SDT response: Thank you for your comments; however, your proposed revisions are substantive in nature and outside of the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. For the term Interconnection, the drafting team elected to combine the language from the Glossary and ROP definitions into one aligned definition. The drafting team recognizes that the aligned definition could be improved. Because the SAR limits this drafting team to alignment of the existing language in the Glossary and ROP definitions, the drafting team did not propose substantive language revisions (other than alignment revisions). As part of Phase 2 for this project, the drafting team will consider developing a SAR to revise the definition of Interconnection to address the issues identified by team members and various commenters. If the team does decide to develop a SAR, the SAR will be submitted to the Standards Committee (SC) in accordance with the procedure outlined in the Standards Process Manual. The drafting team *highly* encourages you to attend the next Project 2015-04 meeting which will focus on development of the SAR and Phase 2 recommendations.					

End of Report

Consideration of Comments
Term 28: Load-Serving Entity

Project Name: 2015-04 Alignment of Terms

Comment Period Start Date: 6/13/2015

Comment Period End Date: 7/27/2015

Associated Ballot: Term 28: Load-Serving Entity

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	N/A	1,3,5,6
Randi Heise	NERC Compliance Policy	N/A	1,3,5,6

Connie Lowe	NERC Compliance Policy	N/A	1,3,5,6
Louis Slade	NERC Compliance Policy	N/A	1,3,5,6
Chip Humphrey	Power Generation Compliance	N/A	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	N/A	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5

Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2

Ali Miremadi	CAISO	WECC	2

Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6

Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Question

Term 28: Load-Serving Entity (redline)

Load-Serving Entity**:**
Secures energy and ~~transmission~~ Transmission ~~service~~ Service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Transmission Service" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term.

Do you agree with the proposed Glossary definition revision to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

#	Commenter Organization	Segment	Group name	Y/N	Comment
1	John Fontenot – Bryan Texas Utilities	1		Yes	
SDT response:					
2	Kathy Caignon – City of Vineland	3		Yes	
SDT response:					
3	Emily Rousseau – MRO	1,2,3,4,5, 6	MRO-NERC Standards Review Forum (NSRF)	Yes	
SDT response:					
4	Leonard Kula – Independent Electricity System Operator	2		Yes	
SDT response:					
5	Mary Claire Yatsko –	1,3,4,5,6		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Seminole Electric Cooperative, Inc.				
SDT response:					
6	John Seelke – PSEG	1,2,5,6	PSEG	Yes	
SDT response:					
7	Amy Casuscelli – Xcel Energy, Inc.	1,3,5,6		Yes	"Schedules energy" should replaces "Secures energy" since Schedule is a defined term. Rather than "Secures energy", it would be more appropriate to use "Schedules energy" since "Schedule" is a defined term.
SDT response: Thank you for your comments; however, your proposed revisions are outside of the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. For the term Load-Serving Entity, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. However, to the extent that you believe the issues identified in your comments should be addressed by a development project, the drafting team encourages you to submit a SAR outlining the issues and your proposed recommendations for resolving those issues.					
8	Thomas Foltz – AEP	5		Yes	
SDT response:					
9	Dennis Minton – Florida Keys Electric Cooperative Assoc.	1		Yes	
SDT response:					
10	Rob Collins – On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co.	1, 6, 5, 3		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
11	Louis Slade – Dominion Resources, Inc.	6	Dominion Resources, Inc.	Yes	
SDT response:					
12	Lee Pedowicz – Northeast Power Coordinating Council	10	NPCC--Project 2015-04	Yes	
SDT response:					
13	Joe O'Brien – NiSource - Northern Indiana Public Service Co.	6		Yes	
SDT response:					
14	Andrew Pusztai – American Transmission Company, LLC	1		Yes	
SDT response:					
15	Matthew Beilfuss – WEC Energy Group, Inc.	3,4,5,6		Yes	
SDT response:					
16	Dennis Chastain – Tennessee Valley Authority	1,3,5,6		Yes	For alignment purposes, we agree with the proposed change to the Glossary definition. [1] For form consistency with other entity type definitions contained in the Glossary, we recommend starting the definition with “The entity that secures...”. [2] The LSE definition also contains another Glossary term(s) that is not capitalized. Consider changing “the electrical demand and energy requirements…” to “the Electrical Energy and Demand requirements…” to properly denote these other Glossary terms. It appears that their application in the LSE definition narrative is consistent with their Glossary meaning.

#	Commenter Organization	Segment	Group name	Y/N	Comment
					[3] It is unclear if the Load-Serving Entity definition needs to remain in the Glossary given NERC actions taken this year to remove the Load-Serving Entity from the NERC Compliance Registry. However, we recognize that removal of the term from the Glossary may be beyond the scope of this project.

SDT response:

[1] Thank you for your comments; however, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. The drafting team agrees that, when possible, there should be consistency in sentence structure throughout the NERC defined terms. As part of Phase 2 of this project, the drafting team will develop recommendations to prevent future misalignment or inconsistencies in NERC defined terms. The drafting team will consider developing a recommendation related to the issue raised in your comments. The drafting team will provide its Phase 2 recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the recommendations. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of these Phase 2 recommendations.

[2] The drafting team appreciates your suggestion but notes that currently the definitions are aligned. Your proposed revisions fall outside the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. For the term Load-Serving Entity, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. If you believe revisions should be made to the definition of LSE to clarify the reference to "the electrical demand and energy requirements," the drafting team suggests submitting a Standards Authorization Request (SAR) outlining how the existing language could be revised to provide greater clarity regarding the intended meaning and definition application.

[3] As acknowledged in your comment, revising the definition to remove references to Load-Serving Entity is outside the scope of work for this project. The drafting team notes that although the Risk-Based Registration initiative removed Load-Serving Entity from the NERC Compliance Registry, as explained in further detail in the RBR Petition and Compliance Filing, the term nevertheless remains in several Reliability Standards that are active, pending, or subject to future enforcement. While any Reliability Standard requirement that references an entity proposed for deactivation will be moot and not enforceable with respect to that entity (see RBR Petition at 20), it is not appropriate to remove the defined term from the NERC Glossary until that defined term is in fact no longer used in the Reliability Standards. During phase 1 of this project, a number of commenters raised concerns regarding possible revisions that are needed for the Glossary and/or Reliability Standards as a result of the Risk-Based Registration Initiative. As part of Phase 2 of this project, the team will consider whether a recommendation is needed to address the various concerns raised by commenters.

17	Jared Shakespeare – Peak Reliability	1		Yes	

SDT response:

#	Commenter Organization	Segment	Group name	Y/N	Comment
18	Kaleb Brimhall – Colorado Springs Utilities	5	Colorado Springs Utilities	Yes	We support the Comments Submitted by the Southwest Power Pool.
SDT response: Please see the drafting team response to comments submitted by the Southwest Power Pool.					
19	Terry Bilke – Midcontinent ISO, Inc.	2		No	Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them. From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard. A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term. While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.
SDT response: Please see the drafting team response to your comment for Term 4: Blackstart Resource.					
20	John Allen –	4		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	City Utilities of Springfield, Missouri				
SDT response:					
21	Jeremy Voll – Basin Electric Power Cooperative	3		Yes	
SDT response:					
22	Lee Schuster – Duke Energy	3		Yes	
SDT response:					
23	Si Truc Phan – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
24	Christina Bigelow – Electric Reliability Council of Texas, Inc.	2	IRC Standards Review Committee	No	The SRC has previously commented that there needs to be total consistency between all fundamental documents within NERC. Thus, while it does not disagree with the proposed changes, it recommends that the SDT take this opportunity to also synchronize this definition with the Functional Model. Further, the SRC recommends that the Functional Model definition be adopted in lieu of the proposed revisions
SDT response: Thank you for your comments; however, modifications to the Functional Model fall outside the permissible scope of the work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
25	Heather Morgan –	5		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	EDP Renewables North America LLC				
SDT response:					
26	Shawna Speer – Colorado Springs Utilities	1		Yes	
SDT response:					
27	Linda Jacobson-Quinn – City of Farmington	3		Yes	Corresponding changes should be included in the NERC Functional Model.
SDT response: Thank you for your comments; however, modifications to the Functional Model fall outside the permissible scope of the work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
28	Dan Wilson – PPL Electric Utilities Corporation	5		Yes	
SDT response:					
29	Yvonne McMackin – Public Utility District No. 2 of Grant County, Washington	4		Yes	
SDT response:					
30	Michiko Sell – Public Utility District No. 2 of Grant County, Washington	1		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
31	Alex Ybarra – Public Utility District No. 2 of Grant County, Washington	5		Yes	
SDT response:					
32	Mike Smith – Manitoba Hydro	1		Yes	
SDT response:					
33	Andrew Gallo – Austin Energy	6		Yes	
SDT response:					
34	Rachel Coyne – Texas Reliability Entity, Inc.	10		Yes	
SDT response:					
35	Yuguang Xiao – Manitoba Hydro	5		Yes	
SDT response:					
36	Chris Scanlon – Exelon	1	Exelon Utilities	Yes	
SDT response:					
37	Martin Boisvert – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
38	Erika Doot – U.S. Bureau of Reclamation	5		Yes	
SDT response:					
39	Jason Smith – Southwest Power Pool, Inc. (RTO)	2	SPP Standards Review Group	Yes	We do not have issue with the stated capitalization changes to Transmission Service in the definition of Load-Serving Entity. However, the term "demand" is not capitalized and appears to be consistent with the defined term. We recommend that "demand" be reviewed in Phase 2 of this Project in order to determine if it needs to be capitalized.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
40	Manon Paquet – On Behalf of: Roger Dufresne, Hydro-Quebec Production	1, 5		Yes	
SDT response:					
41	Robert A. Schaffeld – Southern Company - Southern Company Services, Inc.	1		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
42	Ben Engelby – ACES Power Marketing	6	ACES Standards Collaborators - Terms Project	No	[1] "Demand" is a glossary term and should either be capitalized or clarified. [2] We ask the drafting team to provide more details on the implementation of this proposed change in the event that FERC approves retirement of the LSE function from the ROP.
SDT response: [1] Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations. [2] Although the Risk-Based Registration initiative removed Load-Serving Entity from the NERC Compliance Registry, as explained in further detail in the RBR Petition and Compliance Filing, the term nevertheless remains in several Reliability Standards that are active, pending, or subject to future enforcement. While any Reliability Standard requirement that references an entity proposed for deactivation will be moot and not enforceable with respect to that entity (see RBR Petition at 20), it is not appropriate to remove these defined terms from the NERC Glossary until the defined terms are in fact no longer used in the Reliability Standards. During phase 1 of this project, a number of commenters raised concerns regarding possible revisions that are needed for the Glossary and/or Reliability Standards as a result of the Risk-Based Registration Initiative. As part of Phase 2 of this project, the team will consider whether a recommendation to the SC is needed to address the various concerns raised by commenters.				
43	Andy Bolivar – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
44	Kathleen Black – DTE Energy	3,4,5		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
45	Jennifer Losacco – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
46	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
47	Tony Eddleman – Nebraska Public Power District	3		Yes	
SDT response:					
48	Bernard Johnson – Oglethorpe Power Corporation	5		Yes	
SDT response:					
49	Colby Bellville – Duke Energy	1,3,5,6	Duke Energy	Yes	Duke Energy suggests capitalizing the term "Transmission" throughout the definition, as it is currently a defined term.
SDT response: Thank you for your comments. The drafting team notes that the "transmission" is not used as a stand-alone term in this definition. However, the team agrees that, in general, there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
50	Andrea Jessup –	1,3,5,6		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Bonneville Power Administration				
SDT response:					

End of Report

Consideration of Comments
Term 31: Planning Authority

Project Name: 2015-04 Alignment of Terms

Comment Period Start Date: 6/13/2015

Comment Period End Date: 7/27/2015

Associated Ballot: Term 31: Planning Authority

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	N/A	1,3,5,6
Randi Heise	NERC Compliance Policy	N/A	1,3,5,6

Connie Lowe	NERC Compliance Policy	N/A	1,3,5,6
Louis Slade	NERC Compliance Policy	N/A	1,3,5,6
Chip Humphrey	Power Generation Compliance	N/A	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	N/A	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5

Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2

Ali Miremadi	CAISO	WECC	2

Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6

Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Question

Term 31: Planning Authority (redline)

Planning Authority:

The responsible entity that coordinates and integrates transmission ~~facility~~ Facilities and service plans, resource plans, and ~~protection~~ Protection ~~systems~~Systems.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the terms "Facilities" and "Protection Systems" because these terms are defined in the Glossary, and their usage in this definition narrative is intended to have the meaning of the defined terms.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

#	Commenter Organization	Segment	Group name	Y/N	Comment
1	John Fontenot – Bryan Texas Utilities	1		Yes	
SDT response:					
2	Emily Rousseau – MRO	1,2,3,4,5, 6	MRO-NERC Standards Review Forum (NSRF)	Yes	
SDT response:					
3	Leonard Kula – Independent Electricity System Operator	2		Yes	While we agree with capitalizing the words "facilities" and "protection systems", the definition is not consistent with that presented in the Functional Model. We commented on the SAR to suggest that there needs to be total consistency between all fundamental documents within NERC. We therefore suggest the SDT to revise the Functional Model, or to adopt the definition provided in the Functional Model in the NERC Glossary and the RoP.
SDT response: Thank you for your comments; however, modifications to the Functional Model fall outside the permissible scope of the work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and					

#	Commenter Organization	Segment	Group name	Y/N	Comment
incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
4	Mary Claire Yatsko – Seminole Electric Cooperative, Inc.	1,3,4,5,6		Yes	
SDT response:					
5	John Seelke – PSEG	1,2,5,6	PSEG	Yes	
SDT response:					
6	Amy Casuscelli – Xcel Energy, Inc.	1,3,5,6		Yes	
SDT response:					
7	Thomas Foltz – AEP	5		Yes	
SDT response:					
8	Dennis Minton – Florida Keys Electric Cooperative Assoc.	1		Yes	
SDT response:					
9	Rob Collins – On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co.	1, 6, 5, 3		Yes	
SDT response:					
10	Louis Slade – Dominion Resources, Inc.	6	Dominion Resources, Inc.	Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
SDT response:					
11	Lee Pedowicz – Northeast Power Coordinating Council	10	NPCC--Project 2015-04	No	[1] Transmission should be capitalized. [2] Transmission Facilities should be uniquely defined. The definitions of Transmission and Facilty(ies) should not have to be merged by a reader to create the Transmission Facilities definition.
SDT response: [1] Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations. [2] Thank you for your comments; however, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. For the term Planning Authority, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. The drafting team agrees that the consecutive use of two (or more) defined terms may create confusion. During Phase 2 of this project, the drafting team will consider recommendations related to sentence structure. The team will consider the issue raised in your comments in developing the Phase 2 recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations. To the extent you believe a new defined term should be created, the team suggests that you submit a SAR.				
12	Joe O'Brien – NiSource - Northern Indiana Public Service Co.	6		Yes	
SDT response:					
13	Andrew Pusztai – American Transmission Company, LLC	1		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
14	Matthew Beilfuss – WEC Energy Group, Inc.	3,4,5,6		Yes	
SDT response:					
15	Dennis Chastain – Tennessee Valley Authority	1,3,5,6		Yes	For alignment purposes, we agree with the proposed change to the Glossary definition. [1] For form consistency with other entity type definitions contained in the Glossary, we recommend starting the definition with "The entity that..." rather than "The responsible entity that…". [2] We believe the definition is intended to mean that the PA is the entity that coordinates and integrates Transmission plans and resource plans within their PA area. Transmission plans involve the planning of new Transmission facilities, taking committed Transmission Services into account. Additionally, the coordination of Protection Systems is typically the responsibility of the asset owners within the NERC standards. We recommend revising the definition to read as follows: "The entity that coordinates and integrates Transmission plans and resource plans." [3] If this type of change is considered to be beyond the scope of this project, we recommend the SDT replace "…transmission Facilities and service plans,…" in the redline with "Transmission Service and Facility plans,…" in order to recognize other defined terms that seem to fit the definition narrative but also avoid the use of conjoined terms - "Transmission Facilities".
SDT response: [1] Thank you for your comments. The drafting team agrees that, when possible, there should be consistency in sentence structure throughout the NERC defined terms. As part of Phase 2 of this project, the drafting team will develop recommendations to prevent future misalignment or inconsistencies in NERC defined terms. The drafting team will consider developing a recommendation related to the issue raised in your comments. The drafting team will provide its Phase 2 recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the recommendations. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of these Phase 2 recommendations.					

#	Commenter Organization	Segment	Group name	Y/N	Comment
[2] Your proposed revisions are outside of the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. For the term Planning Authority, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. If you believe revisions should be made to improve the definition of Planning Authority, the drafting team suggests submitting a Standards Authorization Request (SAR) outlining any perceived issues or proposed revisions to the definition. [3] The drafting team appreciates your suggestion but notes that currently the definitions are aligned. Your proposed revisions fall outside the permissible scope of work for this project because the revisions change the meaning of the original definition (in both the ROP and the Glossary). As stated above, if you believe revisions are needed to improve the definition clarity, the drafting team recommends that you submit a SAR.					
16	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
17	Kaleb Brimhall – Colorado Springs Utilities	5	Colorado Springs Utilities	Yes	We support the Comments Submitted by the Southwest Power Pool.
SDT response: Please see the drafting team response to comments submitted by the Southwest Power Pool.					
18	Terry Bilke – Midcontinent ISO, Inc.	2		No	Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them. From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard. A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on

#	Commenter Organization	Segment	Group name	Y/N	Comment
					whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term. While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.
SDT response: Please see the drafting team response to your comment for Term 4: Blackstart Resource.					
19	John Allen – City Utilities of Springfield, Missouri	4		Yes	See comments from SPP Standards Review Group.
SDT response:					
20	Jeremy Voll – Basin Electric Power Cooperative	3		Yes	
SDT response:					
21	Lee Schuster – Duke Energy	3		Yes	
SDT response:					
22	Si Truc Phan – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
23	Christina Bigelow – Electric Reliability Council of Texas, Inc.	2	IRC Standards Review Committee	Yes	The SRC has previously commented that there needs to be total consistency between all fundamental documents within NERC. Thus, while it does not disagree with the proposed changes, it recommends that the SDT take this opportunity to also synchronize this definition with the Functional Model.

#	Commenter Organization	Segment	Group name	Y/N	Comment
SDT response: Thank you for your comments; however, modifications to the Functional Model fall outside the permissible scope of the work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
24	Heather Morgan – EDP Renewables North America LLC	5		Yes	
SDT response:					
25	Shawna Speer – Colorado Springs Utilities	1		Yes	
SDT response:					
26	Linda Jacobson-Quinn – City of Farmington	3		No	The NERC Functional Model replaced Planning Authority with Planning Coordinator to better align it's functional obligations. The terms and functions represented in the functional model do not align with the proposed terms. In addition, in the WECC, there has been concerns over the potential Gap in Planning Coordinator Areas where facilities are not being included in a Planning Coordinator Area. A task force (PCFTF) has identified one of the key contributors to the problem is the lack of clarity and apparent contradictions between the NERC Functional Model, Rules of Procedure, and NERC Standards and Glossary. The inconsistencies need to be addressed.
SDT response: Thank you for your comments; however, modifications to the Functional Model fall outside the permissible scope of the work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					

#	Commenter Organization	Segment	Group name	Y/N	Comment
27	Dan Wilson – PPL Electric Utilities Corporation	5		Yes	
SDT response:					
28	Yvonne McMackin – Public Utility District No. 2 of Grant County, Washington	4		Yes	
SDT response:					
29	Michiko Sell – Public Utility District No. 2 of Grant County, Washington	1		Yes	
SDT response:					
30	Alex Ybarra – Public Utility District No. 2 of Grant County, Washington	5		Yes	
SDT response:					
31	Mike Smith – Manitoba Hydro	1		No	Inconsistent approach is used for referencing defined terms with different suffixes. For defined term "Facility", sometimes referenced as "Facilities" and other times "Facility(ies)". Note that this inconsistency extends to multiple Glossary of Terms definitions that are not currently addressed in this project.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of suffixes throughout the NERC defined terms. As part of Phase 2 of this project, the drafting team will develop recommendations to prevent future misalignment or inconsistencies in NERC defined terms. The drafting team will consider developing a recommendation related to the issue raised in your comments. The drafting team will provide its Phase 2 recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the					

#	Commenter Organization	Segment	Group name	Y/N	Comment
recommendations. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of these Phase 2 recommendations.					
32	Andrew Gallo – Austin Energy	6		Yes	
SDT response:					
33	Rachel Coyne – Texas Reliability Entity, Inc.	10		Yes	
SDT response:					
34	Yuguang Xiao – Manitoba Hydro	5		No	
SDT response:					
35	Chris Scanlon – Exelon	1	Exelon Utilities	Yes	
SDT response:					
36	Martin Boisvert – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
37	Erika Doot – U.S. Bureau of Reclamation	5		Yes	
SDT response:					
38	Jason Smith – Southwest Power Pool, Inc. (RTO)	2	SPP Standards Review Group	Yes	We agree with the stated capitalization changes. However in Phase 2, since Planning Authority no longer exists in the Functional Model, this term should be retired from the Glossary or else the definition here moved under Planning Coordinator and then place the link from the old Planning Authority term under

#	Commenter Organization	Segment	Group name	Y/N	Comment
					that definition. Simply put, move the definition stated above under Planning Coordinator, and then change the Planning Authority definition to: "See Planning Coordinator." Also unless underway already in other Projects, a SAR should be created to correct existing Standard references to Planning Coordinator.
SDT response: Your proposed revisions are outside of the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. For the term Planning Authority, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. If you believe revisions should be made to improve the definition of Planning Authority (or Planning Coordinator), the drafting team suggests submitting a Standards Authorization Request (SAR) outlining any perceived issues or proposed revisions to the definition or Reliability Standards. Additionally, the drafting team notes that to the extent possible, there should be consistency of terminology across NERC documents. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.				
39	Manon Paquet – On Behalf of: Roger Dufresne, Hydro-Quebec Production	1, 5		Yes	
SDT response:					
40	Robert A. Schaffeld – Southern Company - Southern Company Services, Inc.	1		No	The responsible entity that integrates the information from a resource plan, applicable Protection Systems, load service plans, and transmission Facilities into a transmission plan.
SDT response: Thank you for your comments; however, your proposed revisions are outside of the permissible scope of work for this project. For the term Planning Authority, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. The drafting team did not have authorization to revise the definitions outside of addressing alignment between the existing definition language in the Glossary and ROP. If you believe revisions should be made to the definition of Planning Authority, the drafting team suggests submitting a Standards Authorization Request (SAR) outlining any perceived issues or proposed revisions to the definition.					

#	Commenter Organization	Segment	Group name	Y/N	Comment
41	Ben Engelby – ACES Power Marketing	6	ACES Standards Collaborators - Terms Project	No	We recommend retiring the term "Planning Authority" and formally adopt "Planning Coordinator" in its place. There should not be two terms with the same meaning.
SDT response: Thank you for your comments; however, your proposed revisions are outside of the permissible scope of work for this project. For the term Planning Authority, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. The drafting team did not have authorization to revise the definitions outside of addressing alignment between the existing definition language in the Glossary and ROP. If you believe revisions should be made to the definition of Planning Authority, the drafting team suggests submitting a Standards Authorization Request (SAR) outlining any perceived issues or proposed revisions to the definition.					
42	Andy Bolivar – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
43	Kathleen Black – DTE Energy	3,4,5		Yes	
SDT response:					
44	Jennifer Losacco – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
45	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
46	Tony Eddleman – Nebraska Public Power District	3		Yes	
SDT response:					
47	Bernard Johnson –	5		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Oglethorpe Power Corporation				
SDT response:					
48	Colby Bellville – Duke Energy	1,3,5,6	Duke Energy	Yes	
SDT response:					
49	Andrea Jessup – Bonneville Power Administration	1,3,5,6		Yes	
SDT response:					
50	Steven Rueckert – Western Electricity Coordinating Council	10		Yes	I voted affirmative to approve the definition, but suggest that a reference or statement that PA is the same as PC be included.
SDT response: Thank you for your comments; however, your proposed revisions are outside of the permissible scope of work for this project. For the term Planning Authority, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. The drafting team did not have authorization to revise the definitions outside of addressing alignment between the existing definition language in the Glossary and ROP. If you believe revisions should be made to the definition of Planning Authority, the drafting team suggests submitting a Standards Authorization Request (SAR) outlining any perceived issues or proposed revisions to the definition.					

End of Report

Consideration of Comments
Term 33: Point of Receipt

Project Name: 2015-04 Alignment of Terms

Comment Period Start Date: 6/13/2015

Comment Period End Date: 7/27/2015

Associated Ballot: Term 33: Point of Receipt

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	N/A	1,3,5,6
Randi Heise	NERC Compliance Policy	N/A	1,3,5,6

Connie Lowe	NERC Compliance Policy	N/A	1,3,5,6
Louis Slade	NERC Compliance Policy	N/A	1,3,5,6
Chip Humphrey	Power Generation Compliance	N/A	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	N/A	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5

Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2

Ali Miremadi	CAISO	WECC	2

Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6

Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Question

Term 33: Point of Receipt (redline)

Point of Receipt**:**
A location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a ~~Generator~~ generator delivers its output.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to remove the capitalization from the term "Generator" because it is not a defined term in Glossary or the ROP.

Do you agree with the proposed Glossary definition revision to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

#	Commenter Organization	Segment	Group name	Y/N	Comment
1	John Fontenot – Bryan Texas Utilities	1		Yes	
SDT response:					
2	Emily Rousseau – MRO	1,2,3,4, 5,6	MRO-NERC Standards Review Forum (NSRF)	Yes	
SDT response:					
3	Leonard Kula – Independent Electricity System Operator	2		Yes	
SDT response:					
4	Mary Claire Yatsko – Seminole Electric Cooperative, Inc.	1,3,4,5, 6		Yes	
SDT response:					
5	John Seelke – PSEG	1,2,5,6	PSEG	Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
6	Amy Casuscelli – Xcel Energy, Inc.	1,3,5,6		Yes	
SDT response:					
7	Thomas Foltz – AEP	5		Yes	
SDT response:					
8	Dennis Minton – Florida Keys Electric Cooperative Assoc.	1		Yes	
SDT response:					
9	Rob Collins – On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co.	1, 6, 5, 3		Yes	
SDT response:					
10	Louis Slade – Dominion Resources, Inc.	6	Dominion Resources, Inc.	Yes	
SDT response:					
11	Lee Pedowicz – Northeast Power Coordinating Council	10	NPCC--Project 2015-04	No	Transmission System should be capitalized. Transmission System should be uniquely defined. The definitions of Transmission and System should not have to be merged by a reader to create the Transmission System definition.
SDT response: The drafting team agrees that the consecutive use of two (or more) defined terms may create confusion. During Phase 2 of this project, the drafting team will consider recommendations related to sentence structure. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations. To the extent you believe a new defined term (“Transmission System”) should be created, the team suggests that you submit a SAR.					
12	Joe O'Brien –	6		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	NiSource - Northern Indiana Public Service Co.				
SDT response:					
13	Andrew Pusztai – American Transmission Company, LLC	1		Yes	
SDT response:					
14	Matthew Beilfuss – WEC Energy Group, Inc.	3,4,5,6		Yes	
SDT response:					
15	Dennis Chastain – Tennessee Valley Authority	1,3,5,6		Yes	For alignment purposes, we agree with the proposed change to the Glossary definition. We also recommend capitalization of the word "Transmission" within the Point of Receipt (POR) definition because this term is defined in the Glossary and we believe its usage in the POR definition narrative is intended to have the meaning of the defined term. "System" is also a defined term in the Glossary, but its use in the POR definition narrative does not appear to have the same meaning as the defined term.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
16	Jared Shakespeare –	1		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Peak Reliability				
SDT response:					
17	Kaleb Brimhall – Colorado Springs Utilities	5	Colorado Springs Utilities	Yes	We support the Comments Submitted by the Southwest Power Pool.
SDT response: Please see the drafting team response to comments submitted by the Southwest Power Pool.					
18	Terry Bilke – Midcontinent ISO, Inc.	2		No	Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them. From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard. A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term. While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.
SDT response: Please see the drafting team response to your comment for Term 4: Blackstart Resource.					

#	Commenter Organization	Segment	Group name	Y/N	Comment
19	John Allen – City Utilities of Springfield, Missouri	4		Yes	
SDT response:					
20	Jeremy Voll – Basin Electric Power Cooperative	3		Yes	
SDT response:					
21	Lee Schuster – Duke Energy	3		Yes	
SDT response:					
22	Si Truc Phan – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
23	Christina Bigelow – Electric Reliability Council of Texas, Inc.	2	IRC Standards Review Committee	Yes	
SDT response:					
24	Heather Morgan – EDP Renewables North America LLC	5		Yes	
SDT response:					
25	Shawna Speer – Colorado Springs Utilities	1		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
26	Linda Jacobson-Quinn – City of Farmington	3		Yes	
SDT response:					
27	Dan Wilson – PPL Electric Utilities Corporation	5		Yes	
SDT response:					
28	Yvonne McMackin – Public Utility District No. 2 of Grant County, Washington	4		Yes	
SDT response:					
29	Michiko Sell – Public Utility District No. 2 of Grant County, Washington	1		Yes	
SDT response:					
30	Alex Ybarra – Public Utility District No. 2 of Grant County, Washington	5		Yes	
SDT response:					
31	Mike Smith – Manitoba Hydro	1		Yes	
SDT response:					
32	Andrew Gallo – Austin Energy	6		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
SDT response:					
33	Rachel Coyne – Texas Reliability Entity, Inc.	10		Yes	
SDT response:					
34	Yuguang Xiao – Manitoba Hydro	5		Yes	
SDT response:					
35	Chris Scanlon – Exelon	1	Exelon Utilities	Yes	
SDT response:					
36	Martin Boisvert – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
37	Erika Doot – U.S. Bureau of Reclamation	5		Yes	
SDT response:					
38	Jason Smith – Southwest Power Pool, Inc. (RTO)	2	SPP Standards Review Group	Yes	In Phase 2, investigate whether Transmission System should be capitalized.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop					

#	Commenter Organization	Segment	Group name	Y/N	Comment
recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
39	Manon Paquet – On Behalf of: Roger Dufresne, Hydro-Quebec Production	1, 5		Yes	
SDT response:					
40	Robert A. Schaffeld – Southern Company - Southern Company Services, Inc.	1		Yes	
SDT response:					
41	Ben Engelby – ACES Power Marketing	6	ACES Standards Collaborators - Terms Project	No	"Transmission" and "System" are both defined terms and the drafting team should consider if they should be capitalized.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
42	Andy Bolivar – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
43	Kathleen Black – DTE Energy	3,4,5		Yes	
SDT response:					
44	Jennifer Losacco – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
45	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
46	Tony Eddleman – Nebraska Public Power District	3		Yes	
SDT response:					
47	Bernard Johnson – Oglethorpe Power Corporation	5		Yes	
SDT response:					
48	Colby Bellville – Duke Energy	1,3,5,6	Duke Energy	Yes	Duke Energy suggests capitalizing the term "Transmission" throughout the definition, as it is currently a defined term.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					

#	Commenter Organization	Segment	Group name	Y/N	Comment
49	Andrea Jessup – Bonneville Power Administration	1,3,5,6		Yes	
SDT response:					

End of Report

Consideration of Comments
Term 36: Reactive Power

Project Name: 2015-04 Alignment of Terms

Comment Period Start Date: 6/13/2015

Comment Period End Date: 7/27/2015

Associated Ballot: Term 36: Reactive Power

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	N/A	1,3,5,6
Randi Heise	NERC Compliance Policy	N/A	1,3,5,6

Connie Lowe	NERC Compliance Policy	N/A	1,3,5,6
Louis Slade	NERC Compliance Policy	N/A	1,3,5,6
Chip Humphrey	Power Generation Compliance	N/A	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	N/A	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5

Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2

Ali Miremadi	CAISO	WECC	2

Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6

Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Question

Term 36: Reactive Power (redline)

Reactive Power**:**
The portion of electricity that establishes and sustains the electric and magnetic fields of alternating-current equipment. Reactive ~~power~~ Power must be supplied to most types of magnetic equipment, such as motors and transformers. It also must supply the reactive losses on transmission facilities. Reactive ~~power~~ Power is provided by generators, synchronous condensers, or electrostatic equipment such as capacitors and directly influences electric system voltage. It is usually expressed in kilovars (kvar) or megavars (Mvar).

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Power" because "Reactive Power" is a defined term and its usage in this definition narrative is intended to have the meaning of the defined term.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

#	Commenter Organization	Segment	Group name	Y/N	Comment
1	John Fontenot – Bryan Texas Utilities	1		Yes	
SDT response:					
2	Emily Rousseau – MRO	1,2,3,4, 5,6	MRO-NERC Standards Review Forum (NSRF)	Yes	
SDT response:					
3	Leonard Kula – Independent Electricity System Operator	2		No	We do not agree with the proposed revisions as it fall short of including the Reliability Coordinator. We suggest to add "and Reliability Coordinator's" after each of the "Transmission Operator's" since in EOP-006-2, the RC's restoration plan also requires the utilization of Blackstart Resources.
SDT response: These comments do not pertain to the revisions made to Reactive Power. The drafting team refers to the response to comments for Term 4 – Blackstart Resource.					
4	Mary Claire Yatsko –	1,3,4,5, 6		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Seminole Electric Cooperative, Inc.				
SDT response:					
5	John Seelke – PSEG	1,2,5,6	PSEG	Yes	
SDT response:					
6	Amy Casuscelli – Xcel Energy, Inc.	1,3,5,6		Yes	
SDT response:					
7	Thomas Foltz – AEP	5		Yes	
SDT response:					
8	Dennis Minton – Florida Keys Electric Cooperative Assoc.	1		Yes	
SDT response:					
9	Rob Collins – On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co.	1, 6, 5, 3		Yes	
SDT response:					
10	Louis Slade – Dominion Resources, Inc.	6	Dominion Resources, Inc.	Yes	
SDT response:					
11	Lee Pedowicz –	10	NPCC--Project 2015-04	No	[1] Transmission Facilities should be capitalized. Transmission Facilities should be uniquely defined. The definitions of Transmission and Facilty(ies) should not have

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Northeast Power Coordinating Council				to be merged by a reader to create the Transmission Facilities definition. [2] Should the "k" in kvar be capitalized?
SDT response: [1] Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations. [2] The International System of Units provides that a lowercase "k" is used to indicate kilo.					
12	Joe O'Brien – NiSource - Northern Indiana Public Service Co.	6		Yes	
SDT response:					
13	Andrew Pusztai – American Transmission Company, LLC	1		Yes	
SDT response:					
14	Matthew Beilfuss – WEC Energy Group, Inc.	3,4,5,6		No	The proposed change to the term uses the term to define itself. The first sentence of the NERC Glossary term for Reactive Power is sufficient. This would be simple and in line with the definition for Real Power.
SDT response: Thank you for your comments; however, your proposed revisions are outside of the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. For the term Reactive Power, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. However, to the extent that you believe the issues					

#	Commenter Organization	Segment	Group name	Y/N	Comment
identified in your comments should be addressed by a development project, the drafting team encourages you to submit a SAR proposing revisions to the definition of Reactive Power.					
15	Dennis Chastain – Tennessee Valley Authority	1,3,5,6		Yes	For alignment purposes, we agree with the proposed change to the Glossary definition. [1] We also recommend capitalization of the word "Transmission" within the Reactive Power definition because this term is defined in the Glossary and we believe its usage in the Reactive Power definition narrative is intended to have the meaning of the defined term. [2] "Facilities" is also a defined term (Facility), although capitalizing it will create a conjoined term - "Transmission Facilities". [3] We also recommend capitalizing "system" - replace "electric system voltage" with "electric System voltage". [4] Recommend changing "kvar" to "kVAr", and "Mvar" to "MVAr".
SDT response: [1] Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations. [2] See response to [1] above. [3] See response to [1] above.					

#	Commenter Organization	Segment	Group name	Y/N	Comment
[4] With the proposed revisions to the Glossary, the definitions in the ROP and Glossary are aligned.					
16	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
17	Kaleb Brimhall – Colorado Springs Utilities	5	Colorado Springs Utilities	Yes	We support the Comments Submitted by the Southwest Power Pool.
SDT response: Please see the drafting team response to comments submitted by the Southwest Power Pool.					
18	Terry Bilke – Midcontinent ISO, Inc.	2		No	Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them. From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard. A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term. While we say we're stabilizing the standards, this adds another layer of effort,

#	Commenter Organization	Segment	Group name	Y/N	Comment
					particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.
SDT response: Please see the drafting team response to your comment for Term 4: Blackstart Resource.					
19	John Allen – City Utilities of Springfield, Missouri	4		Yes	See comments from SPP Standards Review Group.
SDT response:					
20	Jeremy Voll – Basin Electric Power Cooperative	3		Yes	
SDT response:					
21	Lee Schuster – Duke Energy	3		Yes	
SDT response:					
22	Si Truc Phan – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
23	Christina Bigelow – Electric Reliability Council of Texas, Inc.	2	IRC Standards Review Committee	Yes	Comments provided in the attached file.
SDT response: Attached comments were not received.					
24	Heather Morgan – EDP Renewables North America LLC	5		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
25	Shawna Speer – Colorado Springs Utilities	1		Yes	
SDT response:					
26	Linda Jacobson-Quinn – City of Farmington	3		Yes	
SDT response:					
27	Dan Wilson – PPL Electric Utilities Corporation	5		Yes	
SDT response:					
28	Yvonne McMackin – Public Utility District No. 2 of Grant County, Washington	4		Yes	
SDT response:					
29	Michiko Sell – Public Utility District No. 2 of Grant County, Washington	1		Yes	
SDT response:					
30	Alex Ybarra – Public Utility District No. 2 of Grant County, Washington	5		Yes	
SDT response:					
31	Mike Smith – Manitoba Hydro	1		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
32	Andrew Gallo – Austin Energy	6		Yes	
SDT response:					
33	Rachel Coyne – Texas Reliability Entity, Inc.	10		Yes	
SDT response:					
34	Yuguang Xiao – Manitoba Hydro	5		Yes	
SDT response:					
35	Chris Scanlon – Exelon	1	Exelon Utilities	Yes	
SDT response:					
36	Martin Boisvert – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
37	Erika Doot – U.S. Bureau of Reclamation	5		Yes	
SDT response:					
38	Jason Smith – Southwest Power Pool, Inc. (RTO)	2	SPP Standards Review Group	Yes	In Phase 2, investigate whether Transmission and/or Facilities should be capitalized.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term;					

#	Commenter Organization	Segment	Group name	Y/N	Comment
failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
39	Manon Paquet – On Behalf of: Roger Dufresne, Hydro-Quebec Production	1, 5		Yes	
SDT response:					
40	Robert A. Schaffeld – Southern Company - Southern Company Services, Inc.	1		Yes	
SDT response:					
41	Ben Engelby – ACES Power Marketing	6	ACES Standards Collaborators - Terms Project	No	"Transmission" and "Facilities" are both defined terms and the drafting team should consider if they should be capitalized.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
42	Andy Bolivar –	1		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	NextEra Energy - Florida Power and Light Co.				
SDT response:					
43	Kathleen Black – DTE Energy	3,4,5		Yes	
SDT response:					
44	Jennifer Losacco – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
45	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
46	Tony Eddleman – Nebraska Public Power District	3		Yes	
SDT response:					
47	Bernard Johnson – Oglethorpe Power Corporation	5		Yes	
SDT response:					
48	Colby Bellville – Duke Energy	1,3,5,6	Duke Energy	Yes	Duke Energy suggests capitalizing the terms "Transmission" and "Facilities" throughout the definition, as they are currently defined terms.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the					

#	Commenter Organization	Segment	Group name	Y/N	Comment
ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
49	Andrea Jessup – Bonneville Power Administration	1,3,5,6		Yes	
SDT response:					

End of Report

Consideration of Comments
Term 37: Real Power

Project Name: 2015-04 Alignment of Terms

Comment Period Start Date: 6/13/2015

Comment Period End Date: 7/27/2015

Associated Ballot: Term 37: Real Power

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	N/A	1,3,5,6
Randi Heise	NERC Compliance Policy	N/A	1,3,5,6

Connie Lowe	NERC Compliance Policy	N/A	1,3,5,6
Louis Slade	NERC Compliance Policy	N/A	1,3,5,6
Chip Humphrey	Power Generation Compliance	N/A	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	N/A	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5

Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2

Ali Miremadi	CAISO	WECC	2

Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6

Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Question

Term 37: Real Power (redline)

Real Power**:**

The portion of electricity that supplies energy to the ~~load~~Load.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "load" in the Glossary because it is a defined term and its usage in this definition narrative is intended to have the meaning of the defined term. In the definition narrative of Real Power, use of the word load is intended to mean an end-use device or customer.

Do you agree with the proposed Glossary definition revision to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

#	Commenter Organization	Segment	Group name	Y/N	Comment
1	John Fontenot – Bryan Texas Utilities	1		Yes	
SDT response:					
2	Emily Rousseau – MRO	1,2,3,4,5, 6	MRO-NERC Standards Review Forum (NSRF)	Yes	
SDT response:					
3	Leonard Kula – Independent Electricity System Operator	2		Yes	
SDT response:					
4	Mary Claire Yatsko – Seminole Electric Cooperative, Inc.	1,3,4,5,6		Yes	
SDT response:					
5	John Seelke – PSEG	1,2,5,6	PSEG	Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
SDT response:					
6	Amy Casuscelli – Xcel Energy, Inc.	1,3,5,6		Yes	
SDT response:					
7	Thomas Foltz – AEP	5		Yes	
SDT response:					
8	Dennis Minton – Florida Keys Electric Cooperative Assoc.	1		Yes	
SDT response:					
9	Rob Collins – On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co.	1, 6, 5, 3		Yes	
SDT response:					
10	Louis Slade – Dominion Resources, Inc.	6	Dominion Resources, Inc.	Yes	
SDT response:					
11	Lee Pedowicz – Northeast Power Coordinating Council	10	NPCC--Project 2015-04	Yes	
SDT response:					
12	Joe O'Brien – NiSource - Northern Indiana Public Service Co.	6		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
SDT response:					
13	Andrew Pusztai – American Transmission Company, LLC	1		Yes	
SDT response:					
14	Matthew Beilfuss – WEC Energy Group, Inc.	3,4,5,6		Yes	
SDT response:					
15	Dennis Chastain – Tennessee Valley Authority	1,3,5,6		Yes	
SDT response:					
16	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
17	Kaleb Brimhall – Colorado Springs Utilities	5	Colorado Springs Utilities	Yes	We support the Comments Submitted by the Southwest Power Pool.
SDT response: Please see the drafting team response to comments submitted by the Southwest Power Pool.					
18	Terry Bilke – Midcontinent ISO, Inc.	2		No	Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them. From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a

#	Commenter Organization	Segment	Group name	Y/N	Comment
					lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard. A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term. While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.
SDT response: Please see the drafting team response to your comment for Term 4: Blackstart Resource.					
19	John Allen – City Utilities of Springfield, Missouri	4		Yes	
SDT response:					
20	Jeremy Voll – Basin Electric Power Cooperative	3		Yes	
SDT response:					
21	Lee Schuster – Duke Energy	3		Yes	
SDT response:					
22	Si Truc Phan –	1		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Hydro-Quebec TransEnergie				
SDT response:					
23	Christina Bigelow – Electric Reliability Council of Texas, Inc.	2	IRC Standards Review Committee	Yes	Comments provided in the attached file.
SDT response: Attached comments were not received.					
24	Heather Morgan – EDP Renewables North America LLC	5		Yes	
SDT response:					
25	Shawna Speer – Colorado Springs Utilities	1		Yes	
SDT response:					
26	Linda Jacobson-Quinn – City of Farmington	3		Yes	
SDT response:					
27	Dan Wilson – PPL Electric Utilities Corporation	5		Yes	
SDT response:					
28	Yvonne McMackin – Public Utility District No. 2 of Grant County, Washington	4		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
29	Michiko Sell – Public Utility District No. 2 of Grant County, Washington	1		Yes	
SDT response:					
30	Alex Ybarra – Public Utility District No. 2 of Grant County, Washington	5		Yes	
SDT response:					
31	Mike Smith – Manitoba Hydro	1		Yes	
SDT response:					
32	Andrew Gallo – Austin Energy	6		Yes	
SDT response:					
33	Rachel Coyne – Texas Reliability Entity, Inc.	10		Yes	
SDT response:					
34	Yuguang Xiao – Manitoba Hydro	5		Yes	
SDT response:					
35	Chris Scanlon – Exelon	1	Exelon Utilities	Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
36	Martin Boisvert – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
37	Erika Doot – U.S. Bureau of Reclamation	5		Yes	
SDT response:					
38	Jason Smith – Southwest Power Pool, Inc. (RTO)	2	SPP Standards Review Group	Yes	
SDT response:					
39	Manon Paquet – On Behalf of: Roger Dufresne, Hydro-Quebec Production	1, 5		Yes	
SDT response:					
40	Robert A. Schaffeld – Southern Company - Southern Company Services, Inc.	1		Yes	
SDT response:					
41	Ben Engelby – ACES Power Marketing	6	ACES Standards Collaborators - Terms Project	Yes	
SDT response:					
42	Andy Bolivar –	1		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	NextEra Energy - Florida Power and Light Co.				
SDT response:					
43	Kathleen Black – DTE Energy	3,4,5		Yes	
SDT response:					
44	Jennifer Losacco – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
45	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
46	Tony Eddleman – Nebraska Public Power District	3		Yes	
SDT response:					
47	Bernard Johnson – Oglethorpe Power Corporation	5		Yes	
SDT response:					
48	Colby Bellville – Duke Energy	1,3,5,6	Duke Energy	Yes	
SDT response:					
49	Andrea Jessup –	1,3,5,6		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Bonneville Power Administration				
SDT response:					

End of Report

Consideration of Comments
Term 38: Reliability Coordinator

Project Name: 2015-04 Alignment of Terms

Comment Period Start Date: 6/13/2015

Comment Period End Date: 7/27/2015

Associated Ballot: Term 38: Reliability Coordinator

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	N/A	1,3,5,6
Randi Heise	NERC Compliance Policy	N/A	1,3,5,6

Connie Lowe	NERC Compliance Policy	N/A	1,3,5,6
Louis Slade	NERC Compliance Policy	N/A	1,3,5,6
Chip Humphrey	Power Generation Compliance	N/A	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	N/A	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5

Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2

Ali Miremadi	CAISO	WECC	2

Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6

Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Question

Term 38: Reliability Coordinator (redline)

Reliability Coordinator:

The entity that is the highest level of authority who is responsible for the ~~reliable~~ Reliable ~~operation~~ Operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis and real-time operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Reliable Operation" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term.

Do you agree with the proposed Glossary definition revision to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

#	Commenter Organization	Segment	Group name	Y/N	Comment
1	John Fontenot – Bryan Texas Utilities	1		Yes	
SDT response:					
2	Emily Rousseau – MRO	1,2,3,4,5, 6	MRO-NERC Standards Review Forum (NSRF)	Yes	
SDT response:					
3	Leonard Kula – Independent Electricity System Operator	2		Yes	
SDT response:					
4	Mary Claire Yatsko –	1,3,4,5,6		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Seminole Electric Cooperative, Inc.				
SDT response:					
5	John Seelke – PSEG	1,2,5,6	PSEG	Yes	
SDT response:					
6	Amy Casuscelli – Xcel Energy, Inc.	1,3,5,6		Yes	
SDT response:					
7	Thomas Foltz – AEP	5		Yes	
SDT response:					
8	Dennis Minton – Florida Keys Electric Cooperative Assoc.	1		Yes	
SDT response:					
9	Rob Collins – On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co.	1, 6, 5, 3		Yes	
SDT response:					
10	Louis Slade – Dominion Resources, Inc.	6	Dominion Resources, Inc.	Yes	
SDT response:					
11	Lee Pedowicz –	10	NPCC--Project 2015-04	No	Transmission Systems should be capitalized because both are terms defined in the NERC Glossary.

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Northeast Power Coordinating Council				Real-time should be capitalized.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
12	Joe O'Brien – NiSource - Northern Indiana Public Service Co.	6			
SDT response:					
13	Andrew Pusztai – American Transmission Company, LLC	1		Yes	
SDT response:					
14	Matthew Beilfuss – WEC Energy Group, Inc.	3,4,5,6		Yes	
SDT response:					
15	Dennis Chastain – Tennessee Valley Authority	1,3,5,6		Yes	For alignment purposes, we agree with the proposed change to the Glossary definition. We also recommend capitalization of the words “Real-time” and “Transmission” within the Reliability Coordinator (RC) definition because these terms are defined in the Glossary and we believe their usage in the RC definition narrative is intended to have the meaning of the defined terms.

#	Commenter Organization	Segment	Group name	Y/N	Comment
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
16	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
17	Kaleb Brimhall – Colorado Springs Utilities	5	Colorado Springs Utilities	Yes	We support the Comments Submitted by the Southwest Power Pool.
SDT response: Please see the drafting team response to comments submitted by the Southwest Power Pool.					
18	Terry Bilke – Midcontinent ISO, Inc.	2		No	Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them. From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard. A simple solution that doesn't change the intent of standards or the Rules is to

#	Commenter Organization	Segment	Group name	Y/N	Comment
					create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term. While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.
SDT response: Please see the drafting team response to your comment for Term 4: Blackstart Resource.					
19	John Allen – City Utilities of Springfield, Missouri	4		No	See comments from SPP Standards Review Group.
SDT response:					
20	Jeremy Voll – Basin Electric Power Cooperative	3		Yes	
SDT response:					
21	Lee Schuster – Duke Energy	3		Yes	
SDT response:					
22	Si Truc Phan – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
23	Christina Bigelow – Electric Reliability Council of Texas, Inc.	2	IRC Standards Review Committee	Yes	The SRC has previously commented that there needs to be total consistency between all fundamental documents within NERC. Thus, while it does not

#	Commenter Organization	Segment	Group name	Y/N	Comment
					disagree with the proposed changes, it recommends that the SDT take this opportunity to also synchronize this definition with the Functional Model.
SDT response: Thank you for your comments; however, modifications to the Functional Model fall outside the permissible scope of the work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
24	Heather Morgan – EDP Renewables North America LLC	5		Yes	
SDT response:					
25	Shawna Speer – Colorado Springs Utilities	1		No	Reference the group comments - Colorado Springs Utilities
SDT response:					
26	Linda Jacobson-Quinn – City of Farmington	3		Yes	The NERC Functional Model should be modified in order to be consistent with the NERC Glossary.
SDT response: Thank you for your comments; however, modifications to the Functional Model fall outside the permissible scope of the work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
27	Dan Wilson – PPL Electric Utilities Corporation	5		Yes	
SDT response:					
28	Yvonne McMackin –	4		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Public Utility District No. 2 of Grant County, Washington				
SDT response:					
29	Michiko Sell – Public Utility District No. 2 of Grant County, Washington	1		Yes	
SDT response:					
30	Alex Ybarra – Public Utility District No. 2 of Grant County, Washington	5		Yes	
SDT response:					
31	Mike Smith – Manitoba Hydro	1		Yes	
SDT response:					
32	Andrew Gallo – Austin Energy	6		Yes	
SDT response:					
33	Rachel Coyne – Texas Reliability Entity, Inc.	10		Yes	
SDT response:					
34	Yuguang Xiao – Manitoba Hydro	5		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
35	Chris Scanlon – Exelon	1	Exelon Utilities	Yes	
SDT response:					
36	Martin Boisvert – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
37	Erika Doot – U.S. Bureau of Reclamation	5		Yes	
SDT response:					
38	Jason Smith – Southwest Power Pool, Inc. (RTO)	2	SPP Standards Review Group	No	[1] In the defined term "Reliable Operation", the use of the phrase Bulk-Power System is used. We recommend investigating and reporting on the correct use of this phrase in the definition as it could lead to increased scope of responsibility for the Reliability Coordinator or other entities responsible for Reliable Operation. A Reliability Coordinator does not "operate the elements of the Bulk-Power System…." per its functional requirements. So using the capitalized term here is inappropriate and concludes that the RC now has operating requirements for elements and Facilities. Perhaps in Phase 2, the definition of Reliability Coordinator could be adjusted to not use the similar phrase "reliable operation". The use of this phrasing is also not consistent with the definition of Reliability Standard where the Standard provides for "reliable operation of the bulk-power system" but the Reliability Coordinator is responsible for "reliable operation of the Bulk-Electric System". [2] The phrase "real-time" is also used in the definition and should be reviewed for capitalization in Phase 2. Reference to the appropriate horizons such as but not limited to: Operating Horizon or Real-Time Operations Horizons in the definition would be more clear.

#	Commenter Organization	Segment	Group name	Y/N	Comment
SDT response: [1] Thank you for your comments. The drafting team appreciates the issues raised in your comments, and discussed the issues at great length. The drafting team recognizes that Reliability Coordinators (RCs) do not physically operate the elements of the BPS. However, the team maintains that RCs ultimately remain responsible for the reliable operation of the BES, as stated in the revised definition for Reliability Coordinator. The team believes that the proposed alignment revisions accord with the scope of responsibility for Reliability Coordinators and do not foist any operating requirements upon the Reliability Coordinator. To the extent that you believe the issues identified in your comments should be addressed by a development project, the drafting team encourages you to submit a SAR outlining the issues and your proposed recommendations for resolving those issues. [2] The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.				
39	Manon Paquet – On Behalf of: Roger Dufresne, Hydro-Quebec Production	1, 5		Yes	
SDT response:					
40	Robert A. Schaffeld – Southern Company - Southern Company Services, Inc.	1		Yes	
SDT response:					
41	Ben Engelby – ACES Power Marketing	6	ACES Standards Collaborators - Terms Project	No	"Emergency," "Real-time," "Transmission," and "System" are defined terms and the drafting team should consider if they should be capitalized.
SDT response: The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its					

#	Commenter Organization	Segment	Group name	Y/N	Comment
recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
42	Andy Bolivar – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
43	Kathleen Black – DTE Energy	3,4,5		Yes	
SDT response:					
44	Jennifer Losacco – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
45	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
46	Tony Eddleman – Nebraska Public Power District	3		No	I support SPP comments.
SDT response:					
47	Bernard Johnson – Oglethorpe Power Corporation	5		Yes	
SDT response:					
48	Colby Bellville – Duke Energy	1,3,5,6	Duke Energy	Yes	Duke Energy suggests the use, and the capitalization of the term “Bulk-Power System” in the place of “Bulk Electric System” in the definition, as the term

#	Commenter Organization	Segment	Group name	Y/N	Comment
					"Reliable Operation" uses the term "Bulk-Power System" within its own definition. Also, we suggest capitalizing the terms "Transmission", and "Facilities" as they are both currently defined terms.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations. Additionally, the drafting team notes that during the Phase 1 work, a number of questions were raised regarding inconsistent or improper usage of the terms Bulk Electric System (BES) and Bulk Power System (BPS). During Phase 2, the drafting team will consider recommending that an effort is undertaken to review and assess usage of the terms BES and BPS throughout the Reliability Standards, Glossary, and ROP to ensure proper usage and application given the particular context.				
49	Andrea Jessup – Bonneville Power Administration	1,3,5,6		Yes	
SDT response:					

End of Report

Consideration of Comments
Term 40: Reliability Standard

Project Name: 2015-04 Alignment of Terms

Comment Period Start Date: 6/13/2015

Comment Period End Date: 7/27/2015

Associated Ballot: Term 40: Reliability Standard

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	N/A	1,3,5,6
Randi Heise	NERC Compliance Policy	N/A	1,3,5,6

Connie Lowe	NERC Compliance Policy	N/A	1,3,5,6
Louis Slade	NERC Compliance Policy	N/A	1,3,5,6
Chip Humphrey	Power Generation Compliance	N/A	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	N/A	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5

Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2

Ali Miremadi	CAISO	WECC	2

Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6

Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Question

Term 40: Reliability Standard (redline)

Reliability Standard**:**

A requirement, approved by the United States Federal Energy Regulatory Commission under ~~this~~ Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk~~-~~ Power System]. The term includes requirements for the operation of existing bulk-power system [Bulk~~-~~ Power System] facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk~~-~~ Power System], but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity. (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)

The SDT is proposing revisions to the FERC-approved Glossary definition to clarify that defined terms contained in the definition narrative are not capitalized in order to maintain consistency with the Federal Power Act. Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Based on the industry comments received, the drafting team has made the following errata changes (below is the balloted definition with a redline of the errata changes):

Reliability Standard**:**

A requirement, approved by the United States Federal Energy Regulatory Commission under Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for ~~reliable operation [~~Reliable Operation~~]~~ of the ~~bulk-power system [~~Bulk Power System~~]~~. The term includes requirements for the operation of existing ~~bulk-power system [~~Bulk Power System~~]~~ facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for ~~reliable operation [~~Reliable Operation~~]~~ of the ~~bulk-power system [~~Bulk Power System~~]~~, but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity. ~~(In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)~~

Explanation of errata changes:

In an attempt to provide clarity that the defined terms “Reliable Operation” and “Bulk Power System” were consistent with the definitions in the Federal Power Act, the drafting team originally included both the capitalized and lowercase form of the term. This is because the Federal Power Act does not capitalize the defined term; whereas, NERC uses capitalization to indicate a term has a defined meaning. Regardless of the capitalization, however, the important point is that the terms are defined in the same manner in both the Federal Power Act and the NERC Glossary. A number of commenters believe that

repeating the term introduces unnecessary complication and confusion. The drafting team therefore removed the lowercase use of the term and retained the capitalized form. Also, the team removed the parenthetical sentence that explained the reason for including the lowercase use of the term. Because the definitions in the Federal Power Act and the NERC Glossary are the same, these changes do not alter the meaning or application of the definition, and thus, are not substantive in nature.

#	Commenter Organization	Segment	Group name	Y/N	Comment
1	John Fontenot – Bryan Texas Utilities	1		Yes	
SDT response:					
2	Kathy Caignon – City of Vineland	3		Yes	
SDT response:					
3	Emily Rousseau – MRO	1,2,3,4,5, 6	MRO-NERC Standards Review Forum (NSRF)	Yes	
SDT response:					
4	Leonard Kula – Independent Electricity System Operator	2		No	While we generally support the proposed revisions, we are unable to support the inclusion of the phrase "In order to remain consistent with the Federal Power Act," since there are entities such as the IESO that are not under FERC's jurisdiction. We propose to revise the note as follows: (In order to remain consistent with published regulatory documents, defined terms contained in this narrative are not capitalized.)
SDT response: The drafting team agrees to remove the parenthetical sentence that you take issue with. Please see above explanation regarding the errata changes made to the definition.					
5	Mary Claire Yatsko – Seminole Electric Cooperative, Inc.	1,3,4,5,6		No	NERC should delete all references to the Federal Power Act throughout these revisions and "re-capitalize" NERC defined terms within all of the definitions. Seminole's reasoning for this is that each term should have one reference only. For example, if NERC feels that the defined term "Facilities" does

#	Commenter Organization	Segment	Group name	Y/N	Comment
					not encapsulate the meaning put forth by Congress of "facilities" in the Federal Power Act, then the drafting team should revise the definition for Facilities. Referencing both the Federal Power Act and the NERC Glossary can cause confusion where legislative background can be interpreted differently than NERC definition drafting team responses and notes.
SDT response: In an attempt to provide clarity that the defined terms "Reliable Operation" and "Bulk Power System" were consistent with the definitions in the Federal Power Act, the drafting team included both the capitalized and lowercase form of the term. This is because the Federal Power Act does not capitalize the defined term; whereas, NERC uses capitalization to indicate a term has a defined meaning. Regardless of the capitalization, however, the important point is that the terms are defined in the same manner in both the Federal Power Act and the NERC Glossary. A number of commenters believe that repeating the term introduces unnecessary complication and confusion. The drafting team therefore removed the lowercase use of the term and retained the capitalized form. Also, the team removed the parenthetical sentence that explained the reason for including the lowercase use of the term. Because the definitions in the Federal Power Act and the NERC Glossary are the same, these changes do not alter the meaning or application of the definition, and thus, are not substantive in nature. Additionally, the drafting team notes that there should consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
6	John Seelke – PSEG	1,2,5,6	PSEG	Yes	
SDT response:					
7	Amy Casuscelli – Xcel Energy, Inc.	1,3,5,6		Yes	
SDT response:					
8	Thomas Foltz – AEP	5		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
9	Dennis Minton – Florida Keys Electric Cooperative Assoc.	1		Yes	
SDT response:					
10	Rob Collins – On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co.	1, 6, 5, 3		Yes	
SDT response:					
11	Louis Slade – Dominion Resources, Inc.	6	Dominion Resources, Inc.	No	Dominion believes that all terms which are defined in the NERC Glossary should be capitalized for consistency. We do not agree that an exception, so that consistency with the Federal Power Act, should be made. If this exception is accepted, what justification would be used for not being consistent with other regulatory statutes?

SDT response: In an attempt to provide clarity that the defined terms "Reliable Operation" and "Bulk Power System" were consistent with the definitions in the Federal Power Act, the drafting team included both the capitalized and lowercase form of the term. This is because the Federal Power Act does not capitalize the defined term; whereas, NERC uses capitalization to indicate a term has a defined meaning. Regardless of the capitalization, however, the important point is that the terms are defined in the same manner in both the Federal Power Act and the NERC Glossary. A number of commenters believe that repeating the term introduces unnecessary complication and confusion. The drafting team therefore removed the lowercase use of the term and retained the capitalized form. Also, the team removed the parenthetical sentence that explained the reason for including the lowercase use of the term. Because the definitions in the Federal Power Act and the NERC Glossary are the same, these changes do not alter the meaning or application of the definition, and thus, are not substantive in nature.

Additionally, the drafting team notes that there should consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.

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12	Lee Pedowicz – Northeast Power Coordinating Council	10	NPCC--Project 2015-04	No	[1] There is the note in the definition of Bulk Power System (Question 2) that defined terms are not capitalized to be consistent with the Federal Power Act. In this definition, that same note is made, yet terms in capitals are added in brackets. There should be consistency. [2] The definition of Reliability Standard in the NERC Glossary is significantly different from that in the Rules of Procedure. We recognize that this is a substantive change that must be addressed.
SDT response: [1] In an attempt to provide clarity that the defined terms "Reliable Operation" and "Bulk Power System" were consistent with the definitions in the Federal Power Act, the drafting team included both the capitalized and lowercase form of the term. This is because the Federal Power Act does not capitalize the defined term; whereas, NERC uses capitalization to indicate a term has a defined meaning. Regardless of the capitalization, however, the important point is that the terms are defined in the same manner in both the Federal Power Act and the NERC Glossary. A number of commenters believe that repeating the term introduces unnecessary complication and confusion. The drafting team therefore removed the lowercase use of the term and retained the capitalized form. Also, the team removed the parenthetical sentence that explained the reason for including the lowercase use of the term. Because the definitions in the Federal Power Act and the NERC Glossary are the same, these changes do not alter the meaning or application of the definition, and thus, are not substantive in nature. [2] The drafting team agrees that prior to the alignment revisions proposed by this team, the definitions in the Glossary and ROP contained a number of differences. However, the team believes that the alignment revisions made to both the ROP and Glossary definitions resolve the issue.				
13	Joe O'Brien – NiSource - Northern Indiana Public Service Co.	6		Yes	
SDT response:					
14	Andrew Pusztai – American Transmission Company, LLC	1		Yes	
SDT response:					
15	Matthew Beilfuss – WEC Energy Group, Inc.	3,4,5,6		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
16	Dennis Chastain – Tennessee Valley Authority	1,3,5,6		Yes	Given the statement in parenthesis at the end of the definition, we believe that retaining the capitalized terms in brackets throughout the definition adds unnecessary clutter.
SDT response: In an attempt to provide clarity that the defined terms "Reliable Operation" and "Bulk Power System" were consistent with the definitions in the Federal Power Act, the drafting team included both the capitalized and lowercase form of the term. This is because the Federal Power Act does not capitalize the defined term; whereas, NERC uses capitalization to indicate a term has a defined meaning. Regardless of the capitalization, however, the important point is that the terms are defined in the same manner in both the Federal Power Act and the NERC Glossary. A number of commenters believe that repeating the term introduces unnecessary complication and confusion. The drafting team therefore removed the lowercase use of the term and retained the capitalized form. Also, the team removed the parenthetical sentence that explained the reason for including the lowercase use of the term. Because the definitions in the Federal Power Act and the NERC Glossary are the same, these changes do not alter the meaning or application of the definition, and thus, are not substantive in nature.					
17	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
18	Kaleb Brimhall – Colorado Springs Utilities	5	Colorado Springs Utilities	Yes	We support the Comments Submitted by the Southwest Power Pool.
SDT response: Please see the drafting team response to comments submitted by the Southwest Power Pool.					
19	Terry Bilke – Midcontinent ISO, Inc.	2		No	Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them. From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

#	Commenter Organization	Segment	Group name	Y/N	Comment
					A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term. While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.
SDT response: Please see the drafting team response to your comment for Term 4: Blackstart Resource.					
20	John Allen – City Utilities of Springfield, Missouri	4		Yes	See comments from SPP Standards Review Group
SDT response:					
21	Jeremy Voll – Basin Electric Power Cooperative	3		Yes	
SDT response:					
22	Lee Schuster – Duke Energy	3		Yes	
SDT response:					
23	Si Truc Phan – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
24	Christina Bigelow – Electric Reliability Council of Texas, Inc.	2	IRC Standards Review Committee	No	The SRC generally supports the proposed revisions, but is unable to support the inclusion of the phrase "In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1]." The SRC notes that, since there are entities such as the IESO that are not under FERC's jurisdiction, any revisions to the definition should respect the differing regulatory regimes in effect. The SRC suggests that this note be reworded as follows: The term does not include facilities used in the local distribution of electric energy. (In order to remain consistent with applicable regulatory authorities, defined terms contained in this narrative are not capitalized.) Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning.
SDT response: In an attempt to provide clarity that the defined terms "Reliable Operation" and "Bulk Power System" were consistent with the definitions in the Federal Power Act, the drafting team included both the capitalized and lowercase form of the term. This is because the Federal Power Act does not capitalize the defined term; whereas, NERC uses capitalization to indicate a term has a defined meaning. Regardless of the capitalization, however, the important point is that the terms are defined in the same manner in both the Federal Power Act and the NERC Glossary. A number of commenters believe that repeating the term introduces unnecessary complication and confusion. The drafting team therefore removed the lowercase use of the term and retained the capitalized form. Also, the team removed the parenthetical sentence that explained the reason for including the lowercase use of the term. Because the definitions in the Federal Power Act and the NERC Glossary are the same, these changes do not alter the meaning or application of the definition, and thus, are not substantive in nature.					
25	Heather Morgan – EDP Renewables North America LLC	5		Yes	
SDT response:					
26	Shawna Speer – Colorado Springs Utilities	1		Yes	
SDT response:					
27	Linda Jacobson-Quinn – City of Farmington	3		Yes	
SDT response:					
28	Dan Wilson –	5		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	PPL Electric Utilities Corporation				
SDT response:					
29	Yvonne McMackin – Public Utility District No. 2 of Grant County, Washington	4		Yes	
SDT response:					
30	Michiko Sell – Public Utility District No. 2 of Grant County, Washington	1		Yes	
SDT response:					
31	Alex Ybarra – Public Utility District No. 2 of Grant County, Washington	5		Yes	
SDT response:					
32	Mike Smith – Manitoba Hydro	1		No	Proposed changes to 6 (Bulk-Power System), 40 (Reliability Standard) and 41 (Reliable Operation) relating to the Federal Power Act are not made consistently. Redlined added text referencing the Federal Power Act should be consistently written for #6, #40, #41. Bulk-Power System should appear consistently in the definitions of #6, #40, #41. Defined terms should be written consistently. If using "reliable operation [Reliable Operation]", should also use same approach "facilities [Facility(ies)]" for all other defined terms.
SDT response: In an attempt to provide clarity that the defined terms “Reliable Operation” and “Bulk Power System” were consistent with the definitions in the Federal Power Act, the drafting team included both the capitalized and lowercase form of the term. This is because the Federal Power Act does not capitalize the defined term; whereas, NERC uses capitalization to indicate a term has a defined meaning. Regardless of the capitalization, however, the important point is that					

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the terms are defined in the same manner in both the Federal Power Act and the NERC Glossary. A number of commenters believe that repeating the term introduces unnecessary complication and confusion. The drafting team therefore removed the lowercase use of the term and retained the capitalized form. Also, the team removed the parenthetical sentence that explained the reason for including the lowercase use of the term. Because the definitions in the Federal Power Act and the NERC Glossary are the same, these changes do not alter the meaning or application of the definition, and thus, are not substantive in nature. Additionally, the drafting team notes its agreement that there should be consistency in form, sentence structure and capitalization throughout the NERC defined terms. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address consistency issues if the existing definitions were aligned (and the issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the drafting team will develop recommendations to prevent future misalignment or inconsistencies in NERC defined terms. The drafting team will provide its Phase 2 recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the recommendations. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of these Phase 2 recommendations.					
33	Andrew Gallo – Austin Energy	6		Yes	
SDT response:					
34	Rachel Coyne – Texas Reliability Entity, Inc.	10		Yes	In general, Texas RE recommends consistency with capitalization. Capitalization infers a term is defined in the Glossary and/or ROP.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
35	Yuguang Xiao – Manitoba Hydro	5		No	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
36	Chris Scanlon – Exelon	1	Exelon Utilities	Yes	
SDT response:					
37	Martin Boisvert – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
38	Erika Doot – U.S. Bureau of Reclamation	5		Yes	
SDT response:					
39	Jason Smith – Southwest Power Pool, Inc. (RTO)	2	SPP Standards Review Group	Yes	
SDT response:					
40	Manon Paquet – On Behalf of: Roger Dufresne, Hydro-Quebec Production	1, 5		Yes	
SDT response:					
41	Robert A. Schaffeld – Southern Company - Southern Company Services, Inc.	1		Yes	
SDT response:					
42	Ben Engelby – ACES Power Marketing	6	ACES Standards Collaborators - Terms Project	No	There needs to be consistency with the use of brackets to signify Glossary/ROP terms that are intended to have the meaning of the definition in Section 215 of the Federal Power Act. The "Reliability Standard" definition uses brackets for the

#	Commenter Organization	Segment	Group name	Y/N	Comment
					terms [Reliable Operation] and [Bulk-Power System]. However, the "Bulk-Power System" definition does not use brackets and Glossary/ROP terms are lower case.
SDT response: In an attempt to provide clarity that the defined terms "Reliable Operation" and "Bulk Power System" were consistent with the definitions in the Federal Power Act, the drafting team included both the capitalized and lowercase form of the term. This is because the Federal Power Act does not capitalize the defined term; whereas, NERC uses capitalization to indicate a term has a defined meaning. Regardless of the capitalization, however, the important point is that the terms are defined in the same manner in both the Federal Power Act and the NERC Glossary. A number of commenters believe that repeating the term introduces unnecessary complication and confusion. The drafting team therefore removed the lowercase use of the term and retained the capitalized form. Also, the team removed the parenthetical sentence that explained the reason for including the lowercase use of the term. Because the definitions in the Federal Power Act and the NERC Glossary are the same, these changes do not alter the meaning or application of the definition, and thus, are not substantive in nature.					
43	Andy Bolivar – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
44	Kathleen Black – DTE Energy	3,4,5		Yes	
SDT response:					
45	Jennifer Losacco – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
46	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
47	Tony Eddleman – Nebraska Public Power District	3		Yes	
SDT response:					
48	Bernard Johnson –	5		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Oglethorpe Power Corporation				
SDT response:					
49	Colby Bellville – Duke Energy	1,3,5,6	Duke Energy	No	Duke Energy seeks clarification regarding the proposed alignment of the term Reliability Standard. We feel as though additional measure could be taken to improve consistency. To improve consistency, we suggest that terms that are capitalized within a certain definition, should also be capitalized in both places. For example, if a term within the definition of Reliability Standard is capitalized in the Glossary of Terms, that same term should be capitalized in the definition of Reliability Standard within the NERC Rules of Procedure. Duke Energy also suggests, either using lower case where appropriate and delete the bracketed terms within the definition, or use the upper case of the terms and delete the unnecessary added language.
SDT response: In an attempt to provide clarity that the defined terms "Reliable Operation" and "Bulk Power System" were consistent with the definitions in the Federal Power Act, the drafting team included both the capitalized and lowercase form of the term. This is because the Federal Power Act does not capitalize the defined term; whereas, NERC uses capitalization to indicate a term has a defined meaning. Regardless of the capitalization, however, the important point is that the terms are defined in the same manner in both the Federal Power Act and the NERC Glossary. A number of commenters believe that repeating the term introduces unnecessary complication and confusion. The drafting team therefore removed the lowercase use of the term and retained the capitalized form. Also, the team removed the parenthetical sentence that explained the reason for including the lowercase use of the term. Because the definitions in the Federal Power Act and the NERC Glossary are the same, these changes do not alter the meaning or application of the definition, and thus, are not substantive in nature. Additionally, the drafting team notes that there should consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.				
50	Andrea Jessup –	1,3,5,6		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Bonneville Power Administration				
SDT response:					
51	Patrick Brown - Canadian Electricity Association			No	Same comment as for term #6 (Bulk-Power System) above re: need for qualifier to clarify that the Federal Power Act is a U.S. statute.
SDT response: Thank you for your comment. In response to your concerns, the drafting team removed the parenthetical containing the reference to the Federal Power Act.					

End of Report

Consideration of Comments
Term 41: Reliable Operation

Project Name: 2015-04 Alignment of Terms

Comment Period Start Date: 6/13/2015

Comment Period End Date: 7/27/2015

Associated Ballot: Term 41: Reliable Operation

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	N/A	1,3,5,6
Randi Heise	NERC Compliance Policy	N/A	1,3,5,6

Connie Lowe	NERC Compliance Policy	N/A	1,3,5,6
Louis Slade	NERC Compliance Policy	N/A	1,3,5,6
Chip Humphrey	Power Generation Compliance	N/A	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	N/A	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5

Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2

Ali Miremadi	CAISO	WECC	2

Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6

Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Question

Term 41: Reliable Operation (redline)

Reliable Operation:

Operating the elements of the bulk-power system [Bulk- Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements. (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)

The SDT is proposing revisions to the FERC-approved Glossary definition to clarify that defined terms contained in the definition narrative are not capitalized in order to maintain consistency with the Federal Power Act.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Based on the industry comments received, the drafting team has made the following errata changes (below is the balloted definition with a redline of the errata changes):

Reliable Operation:

Operating the elements of the ~~bulk-power system [~~Bulk Power System~~]~~ within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements. ~~(In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)~~

Explanation of errata changes:

In an attempt to provide clarity that the defined term "Bulk Power System" is consistent with the definition in the Federal Power Act, the drafting team originally included both the capitalized and lowercase form of the term. This is because the Federal Power Act does not capitalize the defined term; whereas, NERC uses capitalization to indicate a term has a defined meaning. Regardless of the capitalization, however, the important point is that the term is defined in the same manner in both the Federal Power Act and the NERC Glossary. A number of commenters believe that repeating the term introduces unnecessary complication and confusion. The drafting team therefore removed the lowercase use of the term and retained the capitalized form. Also, the team removed the parenthetical sentence that explained the reason for including the lowercase use of the term. Because the definition in the Federal Power Act and the NERC Glossary are the same, these changes do not alter the meaning or application of the definition, and thus, are not substantive in nature.

#	Commenter Organization	Segment	Group name	Y/N	Comment
1	John Fontenot –	1		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Bryan Texas Utilities				
SDT response:					
2	Kathy Caignon – City of Vineland	3		Yes	
SDT response:					
3	Emily Rousseau – MRO	1,2,3,4,5, 6	MRO-NERC Standards Review Forum (NSRF)	Yes	
SDT response:					
4	Leonard Kula – Independent Electricity System Operator	2		No	While we generally support the proposed revisions, we are unable to support the inclusion of the phrase "In order to remain consistent with the Federal Power Act," since there are entities such as the IESO that are not under FERC's jurisdiction. We propose to revise the note as follows: (In order to remain consistent with published regulatory documents, defined terms contained in this narrative are not capitalized.)
SDT response: The drafting team agrees to remove the parenthetical sentence that you take issue with. Please see above explanation regarding the errata changes made to the definition.					
5	Mary Claire Yatsko – Seminole Electric Cooperative, Inc.	1,3,4,5,6		No	NERC should delete all references to the Federal Power Act throughout these revisions and "re-capitalize" NERC defined terms within all of the definitions. Seminole's reasoning for this is that each term should have one reference only. For example, if NERC feels that the defined term "Facilities" does not encapsulate the meaning put forth by Congress of "facilities" in the Federal Power Act, then the drafting team should revise the definition for Facilities. Referencing both the Federal Power Act and the NERC Glossary can cause confusion where legislative background can be interpreted differently than NERC definition drafting team responses and notes.
SDT response: In an attempt to provide clarity that the defined term "Bulk Power System" is consistent with the definition in the Federal Power Act, the drafting team included both the capitalized and lowercase form of the term. This is because the Federal Power Act does not capitalize the defined term; whereas, NERC uses capitalization to indicate a term has a defined meaning. Regardless of the capitalization, however, the important point is that the term is defined in the same					

#	Commenter Organization	Segment	Group name	Y/N	Comment
manner in both the Federal Power Act and the NERC Glossary. A number of commenters believe that repeating the term introduces unnecessary complication and confusion. The drafting team therefore removed the lowercase use of the term and retained the capitalized form. Also, the team removed the parenthetical sentence that explained the reason for including the lowercase use of the term. Because the definition in the Federal Power Act and the NERC Glossary are the same, these changes do not alter the meaning or application of the definition, and thus, are not substantive in nature. Additionally, the drafting team notes that there should consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
6	John Seelke – PSEG	1,2,5,6	PSEG	Yes	
SDT response:					
7	Amy Casuscelli – Xcel Energy, Inc.	1,3,5,6		Yes	
SDT response:					
8	Thomas Foltz – AEP	5		Yes	
SDT response:					
9	Dennis Minton – Florida Keys Electric Cooperative Assoc.	1		Yes	
SDT response:					
10	Rob Collins –	1, 6, 5, 3		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co.				
SDT response:					
11	Louis Slade – Dominion Resources, Inc.	6	Dominion Resources, Inc.	No	Dominion believes that all terms which are defined in the NERC Glossary should be capitalized for consistency. We do not agree that an exception, so that consistency with the Federal Power Act, should be made. If this exception is accepted, what justification would be used for not being consistent with other regulatory statutes?
SDT response: In an attempt to provide clarity that the defined term "Bulk Power System" is consistent with the definition in the Federal Power Act, the drafting team included both the capitalized and lowercase form of the term. This is because the Federal Power Act does not capitalize the defined term; whereas, NERC uses capitalization to indicate a term has a defined meaning. Regardless of the capitalization, however, the important point is that the term is defined in the same manner in both the Federal Power Act and the NERC Glossary. A number of commenters believe that repeating the term introduces unnecessary complication and confusion. The drafting team therefore removed the lowercase use of the term and retained the capitalized form. Also, the team removed the parenthetical sentence that explained the reason for including the lowercase use of the term. Because the definition in the Federal Power Act and the NERC Glossary are the same, these changes do not alter the meaning or application of the definition, and thus, are not substantive in nature. Additionally, the drafting team notes that there should consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
12	Lee Pedowicz – Northeast Power Coordinating Council	10	NPCC--Project 2015-04	No	[1] There is the note in the definition of Bulk Power System (Question 2) that defined terms are not capitalized to be consistent with the Federal Power Act. In this definition, that same note is made, yet terms in capitals are added in brackets. There should be consistency.

#	Commenter Organization	Segment	Group name	Y/N	Comment
					[2] Cyber Security Incident should be capitalized and the words Cyber and Security should be separated as they are in the Glossary.

SDT response:
[1] In an attempt to provide clarity that the defined term "Bulk Power System" is consistent with the definition in the Federal Power Act, the drafting team included both the capitalized and lowercase form of the term. This is because the Federal Power Act does not capitalize the defined term; whereas, NERC uses capitalization to indicate a term has a defined meaning. Regardless of the capitalization, however, the important point is that the term is defined in the same manner in both the Federal Power Act and the NERC Glossary. A number of commenters believe that repeating the term introduces unnecessary complication and confusion. The drafting team therefore removed the lowercase use of the term and retained the capitalized form. Also, the team removed the parenthetical sentence that explained the reason for including the lowercase use of the term. Because the definition in the Federal Power Act and the NERC Glossary are the same, these changes do not alter the meaning or application of the definition, and thus, are not substantive in nature.

Additionally, the drafting team notes that there should consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.

[2] The term Cyber Security Incident is defined differently in the ROP than it is in the Glossary. However, as outlined in the "Proposed Revisions to Align Cross-Over Terms" document, the drafting team decided not to make alignment revisions to the definition. This is because the changes that would be necessary to align the terms would necessitate a large number of other changes that were outside the scope of the SAR for this project. However, the team provided its recommendations to NERC legal staff, and an effort was undertaken to revise the ROP to incorporate all changes necessary as a result of the Version 5 revisions. To review the proposed changes to the ROP, click here. As outlined above, during Phase 2 of this project, the drafting team will develop recommendations to address consistency issues, including consistency in capitalization.

13	Joe O'Brien – NiSource - Northern Indiana Public Service Co.	6		Yes	

SDT response:

14	Andrew Pusztai –	1		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	American Transmission Company, LLC				
SDT response:					
15	Matthew Beilfuss – WEC Energy Group, Inc.	3,4,5,6		No	The rationale to remain consistent with the FPA creates confusion when considering the definition of the term. It is well understood that capitalized terms in the glossary and other NERC documents refer to the glossary definition. By un-capitalizing the term it will be generally understood to not mean the NERC Glossary defined term, which is in contrast to the intent of the terms usage.
SDT response: In an attempt to provide clarity that the defined term "Bulk Power System" is consistent with the definition in the Federal Power Act, the drafting team included both the capitalized and lowercase form of the term. This is because the Federal Power Act does not capitalize the defined term; whereas, NERC uses capitalization to indicate a term has a defined meaning. Regardless of the capitalization, however, the important point is that the term is defined in the same manner in both the Federal Power Act and the NERC Glossary. A number of commenters believe that repeating the term introduces unnecessary complication and confusion. The drafting team therefore removed the lowercase use of the term and retained the capitalized form. Also, the team removed the parenthetical sentence that explained the reason for including the lowercase use of the term. Because the definition in the Federal Power Act and the NERC Glossary are the same, these changes do not alter the meaning or application of the definition, and thus, are not substantive in nature. Additionally, the drafting team notes that there should consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
16	Dennis Chastain – Tennessee Valley Authority	1,3,5,6		Yes	Given the statement in parenthesis at the end of the definition, we believe that retaining the capitalized term in brackets in the definition adds unnecessary clutter.
SDT response: In an attempt to provide clarity that the defined term "Bulk Power System" is consistent with the definition in the Federal Power Act, the drafting team included both the capitalized and lowercase form of the term. This is because the Federal Power Act does not capitalize the defined term; whereas, NERC uses					

#	Commenter Organization	Segment	Group name	Y/N	Comment
capitalization to indicate a term has a defined meaning. Regardless of the capitalization, however, the important point is that the term is defined in the same manner in both the Federal Power Act and the NERC Glossary. A number of commenters believe that repeating the term introduces unnecessary complication and confusion. The drafting team therefore removed the lowercase use of the term and retained the capitalized form. Also, the team removed the parenthetical sentence that explained the reason for including the lowercase use of the term. Because the definition in the Federal Power Act and the NERC Glossary are the same, these changes do not alter the meaning or application of the definition, and thus, are not substantive in nature.					
17	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
18	Kaleb Brimhall – Colorado Springs Utilities	5	Colorado Springs Utilities	Yes	We support the Comments Submitted by the Southwest Power Pool.
SDT response:					
19	Terry Bilke – Midcontinent ISO, Inc.	2		No	Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them. From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard. A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping

#	Commenter Organization	Segment	Group name	Y/N	Comment
					organizations for the same word or term. While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.
SDT response: Please see the drafting team response to your comment for Term 4: Blackstart Resource.					
20	John Allen – City Utilities of Springfield, Missouri	4		Yes	
SDT response:					
21	Jeremy Voll – Basin Electric Power Cooperative	3		Yes	
SDT response:					
22	Lee Schuster – Duke Energy	3		Yes	
SDT response:					
23	Si Truc Phan – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
24	Christina Bigelow – Electric Reliability Council of Texas, Inc.	2	IRC Standards Review Committee	No	The SRC generally supports the proposed revisions, but is unable to support the inclusion of the phrase "In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1]." The SRC notes that, since there are entities such as the IESO that are not under FERC's jurisdiction any revisions to the definition should respect the differing regulatory regimes in effect. The SRC suggests that this note be reworded as follows:

#	Commenter Organization	Segment	Group name	Y/N	Comment
					The term does not include facilities used in the local distribution of electric energy. (In order to remain consistent with applicable regulatory authorities, defined terms contained in this narrative are not capitalized.) Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning.
SDT response: In an attempt to provide clarity that the defined term "Bulk Power System" is consistent with the definition in the Federal Power Act, the drafting team included both the capitalized and lowercase form of the term. This is because the Federal Power Act does not capitalize the defined term; whereas, NERC uses capitalization to indicate a term has a defined meaning. Regardless of the capitalization, however, the important point is that the term is defined in the same manner in both the Federal Power Act and the NERC Glossary. A number of commenters believe that repeating the term introduces unnecessary complication and confusion. The drafting team therefore removed the lowercase use of the term and retained the capitalized form. Also, the team removed the parenthetical sentence that explained the reason for including the lowercase use of the term. Because the definition in the Federal Power Act and the NERC Glossary are the same, these changes do not alter the meaning or application of the definition, and thus, are not substantive in nature.					
25	Heather Morgan – EDP Renewables North America LLC	5		Yes	
SDT response:					
26	Shawna Speer – Colorado Springs Utilities	1		Yes	
SDT response:					
27	Linda Jacobson-Quinn – City of Farmington	3		Yes	
SDT response:					
28	Dan Wilson – PPL Electric Utilities Corporation	5		Yes	
SDT response:					
29	Yvonne McMackin – Public Utility District No. 2 of Grant County, Washington	4		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
SDT response:					
30	Michiko Sell – Public Utility District No. 2 of Grant County, Washington	1		Yes	
SDT response:					
31	Alex Ybarra – Public Utility District No. 2 of Grant County, Washington	5		Yes	
SDT response:					
32	Mike Smith – Manitoba Hydro	1		No	Proposed changes to 6 (Bulk-Power System), 40 (Reliability Standard) and 41 (Reliable Operation) relating to the Federal Power Act are not made consistently. Redlined added text referencing the Federal Power Act should be consistently written for #6, #40, #41. Bulk-Power System should appear consistently in the definitions of #6, #40, #41. Defined terms should be written consistently. If using "reliable operation [Reliable Operation]", should also use same approach "facilities [Facility(ies)]" for all other defined terms.
SDT response: In an attempt to provide clarity that the defined term "Bulk Power System" is consistent with the definition in the Federal Power Act, the drafting team included both the capitalized and lowercase form of the term. This is because the Federal Power Act does not capitalize the defined term; whereas, NERC uses capitalization to indicate a term has a defined meaning. Regardless of the capitalization, however, the important point is that the term is defined in the same manner in both the Federal Power Act and the NERC Glossary. A number of commenters believe that repeating the term introduces unnecessary complication and confusion. The drafting team therefore removed the lowercase use of the term and retained the capitalized form. Also, the team removed the parenthetical sentence that explained the reason for including the lowercase use of the term. Because the definition in the Federal Power Act and the NERC Glossary are the same, these changes do not alter the meaning or application of the definition, and thus, are not substantive in nature.					

#	Commenter Organization	Segment	Group name	Y/N	Comment
Additionally, the drafting team notes that there should consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
33	Andrew Gallo – Austin Energy	6		Yes	
SDT response:					
34	Rachel Coyne – Texas Reliability Entity, Inc.	10		Yes	In general, Texas RE recommends consistency with capitalization. Capitalization infers a term is defined in the Glossary and/or ROP.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
35	Yuguang Xiao – Manitoba Hydro	5		No	
SDT response:					
36	Chris Scanlon – Exelon	1	Exelon Utilities	Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
37	Martin Boisvert – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
38	Erika Doot – U.S. Bureau of Reclamation	5		Yes	
SDT response:					
39	Jason Smith – Southwest Power Pool, Inc. (RTO)	2	SPP Standards Review Group	Yes	There is continued question regarding the correct usage of the terms Bulk-Power System and Bulk-Electric System in both definitions, ROP, and the Functional Model. In Phase 2, effort should be made to ensure alignment is correct among these terms. We should not continue using the phrase Bulk-Power System in certain definitions just because that phrase was loosely used (and prior to the Bulk-Electric System definition work) in order 693.
SDT response: During the Phase 1 work, a number of questions were raised regarding inconsistent or improper usage of the terms Bulk Electric System (BES) and Bulk Power System (BPS). During Phase 2, the drafting team will consider recommending that an effort is undertaken to review and assess usage of the terms BES and BPS throughout the Reliability Standards, Glossary, and ROP to ensure proper usage and application given the particular context.					
40	Manon Paquet – On Behalf of: Roger Dufresne, Hydro-Quebec Production	1, 5		Yes	
SDT response:					
41	Robert A. Schaffeld – Southern Company - Southern Company Services, Inc.	1		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
42	Ben Engelby – ACES Power Marketing	6	ACES Standards Collaborators - Terms Project	No	There needs to be consistency with the use of brackets to signify Glossary/ROP terms that are intended to have the meaning of the definition in Section 215 of the Federal Power Act. The "Reliable Operation" definition uses brackets for the term [Bulk-Power System]. However, the "Bulk-Power System" definition does not use brackets and Glossary/ROP terms are lower case.
SDT response: In an attempt to provide clarity that the defined term "Bulk Power System" is consistent with the definition in the Federal Power Act, the drafting team included both the capitalized and lowercase form of the term. This is because the Federal Power Act does not capitalize the defined term; whereas, NERC uses capitalization to indicate a term has a defined meaning. Regardless of the capitalization, however, the important point is that the term is defined in the same manner in both the Federal Power Act and the NERC Glossary. A number of commenters believe that repeating the term introduces unnecessary complication and confusion. The drafting team therefore removed the lowercase use of the term and retained the capitalized form. Also, the team removed the parenthetical sentence that explained the reason for including the lowercase use of the term. Because the definition in the Federal Power Act and the NERC Glossary are the same, these changes do not alter the meaning or application of the definition, and thus, are not substantive in nature. Additionally, the drafting team notes that there should consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.				
43	Andy Bolivar – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
44	Kathleen Black – DTE Energy	3,4,5		Yes	
SDT response:					
45	Jennifer Losacco –	1		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	NextEra Energy - Florida Power and Light Co.				
SDT response:					
46	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
47	Tony Eddleman – Nebraska Public Power District	3		Yes	
SDT response:					
48	Bernard Johnson – Oglethorpe Power Corporation	5		Yes	
SDT response:					
49	Colby Bellville – Duke Energy	1,3,5,6	Duke Energy	No	[1] See Duke Energy's comment for Term 40, Reliability Standard. [2] Also, we suggest adding "NERC" and "(system and elements)" as shown below, to improve clarity. "Reliable Operation: Operating the elements of the bulk-power system [Bulk- Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements. (In order to remain consistent with the Federal Power Act, NERC defined terms (system and elements) contained in this narrative are not capitalized.)"
SDT response: In an attempt to provide clarity that the defined term "Bulk Power System" is consistent with the definition in the Federal Power Act, the drafting team included both the capitalized and lowercase form of the term. This is because the Federal Power Act does not capitalize the defined term; whereas, NERC					

#	Commenter Organization	Segment	Group name	Y/N	Comment
uses capitalization to indicate a term has a defined meaning. Regardless of the capitalization, however, the important point is that the term is defined in the same manner in both the Federal Power Act and the NERC Glossary. A number of commenters believe that repeating the term introduces unnecessary complication and confusion. The drafting team therefore removed the lowercase use of the term and retained the capitalized form. Also, the team removed the parenthetical sentence that explained the reason for including the lowercase use of the term. Because the definition in the Federal Power Act and the NERC Glossary are the same, these changes do not alter the meaning or application of the definition, and thus, are not substantive in nature.					
50	Andrea Jessup – Bonneville Power Administration	1,3,5,6		Yes	
SDT response:					
51	Patrick Brown - Canadian Electricity Association			No	Same comment as for term #6 (Bulk-Power System) and term #40 (Reliability Standard) above re: need for qualifier to clarify that the Federal Power Act is a U.S. statute.
SDT response: Thank you for your comment. In response to your concerns, the drafting team removed the parenthetical containing the reference to the Federal Power Act.					

End of Report

Consideration of Comments
Term 42: Reserve Sharing Group

Project Name: 2015-04 Alignment of Terms

Comment Period Start Date: 6/13/2015

Comment Period End Date: 7/27/2015

Associated Ballot: Term 42: Reserve Sharing Group

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	N/A	1,3,5,6
Randi Heise	NERC Compliance Policy	N/A	1,3,5,6

Connie Lowe	NERC Compliance Policy	N/A	1,3,5,6
Louis Slade	NERC Compliance Policy	N/A	1,3,5,6
Chip Humphrey	Power Generation Compliance	N/A	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	N/A	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5

Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2

Ali Miremadi	CAISO	WECC	2

Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6

Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Question

Term 42: Reserve Sharing Group (redline)

Reserve Sharing Group**:**
A group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (e.g., ten minutes). If the transaction is ramped in quicker (e.g., between zero and ten minutes) then, for the purposes of ~~Disturbance~~ disturbance ~~Control~~ control ~~Performance~~performance, the ~~Areas~~ areas become a Reserve Sharing Group.

The SDT is recommending changes to both the Glossary and ROP definitions. Specifically, the SDT is proposing to revise the Glossary definition by removing the capitalization for the terms "Disturbance Control Performance" and "Area" because these are not defined terms. (Note that Disturbance Control Standard and Disturbance are both defined terms). Also, in the ROP definition, the SDT is proposing removal of the unnecessary commas to align with the Glossary definition.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

#	Commenter Organization	Segment	Group name	Y/N	Comment
1	John Fontenot – Bryan Texas Utilities	1		Yes	
SDT response:					
2	Emily Rousseau – MRO	1,2,3,4,5, 6	MRO-NERC Standards Review Forum (NSRF)	Yes	
SDT response:					
3	Leonard Kula – Independent Electricity System Operator	2		Yes	
SDT response:					
4	Mary Claire Yatsko –	1,3,4,5,6		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Seminole Electric Cooperative, Inc.				
SDT response:					
5	John Seelke – PSEG	1,2,5,6 -	PSEG	Yes	
SDT response:					
6	Amy Casuscelli – Xcel Energy, Inc.	1,3,5,6		Yes	
SDT response:					
7	Thomas Foltz – AEP	5		Yes	
SDT response:					
8	Dennis Minton – Florida Keys Electric Cooperative Assoc.	1		Yes	
SDT response:					
9	Rob Collins – On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co.	1, 6, 5, 3		Yes	
SDT response:					
10	Louis Slade – Dominion Resources, Inc.	6	Dominion Resources, Inc.	Yes	
SDT response:					
11	Lee Pedowicz –	10	NPCC--Project 2015-04	No	Disturbance should be capitalized because it is a defined term in the NERC Glossary.

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Northeast Power Coordinating Council				
SDT response: Thank you for your comments. The drafting team did not believe the term "disturbance" was the stand-alone term within the definition of Reserve Sharing Group. The drafting team felt the term was "disturbance control performance" since this is the term utilized within the NERC Reliability Standard BAL-002. Therefore capitalization of "disturbance" would not convey the same intention as the term "disturbance control performance." To the extent that you believe "disturbance control performance" should be a defined term, the drafting team suggests submitting a SAR to address the issue.					
12	Joe O'Brien – NiSource - Northern Indiana Public Service Co.	6		Yes	
SDT response:					
13	Andrew Pusztai – American Transmission Company, LLC	1		Yes	
SDT response:					
14	Matthew Beilfuss – WEC Energy Group, Inc.	3,4,5,6		Yes	
SDT response:					
15	Dennis Chastain – Tennessee Valley Authority	1,3,5,6		No	For alignment purposes, we agree with the proposed change to the Glossary definition. [1] For form consistency with other entity type definitions contained in the Glossary, we recommend starting the definition with “An entity, consisting of two or more Balancing Authorities, that...” rather than “A group whose members consist of two or more Balancing Authorities that…”. [2] We also recommend capitalization of the terms “Operating Reserves”, “Contingencies”, and “Transaction” within the Reserve Sharing Group (RSG) definition because these terms are defined in the Glossary and we believe their usage in the RSG definition narrative is intended to have the meaning of the defined terms.

#	Commenter Organization	Segment	Group name	Y/N	Comment
SDT response: [1] Thank you for your comments. The drafting team agrees that, when possible, there should be consistency in sentence structure throughout the NERC defined terms. As part of Phase 2 of this project, the drafting team will develop recommendations to prevent future misalignment or inconsistencies in NERC defined terms. The drafting team will consider developing a recommendation related to the issue raised in your comments. The drafting team will provide its Phase 2 recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the recommendations. [2] The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
16	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
17	Kaleb Brimhall – Colorado Springs Utilities	5	Colorado Springs Utilities	Yes	We support the Comments Submitted by the Southwest Power Pool.
SDT response: Please see the drafting team response to comments submitted by the Southwest Power Pool.					
18	Terry Bilke – Midcontinent ISO, Inc.	2		No	Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them. From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes

#	Commenter Organization	Segment	Group name	Y/N	Comment
					imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard. A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term. While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.
SDT response: Please see the drafting team response to your comment for Term 4: Blackstart Resource.					
19	John Allen – City Utilities of Springfield, Missouri	4		No	See comments from SPP Standards Review Group.
SDT response:					
20	Jeremy Voll – Basin Electric Power Cooperative	3		Yes	
SDT response:					
21	Lee Schuster – Duke Energy	3		Yes	
SDT response:					
22	Si Truc Phan –	1		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Hydro-Quebec TransEnergie				
SDT response:					
23	Christina Bigelow – Electric Reliability Council of Texas, Inc.	2	IRC Standards Review Committee	Yes	
SDT response:					
24	Heather Morgan – EDP Renewables North America LLC	5		Yes	
SDT response:					
25	Shawna Speer – Colorado Springs Utilities	1		No	Reference the group comments - Colorado Springs Utilities
SDT response:					
26	Linda Jacobson-Quinn – City of Farmington	3		Yes	
SDT response:					
27	Dan Wilson – PPL Electric Utilities Corporation	5		Yes	
SDT response:					
28	Yvonne McMackin – Public Utility District No. 2 of Grant County, Washington	4		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
29	Michiko Sell – Public Utility District No. 2 of Grant County, Washington	1		Yes	
SDT response:					
30	Alex Ybarra – Public Utility District No. 2 of Grant County, Washington	5		Yes	
SDT response:					
31	Mike Smith – Manitoba Hydro	1		Yes	
SDT response:					
32	Andrew Gallo – Austin Energy	6		Yes	
SDT response:					
33	Rachel Coyne – Texas Reliability Entity, Inc.	10		Yes	
SDT response:					
34	Yuguang Xiao – Manitoba Hydro	5		Yes	
SDT response:					
35	Chris Scanlon – Exelon	1	Exelon Utilities	Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
36	Martin Boisvert – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
37	Erika Doot – U.S. Bureau of Reclamation	5		Yes	
SDT response:					
38	Jason Smith – Southwest Power Pool, Inc. (RTO)	2	SPP Standards Review Group	No	[1] We disagree with the removal of the capitalization on Disturbance in the definition. Removing the capitalization opens up the applicability to disturbances that are not bound by the clarifications afforded by using the defined term. [2] Also, the terms Operating Reserve, Contingency, Transaction, and Ramp are defined terms and should be reviewed for capitalization in the definition in Phase 2.
SDT response: [1] Thank you for your comments. The drafting team did not believe the term "disturbance" was the stand-alone term within the definition of Reserve Sharing Group. The drafting team felt the term was "disturbance control performance" since this is the term utilized within the NERC Reliability Standard BAL-002. Therefore capitalization of "disturbance" would not convey the same intention as the term "disturbance control performance." To the extent that you believe "disturbance control performance" should be a defined term, you might consider submitting a SAR outlining the issues and your proposed recommendations for resolving those issues. [2] The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
39	Manon Paquet –	1, 5		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	On Behalf of: Roger Dufresne, Hydro-Quebec Production				
SDT response:					
40	Robert A. Schaffeld – Southern Company - Southern Company Services, Inc.	1		Yes	
SDT response:					
41	Ben Engelby – ACES Power Marketing	6	ACES Standards Collaborators - Terms Project	No	[1] "Operating Reserves," "Contingency," "Transaction," and "Ramp" are defined terms and the drafting team should consider if the terms should be capitalized. [2] The drafting team should consider replacing "disturbance control performance" with "Disturbance Control Standard" in both the Glossary and ROP.
SDT response: [1] The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations. [2] Your proposed revisions are outside of the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. For the term Reserve Sharing Group, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. If you believe revisions should be made to improve the definition of Reserve Sharing Group, the drafting team suggests submitting a Standards Authorization Request (SAR) outlining any perceived issues or proposed revisions to the definition. Also, the drafting team notes that Project 2010-14.1 is currently ongoing and it is suggested that the commenter submit these recommendations to that drafting team.				
42	Andy Bolivar – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
43	Kathleen Black – DTE Energy	3,4,5		Yes	
SDT response:					
44	Jennifer Losacco – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
45	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
46	Tony Eddleman – Nebraska Public Power District	3		No	I support SPP comments.
SDT response:					
47	Bernard Johnson – Oglethorpe Power Corporation	5		Yes	
SDT response:					
48	Colby Bellville – Duke Energy	1,3,5,6	Duke Energy	Yes	Duke Energy suggests capitalizing the term "Operating Reserve", as it is currently a defined term.
SDT response: The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					

#	Commenter Organization	Segment	Group name	Y/N	Comment
49	Andrea Jessup – Bonneville Power Administration	1,3,5,6		Yes	
SDT response:					

End of Report

Consideration of Comments
Term 43: Resource Planner

Project Name: 2015-04 Alignment of Terms
Comment Period Start Date: 6/13/2015
Comment Period End Date: 7/27/2015
Associated Ballot: Term 43: Resource Planner

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	N/A	1,3,5,6
Randi Heise	NERC Compliance Policy	N/A	1,3,5,6

Connie Lowe	NERC Compliance Policy	N/A	1,3,5,6
Louis Slade	NERC Compliance Policy	N/A	1,3,5,6
Chip Humphrey	Power Generation Compliance	N/A	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	N/A	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5

Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2

Ali Miremadi	CAISO	WECC	2

Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6

Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Question

Term 43: Resource Planner (redline)

Resource Planner:
The entity that develops a long-term (generally one year and beyond) plan for the resource adequacy of specific loads (customer demand and energy requirements) within a Planning Authority ~~Area~~area.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to remove the capitalization from the term "Area" because it is not a defined term in Glossary or the ROP.

Do you agree with the proposed Glossary definition revision to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

#	Commenter Organization	Segment	Group name	Y/N	Comment
1	John Fontenot – Bryan Texas Utilities	1		Yes	
SDT response:					
2	Emily Rousseau – MRO	1,2,3,4,5, 6	MRO-NERC Standards Review Forum (NSRF)	Yes	
SDT response:					
3	Leonard Kula – Independent Electricity System Operator	2		Yes	
SDT response:					
4	Mary Claire Yatsko – Seminole Electric Cooperative, Inc.	1,3,4,5,6		Yes	
SDT response:					
5	John Seelke –	1,2,5,6	PSEG	Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	PSEG				
SDT response:					
6	Amy Casuscelli – Xcel Energy, Inc.	1,3,5,6		Yes	
SDT response:					
7	Thomas Foltz – AEP	5		Yes	
SDT response:					
8	Dennis Minton – Florida Keys Electric Cooperative Assoc.	1		Yes	
SDT response:					
9	Rob Collins – On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co.	1, 6, 5, 3		Yes	
SDT response:					
10	Louis Slade – Dominion Resources, Inc.	6	Dominion Resources, Inc.	Yes	
SDT response:					
11	Lee Pedowicz – Northeast Power Coordinating Council	10	NPCC--Project 2015-04	No	Loads should be capitalized.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the					

#	Commenter Organization	Segment	Group name	Y/N	Comment
ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
12	Joe O'Brien – NiSource - Northern Indiana Public Service Co.	6		Yes	
SDT response:					
13	Andrew Pusztai – American Transmission Company, LLC	1		Yes	
SDT response:					
14	Matthew Beilfuss – WEC Energy Group, Inc.	3,4,5,6		Yes	
SDT response:					
15	Dennis Chastain – Tennessee Valley Authority	1,3,5,6		Yes	For alignment purposes, we agree with the proposed change to the Glossary definition. [1] We also recommend capitalization of the terms “Adequacy”, “Loads”, and “Demand” within the Resource Planner (RP) definition because these terms are defined in the Glossary and we believe their usage in the RP definition narrative is intended to have the meaning of the defined terms. [2] While perhaps beyond the scope of this project, we also believe the definition should be modified to say “within a Balancing Authority Area or Planning Authority area.”
SDT response: [1] Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because					

#	Commenter Organization	Segment	Group name	Y/N	Comment
it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations. [2] The drafting team agrees that the proposed revisions are outside the scope of this project. To the extent that you believe the issues identified in your comments should be addressed by a development project, the drafting team encourages you to submit a SAR outlining the issues and your proposed recommendations for resolving those issues.					
16	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
17	Kaleb Brimhall – Colorado Springs Utilities	5	Colorado Springs Utilities	No	We support the Comments Submitted by the Southwest Power Pool.
SDT response: Please see the drafting team response to comments submitted by the Southwest Power Pool.					
18	Terry Bilke – Midcontinent ISO, Inc.	2		No	Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them. From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard.

#	Commenter Organization	Segment	Group name	Y/N	Comment
					A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term. While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.
SDT response: Please see the drafting team response to your comment for Term 4: Blackstart Resource.					
19	John Allen – City Utilities of Springfield, Missouri	4		No	See comments from SPP Standards Review Group.
SDT response:					
20	Jeremy Voll – Basin Electric Power Cooperative	3		Yes	
SDT response:					
21	Lee Schuster – Duke Energy	3		Yes	
SDT response:					
22	Si Truc Phan – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
23	Christina Bigelow –	2	IRC Standards Review Committee	Yes	The SRC has previously commented that there needs to be total consistency between all fundamental documents within NERC. Thus, while it does not

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Electric Reliability Council of Texas, Inc.				disagree with the proposed changes, it recommends that the SDT take this opportunity to also synchronize this definition with the Functional Model.
SDT response: Thank you for your comments; however, modifications to the Functional Model fall outside the permissible scope of the work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
24	Heather Morgan – EDP Renewables North America LLC	5		Yes	
SDT response:					
25	Shawna Speer – Colorado Springs Utilities	1		No	Reference the group comments - Colorado Springs Utilities.
SDT response:					
26	Linda Jacobson-Quinn – City of Farmington	3		Yes	
SDT response:					
27	Dan Wilson – PPL Electric Utilities Corporation	5		Yes	
SDT response:					
28	Yvonne McMackin – Public Utility District No. 2 of Grant County, Washington	4		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
29	Michiko Sell – Public Utility District No. 2 of Grant County, Washington	1		Yes	
SDT response:					
30	Alex Ybarra – Public Utility District No. 2 of Grant County, Washington	5		Yes	
SDT response:					
31	Mike Smith – Manitoba Hydro	1		Yes	
SDT response:					
32	Andrew Gallo – Austin Energy	6		Yes	
SDT response:					
33	Rachel Coyne – Texas Reliability Entity, Inc.	10		Yes	
SDT response:					
34	Yuguang Xiao – Manitoba Hydro	5		Yes	
SDT response:					
35	Chris Scanlon – Exelon	1	Exelon Utilities	Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
36	Martin Boisvert – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
37	Erika Doot – U.S. Bureau of Reclamation	5		Yes	
SDT response:					
38	Jason Smith – Southwest Power Pool, Inc. (RTO)	2	SPP Standards Review Group	No	[1] The use of the term 'Planning Authority' should be discontinued and replaced with Planning Coordinator to be consistent with the Functional Model. Planning Authority no longer exists as an entity in the Functional Model. See comment on the definition for Planning Authority above. [2] Also, in a future Phase, a SAR and new definition should be created to define Planning Coordinator Area so there is consistency with the terms Balancing Authority Area, Transmission Operator Area, and Reliability Coordinator Area. See previous comments on Planning Authority definition. Planning Coordinator Area is a term used within FAC-013-2 and FAC-014-2 for example but has no definition.
SDT response: [1] Your proposed revisions are outside of the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. For the term Resource Planner, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. If you believe revisions should be made to improve the definition of Resource Planner, Planning Authority or Planning Coordinator, the drafting team suggests submitting a Standards Authorization Request (SAR) outlining any perceived issues or proposed revisions to the definition or Reliability Standards. [2] Thank you for your comments; however, the drafting team did not identify "Planning Authority Area" as one of the terms for which it will develop a SAR. To the extent that you believe the issues identified in your comments should be addressed by a development project, the drafting team encourages you to submit a SAR outlining the issues and your proposed recommendations for resolving those issues.					
39	Manon Paquet –	1, 5		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	On Behalf of: Roger Dufresne, Hydro-Quebec Production				
SDT response:					
40	Robert A. Schaffeld – Southern Company - Southern Company Services, Inc.	1		Yes	
SDT response:					
41	Ben Engelby – ACES Power Marketing	6	ACES Standards Collaborators - Terms Project	No	"Adequacy," "Load," and "Demand" are defined terms and the drafting team should consider if they should be capitalized.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
42	Andy Bolivar – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
43	Kathleen Black – DTE Energy	3,4,5		Yes	
SDT response:					
44	Jennifer Losacco –	1		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	NextEra Energy - Florida Power and Light Co.				
SDT response:					
45	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
46	Tony Eddleman – Nebraska Public Power District	3		Yes	
SDT response:					
47	Bernard Johnson – Oglethorpe Power Corporation	5		Yes	
SDT response:					
48	Colby Bellville – Duke Energy	1,3,5,6	Duke Energy	Yes	
SDT response:					
49	Andrea Jessup – Bonneville Power Administration	1,3,5,6		Yes	
SDT response:					

End of Report

Consideration of Comments

Term 48: System Operating Limit

Project Name: 2015-04 Alignment of Terms

Comment Period Start Date: 6/13/2015

Comment Period End Date: 7/27/2015

Associated Ballot: Term 48: System Operating Limit

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	N/A	1,3,5,6
Randi Heise	NERC Compliance Policy	N/A	1,3,5,6

Connie Lowe	NERC Compliance Policy	N/A	1,3,5,6
Louis Slade	NERC Compliance Policy	N/A	1,3,5,6
Chip Humphrey	Power Generation Compliance	N/A	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	N/A	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5

Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2

Ali Miremadi	CAISO	WECC	2

Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6

Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Question

Term 48: System Operating Limit (redline)

System Operating Limit**:**

The value (such as MW, MVar, ~~A~~amperes, ~~Frequency~~ frequency or ~~Volts~~volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to:

- Facility Ratings (~~Applicable~~ applicable pre- and post-Contingency ~~equipment~~ Equipment Ratings or ~~facility~~ Facility ~~ratings~~Ratings)
- T~~ransient~~ transient ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Stability~~ stability ~~Limits~~limits)
- V~~oltage~~ voltage ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Stability~~stability)
- S~~ystem~~ system ~~Voltage~~ voltage ~~Limits~~ limits (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Limits~~limits)

The SDT is proposing revisions to the Glossary definition. Specifically, the SDT is proposing to revise the Glossary definition to lowercase those terms that are not defined terms, and thus, should not be capitalized in the definition narrative.

Do you agree with the proposed Glossary definition revisions? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

Based on the industry comments received, the drafting team has made the following errata change (below is the balloted definition with a redline of the errata changes):

System Operating Limit**:**

The value (such as MW, ~~MVar~~Mvar, amperes, frequency or volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to:

- Facility Ratings (applicable pre- and post-Contingency Equipment Ratings or Facility Ratings)
- transient stability ratings (applicable pre- and post-Contingency stability limits)
- voltage stability ratings (applicable pre- and post-Contingency voltage stability)
- system voltage limits (applicable pre- and post-Contingency voltage limits)

Explanation of errata change:
The drafting team made an alignment revision by changing "MVar" to "Mvar." This change aligns the Glossary definition with the ROP definition. The capitalization change is an errata change, not a substantive change.

#	Commenter Organization	Segment	Group name	Y/N	Comment
1	John Fontenot – Bryan Texas Utilities	1		Yes	
SDT response:					
2	Emily Rousseau – MRO	1,2,3,4,5, 6	MRO-NERC Standards Review Forum (NSRF)	Yes	
SDT response:					
3	Leonard Kula – Independent Electricity System Operator	2		Yes	
SDT response:					
4	Mary Claire Yatsko – Seminole Electric Cooperative, Inc.	1,3,4,5,6		Yes	
SDT response:					
5	John Seelke – PSEG	1,2,5,6	PSEG	Yes	
SDT response:					
6	Amy Casuscelli – Xcel Energy, Inc.	1,3,5,6		Yes	
SDT response:					
7	Thomas Foltz –	5		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	AEP				
SDT response:					
8	Dennis Minton – Florida Keys Electric Cooperative Assoc.	1		Yes	
SDT response:					
9	Rob Collins – On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co.	1, 6, 5, 3		Yes	
SDT response:					
10	Louis Slade – Dominion Resources, Inc.	6	Dominion Resources, Inc.	Yes	
SDT response:					
11	Lee Pedowicz – Northeast Power Coordinating Council	10	NPCC--Project 2015-04	No	"Facility Ratings" and "Equipment Ratings" should be capitalized in the Rules of Procedure to match the Glossary.
SDT response: The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions. The terms "Facility Ratings" and "Equipment Ratings" are not defined terms in the ROP, and therefore the drafting team did not make these capitalization revisions to the ROP definition. As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
12	Joe O'Brien – NiSource - Northern Indiana Public Service Co.	6		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
SDT response:					
13	Andrew Pusztai – American Transmission Company, LLC	1		Yes	
SDT response:					
14	Matthew Beilfuss – WEC Energy Group, Inc.	3,4,5,6		Yes	
SDT response:					
15	Dennis Chastain – Tennessee Valley Authority	1,3,5,6		Yes	For alignment purposes, we agree with the proposed change to the Glossary definition. [1] We also recommend changing "MVar" to "MVAr". [2] The following suggestions may be beyond the scope of this project: 1) consider adding "MVA" to the examples of measured values contained in the first parenthetical; 2) consider removing "Equipment Ratings" from the first bulleted item. By definition, a Facility Rating should take into consideration the most limiting Equipment Rating of any equipment comprising the Facility. We also support the recommendation made by the Project 2015-03 Standard Drafting Team that a "FAC standards project develop revisions to the SOL definition and develop a new defined term for SOL Exceedance".
SDT response: [1] The drafting team agrees with this alignment revision, and the suggested errata change was incorporated into the Glossary definition. [2] As noted in your comment, your proposed revisions are outside the scope of this project. To the extent that you believe the issues identified in your comments should be addressed by a development project, the drafting team encourages you to submit a SAR outlining the issues and your proposed recommendations for resolving those issues.					
16	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
17	Kaleb Brimhall – Colorado Springs Utilities	5	Colorado Springs Utilities	Yes	We support the Comments Submitted by the Southwest Power Pool.
SDT response: Please see the drafting team response to comments submitted by the Southwest Power Pool.					
18	Terry Bilke – Midcontinent ISO, Inc.	2		No	Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them. From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard. A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term. While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.
SDT response: Please see the drafting team response to your comment for Term 4: Blackstart Resource.					
19	John Allen –	4		Yes	See comments from SPP Standards Review Group.

#	Commenter Organization	Segment	Group name	Y/N	Comment
	City Utilities of Springfield, Missouri				
SDT response:					
20	Jeremy Voll – Basin Electric Power Cooperative	3		Yes	
SDT response:					
21	Lee Schuster – Duke Energy	3		Yes	
SDT response:					
22	Si Truc Phan – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
23	Christina Bigelow – Electric Reliability Council of Texas, Inc.	2	IRC Standards Review Committee	Yes	
SDT response:					
24	Heather Morgan – EDP Renewables North America LLC	5		Yes	
SDT response:					
25	Shawna Speer – Colorado Springs Utilities	1		Yes	
SDT response:					
26	Linda Jacobson-Quinn –	3		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	City of Farmington				
SDT response:					
27	Dan Wilson – PPL Electric Utilities Corporation	5		Yes	
SDT response:					
28	Yvonne McMackin – Public Utility District No. 2 of Grant County, Washington	4		Yes	
SDT response:					
29	Michiko Sell – Public Utility District No. 2 of Grant County, Washington	1		Yes	
SDT response:					
30	Alex Ybarra – Public Utility District No. 2 of Grant County, Washington	5		Yes	
SDT response:					
31	Mike Smith – Manitoba Hydro	1		Yes	
SDT response:					
32	Andrew Gallo – Austin Energy	6		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
33	Rachel Coyne – Texas Reliability Entity, Inc.	10		Yes	[1] Texas RE noticed inconsistency in capitalization (Facility Ratings/Equipment Ratings) in the ROP definition. [2] In general, Texas RE recommends consistency with capitalization. Capitalization infers a term is defined in the Glossary and/or ROP.
SDT response: [1] Please see the NERC response to ROP comments, which address all comments received for proposed revisions to the ROP definitions. [2] The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
34	Yuguang Xiao – Manitoba Hydro	5		Yes	
SDT response:					
35	Chris Scanlon – Exelon	1	Exelon Utilities	Yes	
SDT response:					
36	Martin Boisvert – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
37	Erika Doot – U.S. Bureau of Reclamation	5		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
SDT response:					
38	Jason Smith – Southwest Power Pool, Inc. (RTO)	2	SPP Standards Review Group	Yes	We agree with the proposed capitalization changes. We also wish to stress that future phases need to coordinate with future FAC SDT Projects in order to align any future revisions to this definition.
SDT response: Thank you for your comments. The drafting team agrees that future phases should coordinate with ongoing development projects to ensure that Glossary and ROP definitions are developed in alignment.					
39	Manon Paquet – On Behalf of: Roger Dufresne, Hydro-Quebec Production	1, 5		Yes	
SDT response:					
40	Robert A. Schaffeld – Southern Company - Southern Company Services, Inc.	1		Yes	
SDT response:					
41	Ben Engelby – ACES Power Marketing	6	ACES Standards Collaborators - Terms Project	No	The drafting team should consider the proposed changes to the definition of "System Operating Limit" in Project 2014-03. This definition may need to be postponed to accommodate for the work being done by the other drafting team.
SDT response: Thank you for your comments. The drafting team agrees that future phases should coordinate with ongoing development projects to ensure that Glossary and ROP definitions are developed in alignment.					
42	Andy Bolivar – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
43	Kathleen Black – DTE Energy	3,4,5		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
44	Jennifer Losacco – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
45	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
46	Tony Eddleman – Nebraska Public Power District	3		Yes	
SDT response:					
47	Bernard Johnson – Oglethorpe Power Corporation	5		No	
SDT response:					
48	Colby Bellville – Duke Energy	1,3,5,6	Duke Energy	Yes	
SDT response:					
49	Andrea Jessup – Bonneville Power Administration	1,3,5,6		Yes	
SDT response:					
50	Jennifer Wright - San Diego Gas & Electric	1		No	SDG&E recommends adding "or angle" to the parenthetical in Term 48, System Operating Limits: "(such as MW, MVar, amperes, frequency, volts or angle)." Synchro phasors provide angle and angle difference. Angle values can also be used as an SOL. In fact, angles may be a better value to monitor (than MW) when

#	Commenter Organization	Segment	Group name	Y/N	Comment
					trying to determine SOLs for transient stability issues. Synchro phasors are proliferating quickly. The addition of the angle as an SOL value will open the door to allow the use of synchro phasors for system monitoring purposes.
SDT response: Thank you for your comments; however, the proposed revisions fall outside the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. To the extent that you believe the issues identified in your comments should be addressed by a development project, the drafting team encourages you to submit a SAR outlining the issues and your proposed recommendations for resolving those issues.					
51	Jason Snodgrass - Georgia Transmission Corporation	1		No	GTC agrees that the SOL definition as it stands is ambiguous and can lead to confusion. However, the proposed definition seems to equate reliability limits with SOLs which would make identification of SOLs unnecessary. SOLs should be identified as a necessary means to remain within applicable reliability limits for certain events specified by TPL-001-4. GTC does not recommend for the SOL definition simply be defined as facility ratings, voltage limits, transient stability ratings, or voltage stability ratings as proposed. The SOL definition should be related to corrective action for certain system configurations/conditions (as specified in TPL-001-4) where curtailment of firm service is necessary to avoid exceeding applicable reliability ratings. For example, an event specified by TPL-001-4 results in a generator's output being curtailed to avoid violating an applicable reliability limit, the amount the generator is being curtailed would be classified as an SOL. For this example, the SOL could occur in the operations or planning horizon.
SDT response: Thank you for your comments; however, the proposed revisions fall outside the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. To the extent that you believe the issues identified in your comments should be addressed by a development project, the drafting team encourages you to submit a SAR outlining the issues and your proposed recommendations for resolving those issues.					

End of Report

Consideration of Comments
Term 49: Transmission Customer

Project Name: 2015-04 Alignment of Terms

Comment Period Start Date: 6/13/2015

Comment Period End Date: 7/27/2015

Associated Ballot: Term 49: Transmission Customer

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	N/A	1,3,5,6
Randi Heise	NERC Compliance Policy	N/A	1,3,5,6

Connie Lowe	NERC Compliance Policy	N/A	1,3,5,6
Louis Slade	NERC Compliance Policy	N/A	1,3,5,6
Chip Humphrey	Power Generation Compliance	N/A	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	N/A	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5

Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2

Ali Miremadi	CAISO	WECC	2

Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6

Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Question

Term 49: Transmission Customer (redline)

Transmission Customer:

1. Any eligible customer (or its designated agent) that can or does execute a ~~transmission~~ Transmission ~~service~~ Service agreement or can or does receive ~~transmission~~ Transmission ~~service~~Service.
2. Any of the following ~~responsible~~ entities: Generator Owner, Load-Serving Entity, or Purchasing-Selling Entity.

The SDT is recommending the following changes:

(1) Revise the Glossary definition to capitalize the term "Transmission Service" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term.

(2) Remove the word "responsible" to align with the ROP definition. The word "responsible" was originally included in the ROP definition, but was recently removed by the Risk-Based Registration project. The Glossary should be updated to reflect these recent changes.

Do you agree with the proposed Glossary definition revisions to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

#	Commenter Organization	Segment	Group name	Y/N	Comment
1	John Fontenot – Bryan Texas Utilities	1		Yes	
SDT response:					
2	Emily Rousseau – MRO	1,2,3,4,5, 6	MRO-NERC Standards Review Forum (NSRF)	Yes	
SDT response:					
3	Leonard Kula – Independent Electricity System Operator	2		Yes	
SDT response:					
4	Mary Claire Yatsko –	1,3,4,5,6		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Seminole Electric Cooperative, Inc.				
SDT response:					
5	John Seelke – PSEG	1,2,5,6	PSEG	Yes	
SDT response:					
6	Amy Casuscelli – Xcel Energy, Inc.	1,3,5,6		Yes	
SDT response:					
7	Thomas Foltz – AEP	5		Yes	
SDT response:					
8	Dennis Minton – Florida Keys Electric Cooperative Assoc.	1		Yes	
SDT response:					
9	Rob Collins – On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co.	1, 6, 5, 3		Yes	
SDT response:					
10	Louis Slade – Dominion Resources, Inc.	6	Dominion Resources, Inc.	Yes	
SDT response:					
11	Lee Pedowicz –	10	NPCC--Project 2015-04	Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Northeast Power Coordinating Council				
SDT response:					
12	Joe O'Brien – NiSource - Northern Indiana Public Service Co.	6		Yes	
SDT response:					
13	Andrew Pusztai – American Transmission Company, LLC	1		Yes	
SDT response:					
14	Matthew Beilfuss – WEC Energy Group, Inc.	3,4,5,6		Yes	
SDT response:					
15	Dennis Chastain – Tennessee Valley Authority	1,3,5,6		Yes	For alignment purposes, we agree with the proposed change to the Glossary definition. With the approval of the removal of the PSE entity from the NERC Compliance Registry, and the pending consideration of removal of the LSE function, it seems this definition should undergo further review that is perhaps beyond the scope of this Project.
SDT response: Thank you for your comment; however, as acknowledged in your comment, revising the definition to remove references to Load-Serving Entity and Purchase-Selling Entity is outside the scope of work for this project. The drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. Other than alignment revisions, the drafting team was not at liberty to revise the definitions. For the term Transmission Customer, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. The drafting team notes that although the Risk-Based Registration initiative removed Load-Serving Entity and Purchase-Selling Entity from the NERC Compliance Registry, as explained in further detail in the RBR Petition and Compliance Filing, the two terms nevertheless remain in several Reliability Standards that are active, pending, or subject to future enforcement. While any Reliability Standard requirement that references an entity proposed for deactivation will be moot and not					

#	Commenter Organization	Segment	Group name	Y/N	Comment
enforceable with respect to that entity (see RBR Petition at 20), it is not appropriate to remove these defined terms from the NERC Glossary until the defined terms are in fact no longer used in the Reliability Standards. During phase 1 of this project, a number of commenters raised concerns regarding possible revisions that are needed for the Glossary and/or Reliability Standards as a result of the Risk-Based Registration Initiative. As part of Phase 2 of this project, the team will consider whether a recommendation to the SC is needed to address the various concerns raised by commenters.					
16	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
17	Kaleb Brimhall – Colorado Springs Utilities	5	Colorado Springs Utilities	Yes	We support the Comments Submitted by the Southwest Power Pool.
SDT response: Please see the drafting team response to comments submitted by the Southwest Power Pool.					
18	Terry Bilke – Midcontinent ISO, Inc.	2		No	Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them. From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard. A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different

#	Commenter Organization	Segment	Group name	Y/N	Comment
					definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term. While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.
SDT response: Please see the drafting team response to your comment for Term 4: Blackstart Resource.					
19	John Allen – City Utilities of Springfield, Missouri	4		No	See comments from SPP Standards Review Group.
SDT response:					
20	Jeremy Voll – Basin Electric Power Cooperative	3		Yes	
SDT response:					
21	Lee Schuster – Duke Energy	3		Yes	
SDT response:					
22	Si Truc Phan – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
23	Christina Bigelow – Electric Reliability Council of Texas, Inc.	2	IRC Standards Review Committee	Yes	
SDT response:					
24	Heather Morgan –	5		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	EDP Renewables North America LLC				
SDT response:					
25	Shawna Speer – Colorado Springs Utilities	1		No	Reference the group comments - Colorado Springs Utilities.
SDT response:					
26	Linda Jacobson-Quinn – City of Farmington	3		Yes	
SDT response:					
27	Dan Wilson – PPL Electric Utilities Corporation	5		Yes	
SDT response:					
28	Yvonne McMackin – Public Utility District No. 2 of Grant County, Washington	4		Yes	
SDT response:					
29	Michiko Sell – Public Utility District No. 2 of Grant County, Washington	1		Yes	
SDT response:					
30	Alex Ybarra – Public Utility District No. 2 of Grant County, Washington	5		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
31	Mike Smith – Manitoba Hydro	1		Yes	
SDT response:					
32	Andrew Gallo – Austin Energy	6		Yes	
SDT response:					
33	Rachel Coyne – Texas Reliability Entity, Inc.	10		Yes	
SDT response:					
34	Yuguang Xiao – Manitoba Hydro	5		No	
SDT response:					
35	Chris Scanlon – Exelon	1	Exelon Utilities	Yes	
SDT response:					
36	Martin Boisvert – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
37	Erika Doot – U.S. Bureau of Reclamation	5		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
38	Jason Smith – Southwest Power Pool, Inc. (RTO)	2	SPP Standards Review Group	No	The term 'Purchasing-Selling Entity' has been retired from the NERC Reliability Functional Model and should be removed from the definition. Future retirement of the term Load-Serving Entity from the NERC Reliability Functional Model and NERC Glossary may require a future change.
SDT response: Thank you for your comment; however, revising the definition to remove references to Load-Serving Entity and/or Purchase-Selling Entity is outside the scope of work for this project. The drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. Other than alignment revisions, the drafting team was not at liberty to revise the definitions. For the term Transmission Customer, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. The drafting team notes that although the Risk-Based Registration initiative removed Load-Serving Entity and Purchase-Selling Entity from the NERC Compliance Registry, as explained in further detail in the RBR Petition and Compliance Filing, the two terms nevertheless remain in several Reliability Standards that are active, pending, or subject to future enforcement. While any Reliability Standard requirement that references an entity proposed for deactivation will be moot and not enforceable with respect to that entity (see RBR Petition at 20), it is not appropriate to remove these defined terms from the NERC Glossary until the defined terms are in fact no longer used in the Reliability Standards. During phase 1 of this project, a number of commenters raised concerns regarding possible revisions that are needed for the Glossary and/or Reliability Standards as a result of the Risk-Based Registration Initiative. As part of Phase 2 of this project, the team will consider whether a recommendation to the SC is needed to address the various concerns raised by commenters.				
39	Manon Paquet – On Behalf of: Roger Dufresne, Hydro-Quebec Production	1, 5		Yes	
SDT response:					
40	Robert A. Schaffeld – Southern Company - Southern Company Services, Inc.	1		Yes	
SDT response:					
41	Ben Engelby – ACES Power Marketing	6	ACES Standards Collaborators - Terms Project	No	We recommend removing the Purchasing-Selling Entity from the definition, as this is no longer a registered function (effective March 19, 2015). The proposed revisions to "Transmission Customer" may need to be postponed until there is

#	Commenter Organization	Segment	Group name	Y/N	Comment
					certainty regarding the outcome of the retirement of the LSE. If both the LSE and PSE retire, the second bullet would result in only a GO being a responsible entity.
SDT response: Thank you for your comment; however, revising the definition to remove references to Load-Serving Entity and/or Purchase-Selling Entity is outside the scope of work for this project. The drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. Other than alignment revisions, the drafting team was not at liberty to revise the definitions. For the term Transmission Customer, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. The drafting team notes that although the Risk-Based Registration initiative removed Load-Serving Entity and Purchase-Selling Entity from the NERC Compliance Registry, as explained in further detail in the RBR Petition and Compliance Filing, the two terms nevertheless remain in several Reliability Standards that are active, pending, or subject to future enforcement. While any Reliability Standard requirement that references an entity proposed for deactivation will be moot and not enforceable with respect to that entity (see RBR Petition at 20), it is not appropriate to remove these defined terms from the NERC Glossary until the defined terms are in fact no longer used in the Reliability Standards. During phase 1 of this project, a number of commenters raised concerns regarding possible revisions that are needed for the Glossary and/or Reliability Standards as a result of the Risk-Based Registration Initiative. As part of Phase 2 of this project, the team will consider whether a recommendation to the SC is needed to address the various concerns raised by commenters.					
42	Andy Bolivar – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
43	Kathleen Black – DTE Energy	3,4,5		Yes	
SDT response:					
44	Jennifer Losacco – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
45	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
46	Tony Eddleman – Nebraska Public Power District	3		Yes	
SDT response:					
47	Bernard Johnson – Oglethorpe Power Corporation	5		Yes	
SDT response:					
48	Colby Bellville – Duke Energy	1,3,5,6	Duke Energy	Yes	Duke Energy suggests the drafting team consider whether the inclusion of the Purchasing-Selling Entity should be removed in light of FERC approval regarding Risk Based Registration. The same could be said for the use of the term Load Serving Entity as well, depending on a ruling from FERC.
SDT response: Thank you for your comment; however, revising the definition to remove references to Load-Serving Entity and/or Purchase-Selling Entity is outside the scope of work for this project. The drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. Other than alignment revisions, the drafting team was not at liberty to revise the definitions. For the term Transmission Customer, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. The drafting team notes that although the Risk-Based Registration initiative removed Load-Serving Entity and Purchase-Selling Entity from the NERC Compliance Registry, as explained in further detail in the RBR Petition and Compliance Filing, the two terms nevertheless remain in several Reliability Standards that are active, pending, or subject to future enforcement. While any Reliability Standard requirement that references an entity proposed for deactivation will be moot and not enforceable with respect to that entity (see RBR Petition at 20), it is not appropriate to remove these defined terms from the NERC Glossary until the defined terms are in fact no longer used in the Reliability Standards. During phase 1 of this project, a number of commenters raised concerns regarding possible revisions that are needed for the Glossary and/or Reliability Standards as a result of the Risk-Based Registration Initiative. As part of Phase 2 of this project, the team will consider whether a recommendation to the SC is needed to address the various concerns raised by commenters.					
49	Andrea Jessup – Bonneville Power Administration	1,3,5,6		Yes	
SDT response:					

End of Report

Consideration of Comments
Term 50: Transmission Operator

Project Name: 2015-04 Alignment of Terms

Comment Period Start Date: 6/13/2015

Comment Period End Date: 7/27/2015

Associated Ballot: Term 50: Transmission Operator

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	N/A	1,3,5,6
Randi Heise	NERC Compliance Policy	N/A	1,3,5,6

Connie Lowe	NERC Compliance Policy	N/A	1,3,5,6
Louis Slade	NERC Compliance Policy	N/A	1,3,5,6
Chip Humphrey	Power Generation Compliance	N/A	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	N/A	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5

Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2

Ali Miremadi	CAISO	WECC	2

Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6

Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Question

Term 50: Transmission Operator (redline)

Transmission Operator:

The entity responsible for the reliability of its "local" transmission system, and that operates or directs the operations of the transmission ~~facilities~~Facilities.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Facilities" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term.

Do you agree with the proposed Glossary definition revision to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

#	Commenter Organization	Segment	Group name	Y/N	Comment
1	John Fontenot – Bryan Texas Utilities	1		Yes	
SDT response:					
2	Emily Rousseau – MRO	1,2,3,4,5, 6	MRO-NERC Standards Review Forum (NSRF)	Yes	
SDT response:					
3	Leonard Kula – Independent Electricity System Operator	2		Yes	While we agree with the proposed change, the definition in the NERC Glossary and the proposed edit, are inconsistent with the definition presented in the Functional Model. We suggest the SDT to either adopt the FM definition, or to revise the definition in the FM to achieve total consistency.
SDT response: Thank you for your comments; however, modifications to the Functional Model fall outside the permissible scope of the work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					

#	Commenter Organization	Segment	Group name	Y/N	Comment
4	Mary Claire Yatsko – Seminole Electric Cooperative, Inc.	1,3,4,5,6		Yes	
SDT response:					
5	John Seelke – PSEG	1,2,5,6	PSEG	Yes	
SDT response:					
6	Amy Casuscelli – Xcel Energy, Inc.	1,3,5,6		Yes	
SDT response:					
7	Thomas Foltz – AEP	5		Yes	
SDT response:					
8	Dennis Minton – Florida Keys Electric Cooperative Assoc.	1		Yes	
SDT response:					
9	Rob Collins – On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co.	1, 6, 5, 3		Yes	
SDT response:					
10	Louis Slade – Dominion Resources, Inc.	6	Dominion Resources, Inc.	No	Dominion recommends that the word 'transmission' should also be capitalized as it too is a defined term in the NERC Glossary.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term;					

#	Commenter Organization	Segment	Group name	Y/N	Comment
failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
11	Lee Pedowicz – Northeast Power Coordinating Council	10	NPCC--Project 2015-04	No	[1] In addition to Facilities, Transmission should be capitalized. [2] Suggest to clearly define 'Facilities' to prevent the confusion from TOP versus GOP. We recognize the effort that is mentioned in Footnotes 3 and 4 on pages 6 and 7, but the revisions should be done under this project.
SDT response: [1] Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations. [2] The drafting team recognizes that the definition of "Facilities" could be improved. Because the SAR limits this drafting team to alignment of the existing language in the Glossary and ROP definitions, the drafting team did not propose substantive language revisions to any definitions (other than alignment revisions). However, as part of Phase 2 for this project, the drafting team will develop a SAR to revise the definition of Facilities to address the issues identified by team members and various commenters. The SAR will be submitted to the Standards Committee (SC) in accordance with the procedure outlined in the Standards Process Manual.					
12	Joe O'Brien – NiSource - Northern Indiana Public Service Co.	6		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
13	Andrew Pusztai – American Transmission Company, LLC	1		Yes	
SDT response:					
14	Matthew Beilfuss – WEC Energy Group, Inc.	3,4,5,6		Yes	
SDT response:					
15	Dennis Chastain – Tennessee Valley Authority	1,3,5,6		Yes	For alignment purposes, we agree with the proposed change to the Glossary definition. For form consistency with other entity type definitions contained in the Glossary, we recommend starting the definition with "The entity that reliably operates its "local" Transmission system,…" rather than "The entity responsible for the reliability of its "local" transmission system,…". We also recommend capitalization of the term "Transmission" within the Transmission Operator (TOP) definition because this term is defined in the Glossary and we believe its usage in the TOP definition narrative is intended to have the meaning of the defined term.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in form, sentence structure and capitalization throughout the NERC defined terms. For example, during the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. As part of Phase 2 of this project, the drafting team will develop recommendations to prevent future misalignment or inconsistencies in NERC defined terms. The drafting team will develop recommendations related to the issues identified in your comments. The drafting team will provide its Phase 2 recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the recommendations. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of these Phase 2 recommendations.					
16	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
17	Kaleb Brimhall – Colorado Springs Utilities	5	Colorado Springs Utilities	Yes	We support the Comments Submitted by the Southwest Power Pool.
SDT response: Please see the drafting team response to comments submitted by the Southwest Power Pool.					
18	Terry Bilke – Midcontinent ISO, Inc.	2		No	Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them. From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard. A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term. While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.
SDT response: Please see the drafting team response to your comment for Term 4: Blackstart Resource.					
19	John Allen –	4		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	City Utilities of Springfield, Missouri				
SDT response:					
20	Jeremy Voll – Basin Electric Power Cooperative	3		Yes	
SDT response:					
21	Lee Schuster – Duke Energy	3		Yes	
SDT response:					
22	Si Truc Phan – Hydro-Quebec TransEnergie	1		No	Suggest to clearly define 'Facilities' to prevent the confusion from TOP versus GOP. We recognize the effort that is mentioned in Footnotes 3 and 4 on pages 6 and 7, but the revisions should be done under this project.
SDT response: The drafting team recognizes that the definition of "Facilities" could be improved. Because the SAR limits this drafting team to alignment of the existing language in the Glossary and ROP definitions, the drafting team did not propose substantive language revisions to any definitions (other than alignment revisions). However, as part of Phase 2 for this project, the drafting team will develop a SAR to revise the definition of Facilities to address the issues identified by team members and various commenters. The SAR will be submitted to the Standards Committee (SC) in accordance with the procedure outlined in the Standards Process Manual.					
23	Christina Bigelow – Electric Reliability Council of Texas, Inc.	2	IRC Standards Review Committee	Yes	The SRC has previously commented that there needs to be total consistency between all fundamental documents within NERC. Thus, while it does not disagree with the proposed changes, it recommends that the SDT take this opportunity to also synchronize this definition with the Functional Model.
SDT response: Thank you for your comments; however, modifications to the Functional Model fall outside the permissible scope of the work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
24	Heather Morgan –	5		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	EDP Renewables North America LLC				
SDT response:					
25	Shawna Speer – Colorado Springs Utilities	1		Yes	
SDT response:					
26	Linda Jacobson-Quinn – City of Farmington	3		No	The NERC Functional Model defined Transmission Operator as "The functional entity that ensures the Real-time operating reliability of the transmission assets within a Transmission Operator Area." The SDT and NERC should consider the implications of this term as it has caused some confusion in the application of CIP-002-5 which classifies "Control Centers performing the functional obligations of a Transmission Operator" as medium facilities even if they ARE NOT registered as a TOP. However, if a control center simply 'operates' a Transmission Facility (under the direction of another Registered TOP) that should be considered performing the function of a TOP.
SDT response: Thank you for your comments; however, the proposed revisions fall outside the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. To the extent that you believe the issues identified in your comments should be addressed by a development project, the drafting team encourages you to submit a SAR or Request for Interpretation (RFI) outlining the issues and your proposed recommendations for resolving those issues.					
27	Dan Wilson – PPL Electric Utilities Corporation	5		Yes	
SDT response:					
28	Yvonne McMackin – Public Utility District No. 2 of Grant County, Washington	4		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
29	Michiko Sell – Public Utility District No. 2 of Grant County, Washington	1		Yes	
SDT response:					
30	Alex Ybarra – Public Utility District No. 2 of Grant County, Washington	5		Yes	
SDT response:					
31	Mike Smith – Manitoba Hydro	1		No	Inconsistent approach is used for referencing defined terms with different suffixes. For defined term "Facility", sometimes referenced as "Facilities" and other times "Facility(ies)". Note that this inconsistency extends to multiple Glossary of Terms definitions that are not currently addressed in this project.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of suffixes throughout the NERC defined terms. As part of Phase 2 of this project, the drafting team will develop recommendations to prevent future misalignment or inconsistencies in NERC defined terms. The drafting team will consider developing a recommendation related to the issue raised in your comments. The drafting team will provide its Phase 2 recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the recommendations. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of these Phase 2 recommendations.					
32	Andrew Gallo – Austin Energy	6		Yes	
SDT response:					
33	Rachel Coyne – Texas Reliability Entity, Inc.	10		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
34	Yuguang Xiao – Manitoba Hydro	5		No	
SDT response:					
35	Chris Scanlon – Exelon	1	Exelon Utilities	Yes	
SDT response:					
36	Martin Boisvert – Hydro-Quebec TransEnergie	1		No	See comments from NPCC--Project 2015-04.
SDT response: Please see response to [#11]					
37	Erika Doot – U.S. Bureau of Reclamation	5		Yes	
SDT response:					
38	Jason Smith – Southwest Power Pool, Inc. (RTO)	2	SPP Standards Review Group	Yes	Agree with the capitalization change. However please review comment on the definition for Reactive Power. The term "transmission facilities" is used in that definition and Facilities should be capitalized there as well. It seems the proposed changes between this definition and Reactive Power are using different logic to determine whether Facilities should be capitalized. Additionally, the word "system" in this definition may need to be capitalized as well.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in form, sentence structure and capitalization throughout the NERC defined terms. For example, during the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. As part of Phase 2 of this project, the drafting team will develop recommendations to prevent future misalignment or inconsistencies in NERC defined terms. The drafting team will develop recommendations related to the issues identified in your comments. The drafting team will provide its Phase 2 recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the recommendations. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of these Phase 2 recommendations.					

#	Commenter Organization	Segment	Group name	Y/N	Comment
39	Manon Paquet – On Behalf of: Roger Dufresne, Hydro-Quebec Production	1, 5		No	[1] In addition to Facilities, Transmission should be capitalized. [2] Suggest to clearly define 'Facilities' to prevent the confusion from TOP versus GOP. We recognize the effort that is mentioned in Footnotes 3 and 4 on pages 6 and 7, but the revisions should be done under this project.
SDT response: [1] Thank you for your comments. The drafting team agrees that there should be consistency in form, sentence structure and capitalization throughout the NERC defined terms. For example, during the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. As part of Phase 2 of this project, the drafting team will develop recommendations to prevent future misalignment or inconsistencies in NERC defined terms. The drafting team will develop recommendations related to the issues identified in your comments. The drafting team will provide its Phase 2 recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the recommendations. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of these Phase 2 recommendations. [2] The drafting team recognizes that the definition of "Facilities" could be improved. Because the SAR limits this drafting team to alignment of the existing language in the Glossary and ROP definitions, the drafting team did not propose substantive language revisions to any definitions (other than alignment revisions). However, as part of Phase 2 for this project, the drafting team will develop a SAR to revise the definition of Facilities to address the issues identified by team members and various commenters. The SAR will be submitted to the Standards Committee (SC) in accordance with the procedure outlined in the Standards Process Manual.				
40	Robert A. Schaffeld – Southern Company - Southern Company Services, Inc.	1		Yes	
SDT response:					
41	Ben Engelby – ACES Power Marketing	6	ACES Standards Collaborators - Terms Project	No	"Transmission" and "System" are defined terms and the drafting team should consider if they should be capitalized.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term;					

#	Commenter Organization	Segment	Group name	Y/N	Comment
failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
42	Andy Bolivar – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
43	Kathleen Black – DTE Energy	3,4,5		Yes	
SDT response:					
44	Jennifer Losacco – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
45	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
46	Tony Eddleman – Nebraska Public Power District	3		Yes	
SDT response:					
47	Bernard Johnson – Oglethorpe Power Corporation	5		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
SDT response:					
48	Colby Bellville – Duke Energy	1,3,5,6	Duke Energy	Yes	Duke Energy suggests capitalizing the term "Transmission" throughout the definition, as it is currently a defined term.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
49	Andrea Jessup – Bonneville Power Administration	1,3,5,6		Yes	
SDT response:					

End of Report

Consideration of Comments
Term 51: Transmission Owner

Project Name: 2015-04 Alignment of Terms

Comment Period Start Date: 6/13/2015

Comment Period End Date: 7/27/2015

Associated Ballot: Term 51: Transmission Owner

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	N/A	1,3,5,6
Randi Heise	NERC Compliance Policy	N/A	1,3,5,6

Connie Lowe	NERC Compliance Policy	N/A	1,3,5,6
Louis Slade	NERC Compliance Policy	N/A	1,3,5,6
Chip Humphrey	Power Generation Compliance	N/A	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	N/A	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5

Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2

Ali Miremadi	CAISO	WECC	2

Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6

Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Question

Term 51: Transmission Owner (redline)

Transmission Owner**:**

The entity that owns and maintains transmission ~~facilities~~Facilities.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Facilities" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term.

Do you agree with the proposed Glossary definition revision to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

#	Commenter Organization	Segment	Group name	Y/N	Comment
1	John Fontenot – Bryan Texas Utilities	1		Yes	
SDT response:					
2	Emily Rousseau – MRO	1,2,3,4,5, 6	MRO-NERC Standards Review Forum (NSRF)	Yes	
SDT response:					
3	Leonard Kula – Independent Electricity System Operator	2		Yes	
SDT response:					
4	Mary Claire Yatsko – Seminole Electric Cooperative, Inc.	1,3,4,5,6		Yes	
SDT response:					
5	John Seelke –	1,2,5,6	PSEG	Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	PSEG				
SDT response:					
6	Amy Casuscelli – Xcel Energy, Inc.	1,3,5,6		Yes	
SDT response:					
7	Thomas Foltz – AEP	5		Yes	
SDT response:					
8	Dennis Minton – Florida Keys Electric Cooperative Assoc.	1		Yes	
SDT response:					
9	Rob Collins – On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co.	1, 6, 5, 3		Yes	
SDT response:					
10	Louis Slade – Dominion Resources, Inc.	6	Dominion Resources, Inc.	No	Dominion recommends that the word 'transmission' should also be capitalized as it too is a defined term in the NERC Glossary.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					

#	Commenter Organization	Segment	Group name	Y/N	Comment
11	Lee Pedowicz – Northeast Power Coordinating Council	10	NPCC--Project 2015-04	No	Suggest to clearly define 'Facilities' to prevent the confusion from TOP versus GOP. We recognize the effort that is mentioned in Footnotes 3 and 4 on pages 6 and 7, but the revisions should be done under this project.
SDT response: The drafting team recognizes that the definition of "Facilities" could be improved. Because the SAR limits this drafting team to alignment of the existing language in the Glossary and ROP definitions, the drafting team did not propose substantive language revisions to any definitions (other than alignment revisions). However, as part of Phase 2 for this project, the drafting team will develop a SAR to revise the definition of Facilities to address the issues identified by team members and various commenters. The SAR will be submitted to the Standards Committee (SC) in accordance with the procedure outlined in the Standards Process Manual.					
12	Joe O'Brien – NiSource - Northern Indiana Public Service Co.	6		Yes	
SDT response:					
13	Andrew Pusztai – American Transmission Company, LLC	1		Yes	
SDT response:					
14	Matthew Beilfuss – WEC Energy Group, Inc.	3,4,5,6		Yes	
SDT response:					
15	Dennis Chastain – Tennessee Valley Authority	1,3,5,6		Yes	For alignment purposes, we agree with the proposed change to the Glossary definition. We also recommend capitalization of the term "Transmission" within the Transmission Owner (TO) definition because this term is defined in the Glossary and we believe its usage in the TO definition narrative is intended to have the meaning of the defined term.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and					

#	Commenter Organization	Segment	Group name	Y/N	Comment
therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
16	Jared Shakespeare – Peak Reliability	1		Yes	Is there ever a difference between the entity that owns it and the entity that maintains it? Perhaps there could be some discrepancy between the two.
SDT response: The drafting team believes that the owner has responsibility for both ownership and maintenance, however, in practice, maintenance may be delegated to another entity. To the extent you believe clarification is needed, the drafting team suggests submitting a SAR outlining the issues and your proposed recommendations for resolving those issues.					
17	Kaleb Brimhall – Colorado Springs Utilities	5	Colorado Springs Utilities	Yes	We support the Comments Submitted by the Southwest Power Pool.
SDT response: Please see the drafting team response to comments submitted by the Southwest Power Pool.					
18	Terry Bilke – Midcontinent ISO, Inc.	2		No	Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them. From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard. A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if

#	Commenter Organization	Segment	Group name	Y/N	Comment
					NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term. While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.
SDT response: Please see the drafting team response to your comment for Term 4: Blackstart Resource.					
19	John Allen – City Utilities of Springfield, Missouri	4		Yes	See comments from SPP Standards Review Group.
SDT response:					
20	Jeremy Voll – Basin Electric Power Cooperative	3		Yes	
SDT response:					
21	Lee Schuster – Duke Energy	3		Yes	
SDT response:					
22	Si Truc Phan – Hydro-Quebec TransEnergie	1		No	Suggest to clearly define 'Facilities' to prevent the confusion from TO versus GO. We recognize the effort that is mentioned in Footnotes 3 and 4 on pages 6 and 7, but the revisions should be done under this project.
SDT response: The drafting team recognizes that the definition of "Facilities" could be improved. Because the SAR limits this drafting team to alignment of the existing language in the Glossary and ROP definitions, the drafting team did not propose substantive language revisions to any definitions (other than alignment revisions). However, as part of Phase 2 for this project, the drafting team will develop a SAR to revise the definition of Facilities to address the issues identified by team members and various commenters. The SAR will be submitted to the Standards Committee (SC) in accordance with the procedure outlined in the Standards Process Manual.					

#	Commenter Organization	Segment	Group name	Y/N	Comment
23	Christina Bigelow – Electric Reliability Council of Texas, Inc.	2	IRC Standards Review Committee	Yes	The SRC has previously commented that there needs to be total consistency between all fundamental documents within NERC. Thus, while it does not disagree with the proposed changes, it recommends that the SDT take this opportunity to also synchronize this definition with the Functional Model.
SDT response: Thank you for your comments; however, modifications to the Functional Model fall outside the permissible scope of the work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
24	Heather Morgan – EDP Renewables North America LLC	5		Yes	
SDT response:					
25	Shawna Speer – Colorado Springs Utilities	1		Yes	
SDT response:					
26	Linda Jacobson-Quinn – City of Farmington	3		Yes	
SDT response:					
27	Dan Wilson – PPL Electric Utilities Corporation	5		Yes	
SDT response:					
28	Yvonne McMackin – Public Utility District No. 2 of Grant County, Washington	4		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
SDT response:					
29	Michiko Sell – Public Utility District No. 2 of Grant County, Washington	1		Yes	
SDT response:					
30	Alex Ybarra – Public Utility District No. 2 of Grant County, Washington	5		Yes	
SDT response:					
31	Mike Smith – Manitoba Hydro	1		No	Inconsistent approach is used for referencing defined terms with different suffixes. For defined term "Facility", sometimes referenced as "Facilities" and other times "Facility(ies)". Note that this inconsistency extends to multiple Glossary of Terms definitions that are not currently addressed in this project.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of suffixes throughout the NERC defined terms. As part of Phase 2 of this project, the drafting team will develop recommendations to prevent future misalignment or inconsistencies in NERC defined terms. The drafting team will consider developing a recommendation related to the issue raised in your comments. The drafting team will provide its Phase 2 recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the recommendations. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of these Phase 2 recommendations.					
32	Andrew Gallo – Austin Energy	6		Yes	
SDT response:					
33	Rachel Coyne – Texas Reliability Entity, Inc.	10		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
SDT response:					
34	Yuguang Xiao – Manitoba Hydro	5		No	
SDT response:					
35	Chris Scanlon – Exelon	1	Exelon Utilities	Yes	
SDT response:					
36	Martin Boisvert – Hydro-Quebec TransEnergie	1		No	See comments from NPCC--Project 2015-04.
SDT response:					
37	Erika Doot – U.S. Bureau of Reclamation	5		Yes	
SDT response:					
38	Jason Smith – Southwest Power Pool, Inc. (RTO)	2	SPP Standards Review Group	Yes	Agree with the capitalization change. However please review comment on the definition for Reactive Power. The term "transmission facilities" is used in that definition and Facilities should be capitalized there as well. It seems the proposed changes between this definition and Reactive Power are using different logic to determine whether Facilities should be capitalized.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in form, sentence structure and capitalization throughout the NERC defined terms. For example, during the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. As part of Phase 2 of this project, the drafting team will develop recommendations to prevent future misalignment or inconsistencies in NERC defined terms. The drafting team will develop recommendations related to the issues identified in your comments. The drafting team will provide its Phase 2 recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the recommendations. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of these Phase 2 recommendations.					

#	Commenter Organization	Segment	Group name	Y/N	Comment
39	Manon Paquet – On Behalf of: Roger Dufresne, Hydro-Quebec Production	1, 5		No	Suggest to clearly define 'Facilities' to prevent the confusion from TOP versus GOP. We recognize the effort that is mentioned in Footnotes 3 and 4 on pages 6 and 7, but the revisions should be done under this project.
SDT response: The drafting team recognizes that the definition of "Facilities" could be improved. Because the SAR limits this drafting team to alignment of the existing language in the Glossary and ROP definitions, the drafting team did not propose substantive language revisions to any definitions (other than alignment revisions). However, as part of Phase 2 for this project, the drafting team will develop a SAR to revise the definition of Facilities to address the issues identified by team members and various commenters. The SAR will be submitted to the Standards Committee (SC) in accordance with the procedure outlined in the Standards Process Manual.					
40	Robert A. Schaffeld – Southern Company - Southern Company Services, Inc.	1		Yes	
SDT response:					
41	Ben Engelby – ACES Power Marketing	6	ACES Standards Collaborators - Terms Project	No	"Transmission" is a defined term and the drafting team should consider if it should be capitalized.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
42	Andy Bolivar – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
43	Kathleen Black – DTE Energy	3,4,5		Yes	
SDT response:					
44	Jennifer Losacco – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
45	Jared Shakespeare – Peak Reliability	1		Yes	Is there ever a difference between the entity that owns it and the entity that maintains it? Perhaps there could be some discrepancy between the two.
SDT response: The drafting team believes that the owner has responsibility for both ownership and maintenance, however, in practice, maintenance may be delegated to another entity. To the extent you believe clarification is needed, the drafting team suggests submitting a SAR outlining the issues and your proposed recommendations for resolving those issues.					
46	Tony Eddleman – Nebraska Public Power District	3		Yes	
SDT response:					
47	Bernard Johnson – Oglethorpe Power Corporation	5		Yes	
SDT response:					
48	Colby Bellville – Duke Energy	1,3,5,6	Duke Energy	Yes	Duke Energy suggests capitalizing the term "Transmission" throughout the definition, as it is currently a defined term.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the					

#	Commenter Organization	Segment	Group name	Y/N	Comment
decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
49	Andrea Jessup – Bonneville Power Administration	1,3,5,6		Yes	
SDT response:					

End of Report

Consideration of Comments
Term 52: Transmission Planner

Project Name: 2015-04 Alignment of Terms

Comment Period Start Date: 6/13/2015

Comment Period End Date: 7/27/2015

Associated Ballot: Term 52: Transmission Planner

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	N/A	1,3,5,6
Randi Heise	NERC Compliance Policy	N/A	1,3,5,6

Connie Lowe	NERC Compliance Policy	N/A	1,3,5,6
Louis Slade	NERC Compliance Policy	N/A	1,3,5,6
Chip Humphrey	Power Generation Compliance	N/A	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	N/A	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5

Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2

Ali Miremadi	CAISO	WECC	2

Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6

Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Question

Term 52: Transmission Planner (redline)

Transmission Planner**:**
The entity that develops a long-term (generally one year and beyond) plan for the reliability (adequacy) of the interconnected bulk electric transmission systems within its portion of the Planning Authority ~~Area~~area.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to remove the capitalization from the term "Area" because it is not a defined term in Glossary or the ROP.

Do you agree with the proposed Glossary definition revision to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

#	Commenter Organization	Segment	Group name	Y/N	Comment
1	John Fontenot – Bryan Texas Utilities	1		Yes	
SDT response:					
2	Emily Rousseau – MRO	1,2,3,4,5, 6	MRO-NERC Standards Review Forum (NSRF)	Yes	
SDT response:					
3	Leonard Kula – Independent Electricity System Operator	2		Yes	
SDT response:					
4	Mary Claire Yatsko – Seminole Electric Cooperative, Inc.	1,3,4,5,6		Yes	
SDT response:					
5	John Seelke –	1,2,5,6	PSEG	Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	PSEG				
SDT response:					
6	Amy Casuscelli – Xcel Energy, Inc.	1,3,5,6		Yes	
SDT response:					
7	Thomas Foltz – AEP	5		Yes	
SDT response:					
8	Dennis Minton – Florida Keys Electric Cooperative Assoc.	1		Yes	
SDT response:					
9	Rob Collins – On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co.	1, 6, 5, 3		Yes	
SDT response:					
10	Louis Slade – Dominion Resources, Inc.	6	Dominion Resources, Inc.	Yes	
SDT response:					
11	Lee Pedowicz – Northeast Power Coordinating Council	10	NPCC--Project 2015-04	No	Transmission Systems should be capitalized. Both are defined terms in the NERC Glossary. Transmission System should be uniquely defined. The definitions of Transmission and System should not have to be merged by a reader to create the Transmission System definition.
SDT response: Thank you for your comments; however, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. For the term Transmission Planner, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. The drafting team agrees that the consecutive use of two (or more) defined terms may create confusion. During Phase 2 of this project, the drafting team will consider					

#	Commenter Organization	Segment	Group name	Y/N	Comment
recommendations related to sentence structure. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations. To the extent you believe a new defined term should be created, the team suggests that you submit a SAR.					
12	Joe O'Brien – NiSource - Northern Indiana Public Service Co.	6		Yes	
SDT response:					
13	Andrew Pusztai – American Transmission Company, LLC	1		Yes	
SDT response:					
14	Matthew Beilfuss – WEC Energy Group, Inc.	3,4,5,6		Yes	
SDT response:					
15	Dennis Chastain – Tennessee Valley Authority	1,3,5,6		Yes	For alignment purposes, we agree with the proposed change to the Glossary definition. We also recommend capitalization of the terms “Adequacy” and “Transmission” within the Transmission Planner (TP) definition because these terms are defined in the Glossary and we believe their usage in the TP definition narrative is intended to have the meaning of the defined terms.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					

#	Commenter Organization	Segment	Group name	Y/N	Comment
16	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
17	Kaleb Brimhall – Colorado Springs Utilities	5	Colorado Springs Utilities	No	We support the Comments Submitted by the Southwest Power Pool.
SDT response: Please see the drafting team response to comments submitted by the Southwest Power Pool.					
18	Terry Bilke – Midcontinent ISO, Inc.	2		No	Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them. From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard. A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term. While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.

#	Commenter Organization	Segment	Group name	Y/N	Comment
SDT response: Please see the drafting team response to your comment for Term 4: Blackstart Resource.					
19	John Allen – City Utilities of Springfield, Missouri	4		No	See comments from SPP Standards Review Group.
SDT response:					
20	Jeremy Voll – Basin Electric Power Cooperative	3		Yes	
SDT response:					
21	Lee Schuster – Duke Energy	3		Yes	
SDT response:					
22	Si Truc Phan – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
23	Christina Bigelow – Electric Reliability Council of Texas, Inc.	2	IRC Standards Review Committee	No	The SRC has previously commented that there needs to be total consistency between all fundamental documents within NERC. Thus, while it does not disagree with the proposed changes, it recommends that the SDT take this opportunity to also synchronize this definition with the Functional Model. The SRC notes that the Functional Model references a Transmission Planner area.
SDT response: Thank you for your comments; however, modifications to the Functional Model fall outside the permissible scope of the work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					

#	Commenter Organization	Segment	Group name	Y/N	Comment
24	Heather Morgan – EDP Renewables North America LLC	5		Yes	
SDT response:					
25	Shawna Speer – Colorado Springs Utilities	1		No	Reference the group comments - Colorado Springs Utilities
SDT response:					
26	Linda Jacobson-Quinn – City of Farmington	3		No	The same confusion and gap as with a Planning Coordinator exists. FEUS recommends a broader discussion on the two functional entities and their roles as the Reliability Standards do not clearly delineate their responsibilities nor do the definitions.
SDT response: Thank you for your comments; however, your proposed revisions are outside of the permissible scope of work for this project. For the term Transmission Planner, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. The drafting team did not have authorization to revise the definitions outside of addressing alignment between the existing definition language in the Glossary and ROP. If you believe revisions should be made to the definition of Transmission Planner (or Planning Coordinator), the drafting team suggests submitting a Standards Authorization Request (SAR) outlining any perceived issues or proposed revisions to the definition.					
27	Dan Wilson – PPL Electric Utilities Corporation	5		Yes	
SDT response:					
28	Yvonne McMackin – Public Utility District No. 2 of Grant County, Washington	4		Yes	
SDT response:					
29	Michiko Sell – Public Utility District No. 2 of Grant County, Washington	1		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
SDT response:					
30	Alex Ybarra – Public Utility District No. 2 of Grant County, Washington	5		Yes	
SDT response:					
31	Mike Smith – Manitoba Hydro	1		Yes	
SDT response:					
32	Andrew Gallo – Austin Energy	6		Yes	
SDT response:					
33	Rachel Coyne – Texas Reliability Entity, Inc.	10		Yes	
SDT response:					
34	Yuguang Xiao – Manitoba Hydro	5		Yes	
SDT response:					
35	Chris Scanlon – Exelon	1	Exelon Utilities	Yes	
SDT response:					
36	Martin Boisvert – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
37	Erika Doot – U.S. Bureau of Reclamation	5		Yes	
SDT response:					
38	Jason Smith – Southwest Power Pool, Inc. (RTO)	2	SPP Standards Review Group	No	The use of the term 'Planning Authority' should be discontinued and replaced with Planning Coordinator to be consistent with the Functional Model. Planning Authority no longer exists as an entity in the Functional Model. See comment on the definition for Planning Authority above. Also, in a future Phase, a SAR and new definition should be created to define Planning Coordinator Area so there is consistency with the terms Balancing Authority Area, Transmission Operator Area, and Reliability Coordinator Area. See previous comments on Planning Authority definition. Planning Coordinator Area is a term used within FAC-013-2 and FAC-014-2 for example but has no definition. We also comment that in Phase 2, the phrase in the current definition "the interconnected bulk electric transmission systems" should be changed to "its portion of the interconnected Bulk-Electric System". Finally, we comment for Phase 2 that the definition could be improved such that the phrase "reliability (adequacy)" is removed and replaced with the defined term "Reliable Operation". This would make it more consistent with other terms in the Glossary and ROP.
SDT response: Unfortunately, your proposed revisions are outside of the permissible scope of work for this project. However, the drafting team appreciates and understands the issues raised in your comments. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. For the term Transmission Planner, the drafting team proposed revising the Glossary definition to align with the existing definition in the ROP. If you believe revisions should be made to improve the definition of Transmission Planner, Planning Authority, or Planning Coordinator, the drafting team suggests submitting a Standards Authorization Request (SAR) outlining any perceived issues or proposed revisions to the definition or Reliability Standards.					
39	Manon Paquet –	1, 5		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	On Behalf of: Roger Dufresne, Hydro-Quebec Production				
SDT response:					
40	Robert A. Schaffeld – Southern Company - Southern Company Services, Inc.	1		Yes	
SDT response:					
41	Ben Engelby – ACES Power Marketing	6	ACES Standards Collaborators - Terms Project	No	The phrase "interconnected bulk electric transmission systems" should be replaced with either "Bulk Electric System" or "Interconnection."
SDT response: Thank you for your comments; however, the proposed revisions fall outside the permissible scope of work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. To the extent that you believe the issues identified in your comments should be addressed by a development project, the drafting team encourages you to submit a SAR outlining the issues and your proposed recommendations for resolving those issues.					
42	Andy Bolivar – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
43	Kathleen Black – DTE Energy	3,4,5		Yes	
SDT response:					
44	Jennifer Losacco – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
45	Jared Shakespeare –	1		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	Peak Reliability				
SDT response:					
46	Tony Eddleman – Nebraska Public Power District	3		Yes	
SDT response:					
47	Bernard Johnson – Oglethorpe Power Corporation	5		Yes	
SDT response:					
48	Colby Bellville – Duke Energy	1,3,5,6	Duke Energy	Yes	Duke Energy suggests capitalizing the term "Transmission" throughout the definition, as it is currently a defined term.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
49	Andrea Jessup – Bonneville Power Administration	1,3,5,6		Yes	
SDT response:					

End of Report

Consideration of Comments
Term 54: Transmission Service Provider

Project Name: 2015-04 Alignment of Terms

Comment Period Start Date: 6/13/2015

Comment Period End Date: 7/27/2015

Associated Ballots: Term 54: Transmission Service Provider

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	N/A	1,3,5,6
Randi Heise	NERC Compliance Policy	N/A	1,3,5,6

Connie Lowe	NERC Compliance Policy	N/A	1,3,5,6
Louis Slade	NERC Compliance Policy	N/A	1,3,5,6
Chip Humphrey	Power Generation Compliance	N/A	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	N/A	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5

Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2

Ali Miremadi	CAISO	WECC	2

Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6

Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Question

Term 54: Transmission Service Provider (redline)

Transmission Service Provider:
The entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable ~~transmission~~ Transmission ~~service~~ Service agreements.

The SDT is recommending changes to the Glossary definition to align with the ROP. Specifically, the SDT is proposing to capitalize the term "Transmission Service" because it is a defined term in the Glossary and its usage in this definition narrative is intended to have the meaning of the defined term.

Do you agree with the proposed Glossary definition revision to align the Glossary and ROP? If not, please explain the basis for your disagreement, and your proposal to align the definitions.

#	Commenter Organization	Segment	Group name	Y/N	Comment
1	John Fontenot – Bryan Texas Utilities	1		Yes	
SDT response:					
2	Emily Rousseau – MRO	1,2,3,4,5, 6	MRO-NERC Standards Review Forum (NSRF)	Yes	
SDT response:					
3	Leonard Kula – Independent Electricity System Operator	2		Yes	
SDT response:					
4	Mary Claire Yatsko – Seminole Electric Cooperative, Inc.	1,3,4,5,6		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
5	John Seelke – PSEG	1,2,5,6	PSEG	Yes	
SDT response:					
6	Amy Casuscelli – Xcel Energy, Inc.	1,3,5,6		Yes	
SDT response:					
7	Thomas Foltz – AEP	5		Yes	
SDT response:					
8	Dennis Minton – Florida Keys Electric Cooperative Assoc.	1		Yes	
SDT response:					
9	Rob Collins – On Behalf of: Scotty Brown, Southern Indiana Gas and Electric Co.	1, 6, 5, 3		Yes	
SDT response:					
10	Louis Slade – Dominion Resources, Inc.	6	Dominion Resources, Inc.	Yes	
SDT response:					
11	Lee Pedowicz – Northeast Power Coordinating Council	10	NPCC--Project 2015-04	Yes	
SDT response:					
12	Joe O'Brien –	6		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	NiSource - Northern Indiana Public Service Co.				
SDT response:					
13	Andrew Pusztai – American Transmission Company, LLC	1		Yes	
SDT response:					
14	Matthew Beilfuss – WEC Energy Group, Inc.	3,4,5,6		Yes	
SDT response:					
15	Dennis Chastain – Tennessee Valley Authority	1,3,5,6		Yes	For alignment purposes, we agree with the proposed change to the Glossary definition. We also recommend capitalization of the term "Transmission" within the Transmission Service Provider (TSP) definition because this term is defined in the Glossary and we believe its usage in the TSP definition narrative is intended to have the meaning of the defined term.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
16	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
17	Kaleb Brimhall – Colorado Springs Utilities	5	Colorado Springs Utilities	Yes	We support the Comments Submitted by the Southwest Power Pool.
SDT response: Please see the drafting team response to comments submitted by the Southwest Power Pool.					
18	Terry Bilke – Midcontinent ISO, Inc.	2		No	Thanks for the opportunity to comment. While we appreciate the efforts of the team and are generally don't have concerns with the definitions presented, this appears to be just the start of a much wider effort that will provide little benefit and additional churn of the standards just when we are trying to stabilize them. From a standards process perspective, we had concerns with the SAR and the meeting notes from the team. The "Detailed Description" section of the SAR says it is a non-exhaustive, illustrative listing of the types of work that will be undertaken. Thus the SAR is totally unbounded. The drafting team meeting notes imply a next step is to go through the standards and in cases where there is a lower case word or phrase used that happens to be spelled the same as a defined term, to make these capitalized terms. There typically is a very conscious decision by a drafting team whether to leave a word or term lower case. Changing the term to a defined one changes the standard. A simple solution that doesn't change the intent of standards or the Rules is to create a NERC master glossary that puts a parenthetical after the term on whether it is a Standards or RoP (or any other source document) term. Even if NERC were to align terms in every single document, you will have different definitions between NERC, FERC, IEEE, NAESB, and other overlapping organizations for the same word or term. While we say we're stabilizing the standards, this adds another layer of effort, particularly when you look at how this is broken up into dozens of ballots. It's just not clear how this is helping and what will be the next project tackled by the team.
SDT response: Please see the drafting team response to your comment for Term 4: Blackstart Resource.					
19	John Allen –	4		Yes	See comments from SPP Standards Review Group.

#	Commenter Organization	Segment	Group name	Y/N	Comment
	City Utilities of Springfield, Missouri				
SDT response:					
20	Jeremy Voll – Basin Electric Power Cooperative	3		Yes	
SDT response:					
21	Lee Schuster – Duke Energy	3		Yes	
SDT response:					
22	Si Truc Phan – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
23	Christina Bigelow – Electric Reliability Council of Texas, Inc.	2	IRC Standards Review Committee	Yes	
SDT response:					
24	Heather Morgan – EDP Renewables North America LLC	5		Yes	
SDT response:					
25	Shawna Speer – Colorado Springs Utilities	1		Yes	
SDT response:					
26	Linda Jacobson-Quinn –	3		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	City of Farmington				
SDT response:					
27	Dan Wilson – PPL Electric Utilities Corporation	5		Yes	
SDT response:					
28	Yvonne McMackin – Public Utility District No. 2 of Grant County, Washington	4		Yes	
SDT response:					
29	Michiko Sell – Public Utility District No. 2 of Grant County, Washington	1		Yes	
SDT response:					
30	Alex Ybarra – Public Utility District No. 2 of Grant County, Washington	5		Yes	
SDT response:					
31	Mike Smith – Manitoba Hydro	1		Yes	
SDT response:					
32	Andrew Gallo – Austin Energy	6		Yes	
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
33	Rachel Coyne – Texas Reliability Entity, Inc.	10		Yes	
SDT response:					
34	Yuguang Xiao – Manitoba Hydro	5		Yes	
SDT response:					
35	Chris Scanlon – Exelon	1	Exelon Utilities	Yes	
SDT response:					
36	Martin Boisvert – Hydro-Quebec TransEnergie	1		Yes	
SDT response:					
37	Erika Doot – U.S. Bureau of Reclamation	5		Yes	
SDT response:					
38	Jason Smith – Southwest Power Pool, Inc. (RTO)	2	SPP Standards Review Group	Yes	For Phase 2, we suggest reviewing the term 'Agreement' as it is a defined term and its usage appears to also be intended to have the meaning of the defined term.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the					

#	Commenter Organization	Segment	Group name	Y/N	Comment
decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
39	Manon Paquet – On Behalf of: Roger Dufresne, Hydro-Quebec Production	1, 5		Yes	
SDT response:					
40	Robert A. Schaffeld – Southern Company - Southern Company Services, Inc.	1		Yes	
SDT response:					
41	Ben Engelby – ACES Power Marketing	6	ACES Standards Collaborators - Terms Project	No	"Transmission" and "Agreement" are defined terms and the drafting team should consider if they should be capitalized.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
42	Andy Bolivar – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
43	Kathleen Black –	3,4,5		Yes	

#	Commenter Organization	Segment	Group name	Y/N	Comment
	DTE Energy				
SDT response:					
44	Jennifer Losacco – NextEra Energy - Florida Power and Light Co.	1		Yes	
SDT response:					
45	Jared Shakespeare – Peak Reliability	1		Yes	
SDT response:					
46	Tony Eddleman – Nebraska Public Power District	3		Yes	
SDT response:					
47	Bernard Johnson – Oglethorpe Power Corporation	5		Yes	
SDT response:					
48	Colby Bellville – Duke Energy	1,3,5,6	Duke Energy	Yes	
SDT response:					
49	Andrea Jessup – Bonneville Power Administration	1,3,5,6		Yes	
SDT response:					

End of Report

Consideration of Comments

Project Name: 2015-04 Alignment of Terms

Comment Period Start Date: 6/13/2015

Comment Period End Date: 7/27/2015

Associated Ballots: N/A

The Industry Segments are:

1 — Transmission Owners
2 — RTOs, ISOs
3 — Load-serving Entities
4 — Transmission-dependent Utilities
5 — Electric Generators
6 — Electricity Brokers, Aggregators, and Marketers
7 — Large Electricity End Users
8 — Small Electricity End Users
9 — Federal, State, Provincial Regulatory or other Government Entities
10 — Regional Reliability Organizations, Regional Entities

MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

PSEG

Group Member Name	Entity	Region	Segments
Joseph Smith	Public Service Electric and Gas	RFC	1
Jeffrey Mueller	Public Service Electric and Gas Co.	RFC	3
Tim Kucey	PSEG Fossil LLC	RFC	5
Karla Jara	PSEG Energy Resources & Trade LLC	RFC	6

Dominion

Group Member Name	Entity	Region	Segments
Mike Garton	NERC Compliance Policy	N/A	1,3,5,6
Randi Heise	NERC Compliance Policy	N/A	1,3,5,6

Connie Lowe	NERC Compliance Policy	N/A	1,3,5,6
Louis Slade	NERC Compliance Policy	N/A	1,3,5,6
Chip Humphrey	Power Generation Compliance	N/A	5
Nancy Ashberry	Power Generation Compliance	RFC	5
Dan Goyne	Power Generation Compliance	N/A	5
Jarad L Morton	Power Generation Compliance	NPCC	5
Larry Whanger	Power Generation Compliance	SERC	5
Larry Nash	Electric Transmission Compliance	SERC	1,3
Angela Park	Electric Transmission Compliance	SERC	1,3
Candace L Marshall	Electric Transmission Compliance	SERC	1,3
Larry W Bateman	Electric Transmission Compliance	SERC	1,3
John Calder	Electric Transmission Compliance	SERC	1,3
Jeffrey N Bailey	Nuclear Compliance	SERC	5
Tom Huber	Nuclear Compliance	NPCC	5

NPCC--Project 2015-04

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5

Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1
Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5
Kathleen Goodman	ISO - New England	NPCC	2
Robert Pellegrini	The United Illuminating Company	NPCC	1

Colorado Springs Utilities

Group Member Name	Entity	Region	Segments
Shawna Speer	Colorado Springs Utilities	WECC	1
Charlie Morgan	Colorado Springs Utilities	WECC	3
Shannon Fair	Colorado Springs Utilities	WECC	6
Kaleb Brimhall	Colorado Springs Utilities	WECC	5

IRC Standards Review Committee

Group Member Name	Entity	Region	Segments
Christina Bigelow	ERCOT	TRE	2
Kathleen Goodman	ISO-NE	NPCC	2
Mark Holman	PJM	RFC	2
Charles Yeung	SPP	SPP	2
Ben Li	IESO	NPCC	2
Greg Campoli	NYISO	NPCC	2
Terry Bilke	MISO	RFC	2

Ali Miremadi	CAISO	WECC	2

Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
Mike Buyce	City Utilities of Springfield Missouri	SPP	1,4
Kevin Giles	Westar Energy	SPP	1,3,5,6
Robert Hirchak	Cleco Power	SPP	1,3,5,6
Tara Lightner	Sunflower Electric Power Cooperative	SPP	1
Jason Smith	Southwest Power Pool	SPP	2
Mahmood Safi	Omaha Public Power District	MRO	1,3,5
Don Schmit	Nebraska Public Power District	MRO	1,3,5
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
John Allen	City Utilities of Springfield Missouri	SPP	1,4
Louis Guidry	Cleco Power	SPP	1,3,5,6

ACES Standards Collaborators - Terms Project

Group Member Name	Entity	Region	Segments
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1
Amber Skillern	East Kentucky Power Cooperative	SERC	1,3
Scott Brame	North Carolina Electric Membership Corporation	SERC	3,4,5
Shari Heino	Brazos Electric Power Cooperative, Inc.	TRE	1,5
Ginger Mercier	Prairie Power, Inc.	SERC	1,3
Mark Ringhausen	Old Dominion Electric Cooperative	RFC	3,4
Bill Hutchison	Southern Illinois Power Cooperative	SERC	1
Chip Koloini	Golden Spread Electric Cooperative, Inc.	SPP	5
Laurel Heacock	Oglethorpe Power Corporation	SERC	5,6

Mohan Sachdeva	Buckeye Power, Inc.	RFC	4

Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Question

If you have additional comments on the proposed revisions to the Glossary definitions that you have not provided in your responses above, please provide them here.

#	Commenter Organization	Segment	Group name	Y/N	Comment
3	Leonard Kula – Independent Electricity System Operator	2			We commented on the SAR to highlight the importance of achieving total consistency across the terms defined in Reliability Standards, RoP and Functional Model, and suggested that the purpose statement, scope of work, goals and detail description of work of this project be expanded to include reviewing terms defined in the Functional Model. We noticed that the proposed changes to the NERC Glossary (and the ROP) do not appear to be fully aligned with the terms defined in the FM. We suggest the drafting team to follow-up on its proposed approach outlined in the response to our comment, that: "… The drafting team work for Project 2015-04 will focus on aligning the cross-over terms in the Glossary and ROP. The Functional Model Advisory Group will be provided with the results of the drafting team work, so that appropriate changes can be made to the Functional Model." We once again propose the SDT to make the appropriate changes to the terms defined in the three documents as necessary and appropriate to achieve total consistency. We do not believe changes to the FM are outside of the scope of the project, but where in the SDT's opinion this is the case, we suggest that the SDT amend the SAR to include the terms defined in the FM.
SDT response: Thank you for your comments; however, modifications to the Functional Model fall outside the permissible scope of the work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
11	Lee Pedowicz – Northeast Power Coordinating Council	10	NPCC--Project 2015-04		[1] Is there a NERC endorsed consistent format for capitalization when you have a term that is made up of several words, and is not defined in the NERC Glossary, but some of the words are defined? For example, in PRC-002-2 Disturbance Monitoring and Reporting Requirements, the Standard uses the term dynamic

#	Commenter Organization	Segment	Group name	Y/N	Comment
					Disturbance recording. Only Disturbance is capitalized because it is the only word in the NERC Glossary. [2] This Comment Form is asking for input on the alignment of the terms in the NERC Glossary and the RoP. To ensure a comprehensive comparison and review, why aren't all the terms listed in the Proposed Revisions to Appendix 2 of the Rules of Procedure - Project 2015-04 Alignment of Terms included in this Comment Form? [3] The term 'Reliable Operation' must be also capitalized in the definition of 'Frequency Response Obligation'; 'Interconnected Operations Service' or archive terms such as 'Frequency Bias Setting' 2005; 'Overlap Regulation Service'.

SDT response:

[1] Thank you for your comments. The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.

[2] Because there are separate and distinct processes for revising definitions in the Glossary and the ROP, the commenting for the Glossary and ROP was conducted separately. The Glossary definition revision process is governed by the Standards Process Manual (see, Section 5). The definition development process, for the most part, mirrors the process for standards development. The ROP revision process is governed by Section 1400 of the ROP, and the ROP revisions are being proposed by the Standards Committee pursuant to those provisions. However, both 45-day comment periods ran simultaneously because the proposed revisions to the Glossary and ROP are inextricably linked.

[3] As outlined above, the drafting team agrees that there should be consistency in capitalization throughout the NERC defined terms. The drafting team will provide a recommendation regarding capitalization consistency during Phase 2 of this project.

#	Commenter Organization	Segment	Group name	Y/N	Comment
22	Si Truc Phan – Hydro-Quebec TransEnergie	1			On phase II of this project, Suggest to change the term 'Interchange Authority' to 'Interchange Coordinator' to harmonize with Planning Coordinator, Reliability Coordinator, etc.
SDT response: Thank you for your comments; however, the drafting team did not identify "Interchange Authority" or "Interchange Coordinator" as terms for which it will develop a SAR. To the extent that you believe the issues identified in your comments should be addressed by a development project, the drafting team encourages you to submit a SAR outlining the issues and your proposed recommendations for resolving those issues.					
23	Christina Bigelow – Electric Reliability Council of Texas, Inc.	2	IRC Standards Review Committee		[1] The SRC respectfully suggests that this project and the proposed additional phases have the potential to result in additional revisions to Reliability Standards through official efforts as well as unintentional consequences to the meaning and/or intent of Reliability Standards. While achieving consistency is an important effort, the maintenance of multiple definitions and the modification of definitions outside of specific, focused drafting processes for particular standards could exacerbate the potential for adverse and unintended consequences. Hence, the SRC would recommend that the SDT re-consider its proposal for additional phases and provide any proposed or recommended revisions for definitions to the SDTs or periodic review teams associated with affected Reliability Standards where impacts are standard-specific. [2] The SRC respectfully suggests that the SDT utilize this effort to define the Glossary of terms Used in Reliability Standards as the primary repository of defined terms for all NERC documents. There are opportunities in other documents to cross-reference the Glossary and such opportunities should be seized to facilitate and maintain consistency on an ongoing basis. As an example, the last paragraph of the General Section of Appendix 2 of the Rules of Procedure provides statements referencing terms having their "commonly understood" and "technical meanings." As the Rules of Procedure already provides for cross-referencing to "define" terms, the SRC respectfully suggests that, to reduce the potential for inconsistent terms on the future, NERC utilize a cross-reference to the NERC Glossary of Terms Used In Reliability Standards and only define those terms that are specific to the Rules of Procedure or are defined differently as a result of their usage in Rules of Procedure. This would simplify the Rules Of Procedure, reduce ongoing confusion regarding the differing "glossaries" and facilitate ongoing consistency. To effect this recommendation, the SRC suggests

#	Commenter Organization	Segment	Group name	Y/N	Comment
					that the paragraph in the General Section beginning "Definitions of terms in this Appendix…" be deleted and the following paragraph modified by adding the following sentence at its beginning: "Defined Terms utilized in these Rules of Procedure shall have the definition provided in the NERC Glossary of Terms Used In Reliability Standards unless otherwise defined below. Other terms used on the Rules of Procedure…." [3] To reiterate its comments above, the SRC commented on the SAR to highlight the importance of achieving total consistency across the terms defined in Reliability Standards, Rules of Procedure, and Functional Model, and suggested that the purpose statement, scope of work, goals and detail description of work of this project be expanded to include reviewing terms defined in the Functional Model. As noted, the proposed changes to the NERC Glossary (and the Rules Of Procedure) do not appear to be fully aligned with the terms defined in the Functional Model. The SRC suggests that the drafting team reconsider its proposed approach outlined in the response to our comment, that: "… The drafting team work for Project 2015-04 will focus on aligning the cross-over terms in the Glossary and Rules Of Procedure. The Functional Model Advisory Group will be provided with the results of the drafting team work, so that appropriate changes can be made to the Functional Model." As noted in the White Paper regarding the Proposed Revisions to Align Definitions in the Glossary of Terms and Rules of Procedure, discrete revision processes were a cause of several terms becoming incongruent. To avoid a similar result with the process to revise the Functional Model, it is recommended that the SAR be revised to allow all definitions changes not associated with specific reliability standards to be consolidated into one effort. Thus, the SRC recommends that the SDT make the appropriate changes to the terms defined in the three documents as necessary and appropriate to achieve total consistency. [4] Finally, the SDT should ensure that the definitions are consistent when it comes to the use of the terms "Bulk Power System" and "Bulk Electric

#	Commenter Organization	Segment	Group name	Y/N	Comment
					System." If this cannot be done in Phase 1 of the project, then it should be evaluated in the proposed future phases.

SDT response:

[1] Thank you for your comments. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations.

[2] The drafting team agrees that in some respects it would be easier to have one document containing all of the NERC defined terms. However, due to the differences in how the two sources are revised and the differences in how the terms are used, the team is not recommending that the two sources are combined. The drafting team notes that the defined terms included in the Glossary and ROP are applicable only with regard to the source in which they are defined (Glossary terms only apply to Reliability Standards, whereas ROP terms only apply to provisions of the ROP). Given that the Reliability Standards and the ROP address very different subject matters and serve different purposes, the definitions are developed and maintained separately. Additionally, the process for revising Glossary terms is substantially different than for revising ROP terms. Glossary terms must be developed (and revised) in the same manner as Reliability Standards - by a drafting team and subject to industry ballot and approval (See Section 5 of the Standards Process Manual). On the other hand, revisions to the Rules of Procedure (including the defined terms found in Appendix 2) are undertaken through Section 1400 of the Rules of Procedure. As indicated above, during Phase 2 of this project, the drafting team will develop recommendations to prevent future misalignment or inconsistencies in NERC defined terms. The team will consider the issues raised in your comments during the Phase 2 development stage.

[3] The drafting team understands your concern; however, modifications to the Functional Model fall outside the permissible scope of the work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.

[4] The drafting team agrees that in the Reliability Standards, Glossary, and ROP there are instances of inconsistent or incorrect usage or application of the terms Bulk Electric System (BES) and Bulk Power System (BPS). Because the SAR limits this drafting team to alignment of the definitions in the Glossary and ROP, the team did not address this issue. However, during Phase 2 of this project, the drafting team will consider a recommendation that an effort is undertaken to assess usage of the BES and BPS throughout the Reliability Standards, Glossary, and ROP for the purpose of ensuring proper usage and application of the various terms given the particular context. The drafting team *highly* encourages you to attend the next Project 2015-04 meeting which will focus on development of the SAR and Phase 2 recommendations.

#	Commenter Organization	Segment	Group name	Y/N	Comment
26	Linda Jacobson-Quinn – City of Farmington	3			The NERC Glossary and Terms and NERC Rules of Procedure fail to align (and in some instances contradict) the NERC Functional Model. In order provide consistency and clarity to the industry, the NERC Functional Model should be reviewed and revised.
SDT response: Thank you for your comments; however, modifications to the Functional Model fall outside the permissible scope of the work for this project. As outlined in the SAR, the drafting team revisions were limited to alignment of the *existing* language of the Glossary and ROP cross-over terms. As part of Phase 2 of this project, the drafting team will make a recommendation to the Standards Committee that the Functional Model Advisory Group (FMAG) update the Functional Model to incorporate the industry-approved alignment revisions. Note that the purpose of the FMAG is to maintain the NERC Reliability Functional Model and the associated Technical Documents at the direction of the Standards Committee (SC) to ensure the model correctly reflects the industry today and evaluates and incorporates new and emergent reliability related tasks. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
31	Mike Smith – Manitoba Hydro	1			Numerous Glossary of Terms definitions not identified in this project require modification to align with whichever approach is consistently applied for referencing defined terms with suffixes that modify how the defined term appears (ex. "Facility" being referenced as "Facilities" or "Facility(ies)"). Once a unified approach is determined, it should be applied to all instances when referencing this defined term, in addition to other defined terms where the suffix modifies how the term appears in the Glossary.
SDT response: Thank you for your comments. The drafting team agrees that there should be consistency in form, sentence structure and capitalization throughout the NERC defined terms. For example, during the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. As part of Phase 2 of this project, the drafting team will develop recommendations to prevent future misalignment or inconsistencies in NERC defined terms. The drafting team will develop recommendations related to the issues identified in your comments. The drafting team will provide its Phase 2 recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the recommendations. The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of these Phase 2 recommendations.					
37	Erika Doot – U.S. Bureau of Reclamation	5			Reclamation would like to thank the drafting team for their efforts
SDT response:					

#	Commenter Organization	Segment	Group name	Y/N	Comment
38	Jason Smith – Southwest Power Pool, Inc. (RTO)	2	SPP Standards Review Group		[1] We truly commend the drafting team on their efforts associated with this project. However, this review group would like the drafting team to provide more clarity on what Legal Documentation serves as the foundation (carries the most weight) or driving force to the project. We see that the Federal Power Act was mentioned several times in association with the Glossary of Terms and Rules of Procedure (RoP). We feel this clarification will definitely help give the industry a better understanding of how the drafting team developed their recommendations for phase I and phase II of this project. [2] Additionally, we suggest to the drafting team to evaluate the term 'Interpersonal Communication' in COM-001-2. The review group feels that there is an uncertainty on the intent of the phrase 'any medium' within the definition. We would like to see more clarity provided on what this phrase is applicable to. Would this phrase be applicable only to real-time communication? Is it just for audible methods or does visual fit the equation? For example in Requirement R9, there is confusion on what is intended by the phrase 'initiate action to repair or designate a replacement'. Additionally in Requirement R10, our concern would be what would be designated as a 'medium' in this process (when does the time start). We're not sure if this term qualifies for either phase of your project but, we figured that it wouldn't hurt to mention our concern in reference to this particular term.
SDT response: [1] The primary governing authorities are the statutes and implementing regulations of the applicable governmental authorities in each jurisdiction of the ERO, pursuant to which the NERC ROP and Reliability Standards are approved and made effective. [2] Thank you for your comments; however, the proposed actions are outside of the scope of work for this project. To the extent that you believe the issues with the term "Interpersonal Communication" should be addressed by a development project, the drafting team encourages you to submit a SAR outlining the issues and your proposed recommendations for resolving those issues. Also, the drafting team notes that Project 2015-07 Internal Communications Capabilities is currently an active standards development project. The team suggests attending the Project 2015-07 meeting and voicing your concerns to that team.					
39	Manon Paquet – On Behalf of: Roger Dufresne, Hydro-Quebec Production	1, 5			In project 2015-04 many interrogations have been raised. We know that they will be treated in phase 2 but we want to address them in this section in order to let you know our concerns.

#	Commenter Organization	Segment	Group name	Y/N	Comment
					[1] The term "unit" is not define in neither glossary of terms nor rules of procedures. [2] In the glossary of terms, page 94, in the NPCC section, the "generating plant" definition could be in conflict with other definitions.
SDT response: [1] Thank you for your comments; however, the proposed actions are outside of the scope of work for this project. To the extent that you believe a definition should be developed for the term "unit," the drafting team encourages you to submit a SAR outlining why a definition should be created. The drafting team notes that as part of Phase 2, the team will submit a SAR recommending revisions to the definition of "Facility." The drafting team highly encourages you to attend the next Project 2015-04 meeting which will focus on development of these Phase 2 recommendations. [2] Regional definitions were not included as part of the continent-wide project. The regional revision process is conducted separate and apart from the NERC continent-wide development process. To the extent you believe an issue exists with the definition of "generating plant," the drafting team encourages you to bring it to the attention of your regional entity.					
41	Ben Engelby – ACES Power Marketing	6	ACES Standards Collaborators - Terms Project		[1] For each definition that is modified, an evaluation of its use in every requirement should be performed to ensure that the meaning of the requirement is not unintentionally modified. This evaluation should be documented for review by industry during the next posting. [2] We also recommend that the drafting team develop a white paper or technical reference document to clarify when the drafting team intended to have lowercase defined terms. There are compliance implications with lowercase terms and guidance should clarify the intended meanings of these terms. If the drafting team does not decide to choose this course of action, we recommend that the drafting team consider replacing lowercase Glossary/ROP terms with other language to avoid confusion and ambiguity.
SDT response: [1] As part of Phase 1 for this project, the drafting team identified all existing defined terms that are contained in both the Glossary and the ROP ("cross-over terms"), and to the extent there were definitional differences, assessed whether alignment revisions should be made. For each of the cross-over terms under consideration, the drafting team undertook substantial background research before determining whether alignment revisions were appropriate, including an examination of the history of the term's definition, previous drafting teams' intent, relevant NERC filings to FERC, and any FERC orders approving the term's definition. Additionally, the SDT examined how each term is used in the Glossary, Reliability Standards, and ROP provisions, and how any proposed revisions will					

#	Commenter Organization	Segment	Group name	Y/N	Comment
affect the application of the standards or rules. Based on this thorough examination, the SDT determined whether alignment revisions were appropriate. The "Summary of Proposed Revisions to Align Cross-Over Terms" contains a detailed overview of the drafting team research and assessment for each of the cross-over terms under revision. [2] The drafting team agrees that there should be consistency in the use of capitalization throughout the NERC defined terms. During the Phase 1 work, a number of capitalization issues were identified, including, but not limited to: capitalization of a term that is not a defined term; failure to capitalize a defined term when the term has the definitional meaning; and, capitalization of a term that is a defined term but should not be capitalized because it does not have the intended meaning of the definition. However, the drafting team revisions were limited to alignment of the *existing* definitions, and therefore the team was not at liberty to address capitalization issues if the existing definitions were aligned (and the capitalization issue was present in both the ROP and Glossary definition). As part of Phase 2 of this project, the team will consider all of the capitalization issues identified during Phase 1 and develop recommendations for how to address these issues. The drafting team will provide its recommendations to the Standards Committee (SC) and NERC. It will be the decision of the SC and NERC regarding how to best proceed with the drafting team recommendations. The drafting team encourages you to attend the next Project 2015-04 meeting which will focus on development of the Phase 2 recommendations.					
49	Andrea Jessup – Bonneville Power Administration	1,3,5,6			BPA supports and appreciates NERC's efforts to bring greater consistency to the governing reliability standards documents.
SDT response:					

End of Report

Implementation Plan

Project 2015-04 – Alignment of Terms

Revisions to Defined Terms in the NERC Glossary of Terms Used in Reliability Standards

The drafting team proposes modifying the following Glossary of Terms definitions:	
<Term>	<Definition>
Blackstart Resource	A generating unit(s) and its associated set of equipment which has the ability to be started without support from the System or is designed to remain energized without connection to the remainder of the System, with the ability to energize a bus, meeting the Transmission Operator's restoration plan needs for ~~real~~ Real and ~~reactive~~ Reactive ~~power~~ Power capability, frequency and voltage control, and that has been included in the Transmission Operator's restoration plan.
Bulk Power System	Bulk~~-~~ Power System: (A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and (B) electric energy from generation facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy. (Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning.)
Cascading	The uncontrolled successive loss of ~~system~~ System ~~elements~~ Elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be restrained from sequentially spreading beyond an area predetermined by studies.
Distribution Provider	Provides and operates the "wires" between the transmission system and the end-use customer. For those end-use customers who are served at transmission voltages, the Transmission Owner also serves as the Distribution Provider. Thus, the Distribution Provider is not defined by a specific voltage, but rather as performing the ~~Distribution~~ distribution function at any voltage.

Element	Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An ~~element~~ Element may be comprised of one or more components.
Generator Operator	The entity that operates generating Facility(ies) ~~unit(s)~~ and performs the functions of supplying energy and Interconnected Operations Services.
Generator Owner	Entity that owns and maintains generating Facility(ies)~~units~~.
Interchange Authority	The responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communication of Interchange information for reliability assessment purposes.
Interconnected Operations Service	A service (exclusive of basic energy and ~~transmission~~ Transmission ~~services~~Services) that is required to support the ~~reliable~~ Reliable ~~operation~~ Operation of interconnected Bulk Electric Systems.
Interconnection	A geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control. When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.
Load-Serving Entity	Secures energy and ~~transmission~~ Transmission ~~service~~ Service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.
Planning Authority	The responsible entity that coordinates and integrates transmission ~~facility~~ Facilities and service plans, resource plans, and ~~protection~~ Protection ~~systems~~Systems.

Point of Receipt	A location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a ~~Generator~~ generator delivers its output.
Reactive Power	The portion of electricity that establishes and sustains the electric and magnetic fields of alternating-current equipment. Reactive ~~power~~ Power must be supplied to most types of magnetic equipment, such as motors and transformers. It also must supply the reactive losses on transmission facilities. Reactive ~~power~~ Power is provided by generators, synchronous condensers, or electrostatic equipment such as capacitors and directly influences electric system voltage. It is usually expressed in kilovars (kvar) or megavars (Mvar).
Real Power	The portion of electricity that supplies energy to the ~~load~~Load.
Reliability Coordinator	The entity that is the highest level of authority who is responsible for the ~~reliable~~ Reliable ~~operation~~ Operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis and real-time operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.
Reliability Standard	A requirement, approved by the United States Federal Energy Regulatory Commission under ~~this~~ Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for ~~reliable operation [~~Reliable Operation~~]~~ of the ~~bulk-power system [~~Bulk~~-~~ Power System~~]~~. The term includes requirements for the operation of existing ~~bulk-power system [~~Bulk~~-~~ Power System~~]~~ facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for ~~reliable operation [~~Reliable Operation~~]~~ of the ~~bulk-power system [~~Bulk~~-~~ Power System~~]~~, but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity.

Reliable Operation	Operating the elements of the ~~bulk-power system [~~Bulk~~-~~ Power System~~]~~ within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements.
Reserve Sharing Group	A group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (e.g., ten minutes). If the transaction is ramped in quicker (e.g., between zero and ten minutes) then, for the purposes of ~~Disturbance~~ disturbance ~~Control~~ control ~~Performance~~performance, the ~~Areas~~ areas become a Reserve Sharing Group.
Resource Planner	The entity that develops a long-term (generally one year and beyond) plan for the resource adequacy of specific loads (customer demand and energy requirements) within a Planning Authority ~~Area~~area.
System Operating Limit	The value (such as MW, ~~MVar~~Mvar, ~~Amperes~~amperes, ~~Frequency~~ frequency or ~~Volts~~volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to: • Facility Ratings (~~Applicable~~ applicable pre- and post-Contingency ~~equipment~~ Equipment Ratings or ~~facility~~ Facility ~~ratings~~Ratings) • ~~Transient~~ transient ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Stability~~ stability ~~Limits~~limits) • ~~Voltage~~ voltage ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Stability~~stability) • ~~System~~ system ~~Voltage~~ voltage ~~Limits~~ limits (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Limits~~limits)

Transmission Customer	1. Any eligible customer (or its designated agent) that can or does execute a ~~transmission~~ Transmission ~~service~~ Service agreement or can or does receive ~~transmission~~ Transmission ~~service~~Service. 2. Any of the following ~~responsible~~ entities: Generator Owner, Load-Serving Entity, or Purchasing-Selling Entity.
Transmission Operator	The entity responsible for the reliability of its "local" transmission system, and that operates or directs the operations of the transmission ~~facilities~~Facilities.
Transmission Owner	The entity that owns and maintains transmission ~~facilities~~Facilities.
Transmission Planner	The entity that develops a long-term (generally one year and beyond) plan for the reliability (adequacy) of the interconnected bulk electric transmission systems within its portion of the Planning Authority ~~Area~~area.
Transmission Service Provider	The entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable ~~transmission~~ Transmission ~~service~~ Service agreements.

Requested Retirements

- None

Prerequisite Approvals

It is requested that all proposed changes to the definitions in the NERC Rules of Procedure are approved contemporaneously with the proposed revisions to the Glossary of Terms. Additionally, it is requested that the proposed revisions do not take effect until the first day of the first calendar quarter beyond the date that the definitions are approved by applicable regulatory authorities, but no earlier than 07/01/2016.

Background

The purpose of Project 2015-04 – Alignment of Terms is to align the defined terms found in the NERC Glossary of Terms found in Reliability Standards and the Rules of Procedure. This project is necessary because currently there are defined terms that appear in both the Glossary and ROP that are inconsistent in substance and form. This causes industry confusion and may lead to inconsistent interpretation or application of the meaning of a term. Consistent definitions will enhance reliability because owners, users and operators of the BES, along with the ERO Enterprise, will have a clear and consistent understanding of the terminology used in the NERC Reliability Standards and ROP. Of the fifty-five (55) cross-over terms, forty (40) contain inconsistencies or differences in the definition narratives. To achieve consistency and alignment of these cross-over terms, the SDT is proposing revisions to twenty-six (26) Glossary terms and sixteen (16) ROP terms.

Effective Date

The definitions shall be added to the NERC Glossary of Terms used in Reliability Standards effective on the first day of the first calendar quarter beyond the date that the definitions are approved by applicable regulatory authorities, but no earlier than 07/01/2016, or in those jurisdictions where regulatory approval is not required, the definitions become effective on the first day of the first calendar quarter beyond the date this standard is approved by the NERC Board of Trustees, but no earlier than 07/01/2016, or as otherwise made effective pursuant to the laws applicable to such governmental authorities.

Proposed Revisions to the Glossary of Terms

Project 2015-04 – Alignment of Terms

#	Term	Existing Glossary definition	Redline of Glossary definition
4	Blackstart Resource	A generating unit(s) and its associated set of equipment which has the ability to be started without support from the System or is designed to remain energized without connection to the remainder of the System, with the ability to energize a bus, meeting the Transmission Operator's restoration plan needs for real and reactive power capability, frequency and voltage control, and that has been included in the Transmission Operator's restoration plan.	A generating unit(s) and its associated set of equipment which has the ability to be started without support from the System or is designed to remain energized without connection to the remainder of the System, with the ability to energize a bus, meeting the Transmission Operator's restoration plan needs for ~~real~~ Real and ~~reactive~~ Reactive ~~power~~ Power capability, frequency and voltage control, and that has been included in the Transmission Operator's restoration plan.
6	Bulk-Power System	Bulk-Power System: A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and (B) electric energy from generation facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy.	Bulk~~-~~ Power System: (A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and (B) electric energy from generation facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy. (Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning.)

7	Cascading	The uncontrolled successive loss of system elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be restrained from sequentially spreading beyond an area predetermined by studies.	The uncontrolled successive loss of ~~system~~ System ~~elements~~ Elements triggered by an incident at any location. Cascading results in widespread electric service interruption that cannot be restrained from sequentially spreading beyond an area predetermined by studies.
13	Distribution Provider	Provides and operates the "wires" between the transmission system and the end-use customer. For those end-use customers who are served at transmission voltages, the Transmission Owner also serves as the Distribution Provider. Thus, the Distribution Provider is not defined by a specific voltage, but rather as performing the Distribution function at any voltage.	Provides and operates the "wires" between the transmission system and the end-use customer. For those end-use customers who are served at transmission voltages, the Transmission Owner also serves as the Distribution Provider. Thus, the Distribution Provider is not defined by a specific voltage, but rather as performing the ~~Distribution~~ distribution function at any voltage.
14	Element	Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An element may be comprised of one or more components.	Any electrical device with terminals that may be connected to other electrical devices such as a generator, transformer, circuit breaker, bus section, or transmission line. An ~~element~~ Element may be comprised of one or more components.
17	Generator Operator	The entity that operates generating unit(s) and performs the functions of supplying energy and Interconnected Operations Services.	The entity that operates generating Facility(ies) ~~unit(s)~~ and performs the functions of supplying energy and Interconnected Operations Services.
18	Generator Owner	Entity that owns and maintains generating units.	Entity that owns and maintains generating Facility(ies)~~units~~.

20	Interchange Authority	The responsible entity that authorizes implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communication of Interchange information for reliability assessment purposes.	The responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communication of Interchange information for reliability assessment purposes.
24	Interconnected Operations Service	A service (exclusive of basic energy and transmission services) that is required to support the reliable operation of interconnected Bulk Electric Systems.	A service (exclusive of basic energy and ~~transmission~~ Transmission ~~services~~Services) that is required to support the ~~reliable~~ Reliable ~~operation~~ Operation of interconnected Bulk Electric Systems.
25	Interconnection	**Effective beginning 7/1/16**: When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.	A geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control. When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.
28	Load-Serving Entity	Secures energy and transmission service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.	Secures energy and ~~transmission~~ Transmission ~~service~~ Service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.

31	Planning Authority	The responsible entity that coordinates and integrates transmission facility and service plans, resource plans, and protection systems.	The responsible entity that coordinates and integrates transmission ~~facility~~ Facilities and service plans, resource plans, and ~~protection~~ Protection ~~systems~~Systems.
33	Point of Receipt	A location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a Generator delivers its output.	A location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a ~~Generator~~ generator delivers its output.
36	Reactive Power	The portion of electricity that establishes and sustains the electric and magnetic fields of alternating-current equipment. Reactive power must be supplied to most types of magnetic equipment, such as motors and transformers. It also must supply the reactive losses on transmission facilities. Reactive power is provided by generators, synchronous condensers, or electrostatic equipment such as capacitors and directly influences electric system voltage. It is usually expressed in kilovars (kvar) or megavars (Mvar).	The portion of electricity that establishes and sustains the electric and magnetic fields of alternating-current equipment. Reactive ~~power~~ Power must be supplied to most types of magnetic equipment, such as motors and transformers. It also must supply the reactive losses on transmission facilities. Reactive ~~power~~ Power is provided by generators, synchronous condensers, or electrostatic equipment such as capacitors and directly influences electric system voltage. It is usually expressed in kilovars (kvar) or megavars (Mvar).
37	Real Power	The portion of electricity that supplies energy to the load.	The portion of electricity that supplies energy to the ~~load~~Load.
38	Reliability Coordinator	The entity that is the highest level of authority who is responsible for the reliable operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis and real-time	The entity that is the highest level of authority who is responsible for the ~~reliable~~ Reliable ~~operation~~ Operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in

		operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.	both next-day analysis and real-time operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.
40	Reliability Standard	A requirement, approved by the United States Federal Energy Regulatory Commission under this Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk-Power System]. The term includes requirements for the operation of existing bulk-power system [Bulk-Power System] facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk-Power System], but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity.	A requirement, approved by the United States Federal Energy Regulatory Commission under ~~this~~ Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for ~~reliable operation [~~Reliable Operation~~]~~ of the ~~bulk-power system [~~Bulk~~-~~ Power System~~]~~. The term includes requirements for the operation of existing ~~bulk-power system [~~Bulk~~-~~ Power System~~]~~ facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for ~~reliable operation [~~Reliable Operation~~]~~ of the ~~bulk-power system [~~Bulk~~-~~ Power System~~]~~, but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity.
41	Reliable Operation	Operating the elements of the bulk-power system [Bulk-Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements.	Operating the elements of the ~~bulk-power system [~~Bulk~~-~~ Power System~~]~~ within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements.

42	Reserve Sharing Group	A group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (e.g., ten minutes). If the transaction is ramped in quicker (e.g., between zero and ten minutes) then, for the purposes of Disturbance Control Performance, the Areas become a Reserve Sharing Group.	A group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority's use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (*e.g.*, ten minutes). If the transaction is ramped in quicker (*e.g.*, between zero and ten minutes) then, for the purposes of ~~Disturbance~~ disturbance ~~Control~~ control ~~Performance~~performance, the ~~Areas~~ areas become a Reserve Sharing Group.
43	Resource Planner	The entity that develops a long-term (generally one year and beyond) plan for the resource adequacy of specific loads (customer demand and energy requirements) within a Planning Authority Area.	The entity that develops a long-term (generally one year and beyond) plan for the resource adequacy of specific loads (customer demand and energy requirements) within a Planning Authority ~~Area~~area.
48	System Operating Limit	The value (such as MW, MVar, Amperes, Frequency or Volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to: • Facility Ratings (Applicable pre- and post-Contingency equipment or facility ratings)	The value (such as MW, ~~MVar~~Mvar, ~~Amperes~~amperes, ~~Frequency~~ frequency or ~~Volts~~volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to:

		• Transient Stability Ratings (Applicable pre- and post-Contingency Stability Limits) • Voltage Stability Ratings (Applicable pre- and post-Contingency Voltage Stability) • System Voltage Limits (Applicable pre- and post-Contingency Voltage Limits)	• Facility Ratings (~~Applicable~~ applicable pre- and post-Contingency ~~equipment~~ Equipment Ratings or ~~facility~~ Facility ~~ratings~~Ratings) • ~~Transient~~ transient ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Stability~~ stability ~~Limits~~limits) • ~~Voltage~~ voltage ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Stability~~stability) • ~~System~~ system ~~Voltage~~ voltage ~~Limits~~ limits (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Limits~~limits)
49	Transmission Customer	1. Any eligible customer (or its designated agent) that can or does execute a transmission service agreement or can or does receive transmission service. 2. Any of the following responsible entities: Generator Owner, Load-Serving Entity, or Purchasing-Selling Entity.	1. Any eligible customer (or its designated agent) that can or does execute a ~~transmission~~ Transmission ~~service~~ Service agreement or can or does receive ~~transmission~~ Transmission ~~service~~Service. 2. Any of the following ~~responsible~~ entities: Generator Owner, Load-Serving Entity, or Purchasing-Selling Entity.
50	Transmission Operator	The entity responsible for the reliability of its “local” transmission system, and that operates or directs the operations of the transmission facilities.	The entity responsible for the reliability of its “local” transmission system, and that operates or directs the operations of the transmission ~~facilities~~Facilities.
51	Transmission Owner	The entity that owns and maintains transmission facilities.	The entity that owns and maintains transmission ~~facilities~~Facilities.

52	Transmission Planner	The entity that develops a long-term (generally one year and beyond) plan for the reliability (adequacy) of the interconnected bulk electric transmission systems within its portion of the Planning Authority Area.	The entity that develops a long-term (generally one year and beyond) plan for the reliability (adequacy) of the interconnected bulk electric transmission systems within its portion of the Planning Authority ~~Area~~area.
54	Transmission Service Provider	The entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable transmission service agreements.	The entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable ~~transmission~~ Transmission ~~service~~ Service agreements.

Proposed Errata or Non-Substantive Revisions to Glossary Terms

Project 2015-04 – Alignment of Terms

Based on the comments received from industry, the drafting team elected to make errata or non-substantive revisions to four (4) of the alignment revisions that were posted for initial ballot. These errata or non-substantive revisions are minor in nature and do not change the meaning or application of any of the defined terms.

Term 6: Bulk-Power System

Existing definition

A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and
(B) electric energy from generation facilities needed to maintain transmission system reliability.
The term does not include facilities used in the local distribution of electric energy.

Proposed alignment revisions (Initial ballot)

(A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and
(B) electric energy from generation facilities needed to maintain transmission system reliability.
The term does not include facilities used in the local distribution of electric energy. (In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1], defined terms contained in this narrative are not capitalized.) Note that the terms “Bulk-Power System” or “Bulk Power System” shall have the same meaning.

Proposed alignment revisions (Redline of initial ballot revisions)

(A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and

(B) electric energy from generation facilities needed to maintain transmission system reliability.

The term does not include facilities used in the local distribution of electric energy. ~~(In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1], defined terms contained in this narrative are not capitalized.)~~ (Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning.)

Proposed alignment revisions (Redline of existing definition)

(A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and

(B) electric energy from generation facilities needed to maintain transmission system reliability.

The term does not include facilities used in the local distribution of electric energy. (Note that the terms "Bulk-Power System" or "Bulk Power System" shall have the same meaning.)

Term 40: Reliability Standard

Existing definition

A requirement, approved by the United States Federal Energy Regulatory Commission under this Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk-Power System]. The term includes requirements for the operation of existing bulk-power system [Bulk-Power System] facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk-Power System], but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity.

Proposed alignment revisions (Initial Ballot)

A requirement, approved by the United States Federal Energy Regulatory Commission under ~~this~~ Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk~~-~~ Power System]. The term includes requirements for the operation of existing bulk-power system [Bulk~~-~~ Power System] facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for reliable operation [Reliable Operation] of the bulk-power system [Bulk~~-~~ Power System], but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity. (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)

Proposed alignment revisions (Redline of initial ballot revisions)

A requirement, approved by the United States Federal Energy Regulatory Commission under Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for ~~reliable operation [~~Reliable Operation~~]~~ of the ~~bulk-power system [~~Bulk Power System~~]~~. The term includes requirements for the operation of existing ~~bulk-power system [~~Bulk Power System~~]~~ facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for ~~reliable operation [~~Reliable Operation~~]~~ of the ~~bulk-power system [~~Bulk Power System~~]~~, but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity. ~~(In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)~~

Proposed alignment revisions (Redline of existing definition)

A requirement, approved by the United States Federal Energy Regulatory Commission under ~~this~~ Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions, to provide for ~~reliable operation [~~Reliable Operation~~]~~ of the ~~bulk-power system [~~Bulk~~-~~ Power System~~]~~. The term includes requirements for the operation of existing ~~bulk-power system [~~Bulk~~-~~ Power System~~]~~ facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for ~~reliable operation [~~Reliable Operation~~]~~ of the ~~bulk-power system [~~Bulk~~-~~ Power System~~]~~, but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity.

Term 41: Reliable Operation (redline)

Existing definition

Operating the elements of the bulk-power system [Bulk-Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements.

Proposed alignment revisions (Initial ballot)

Operating the elements of the bulk-power system [Bulk~~-~~ Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements. (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)

Proposed alignment revisions (Redline of initial ballot revisions)

Operating the elements of the ~~bulk-power system [~~Bulk Power System~~]~~ within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements. ~~(In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)~~

Proposed alignment revisions (Redline of existing definition)

Operating the elements of the ~~bulk-power system [~~Bulk~~-~~ Power System~~]~~ within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements.

Term 48: System Operating Limit (redline)

Existing definition

The value (such as MW, MVar, Amperes, Frequency or Volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to:

- Facility Ratings (Applicable pre- and post-Contingency equipment or facility ratings)
- Transient Stability Ratings (Applicable pre- and post-Contingency Stability Limits)
- Voltage Stability Ratings (Applicable pre- and post-Contingency Voltage Stability)
- System Voltage Limits (Applicable pre- and post-Contingency Voltage Limits)

Proposed alignment revisions (Initial Ballot)

The value (such as MW, MVar, ~~A~~amperes, ~~Frequency~~ frequency or ~~Volts~~volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to:

- Facility Ratings (~~Applicable~~ applicable pre- and post-Contingency ~~equipment~~ Equipment Ratings or ~~facility~~ Facility ~~ratings~~Ratings)
- ~~Transient~~ transient ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Stability~~ stability ~~Limits~~limits)
- ~~Voltage~~ voltage ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Stability~~stability)
- ~~System~~ system ~~Voltage~~ voltage ~~Limits~~ limits (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Limits~~limits)

Proposed alignment revisions (Redline of initial ballot revisions)

The value (such as MW, ~~MVar~~Mvar, amperes, frequency or volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to:

- Facility Ratings (applicable pre- and post-Contingency Equipment Ratings or Facility Ratings)
- transient stability ratings (applicable pre- and post-Contingency stability limits)
- voltage stability ratings (applicable pre- and post-Contingency voltage stability)
- system voltage limits (applicable pre- and post-Contingency voltage limits)

Proposed alignment revisions (Redline of existing definition)

The value (such as MW, ~~MVar~~Mvar, ~~Amperes~~amperes, ~~Frequency~~ frequency or ~~Volts~~volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to:

- Facility Ratings (~~Applicable~~ applicable pre- and post-Contingency ~~equipment~~ Equipment Ratings or ~~facility~~ Facility ~~ratings~~Ratings)
- ~~Transient~~ transient ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Stability~~ stability ~~Limits~~limits)
- ~~Voltage~~ voltage ~~Stability~~ stability ~~Ratings~~ ratings (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Stability~~stability)
- ~~System~~ system ~~Voltage~~ voltage ~~Limits~~ limits (~~Applicable~~ applicable pre- and post-Contingency ~~Voltage~~ voltage ~~Limits~~limits)

NERC
NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION

Standards Announcement

Project 2015-04 Alignment of Terms

Final Ballots Open through September 14, 2015

Now Available

Final ballots for **2015-04 Alignment of Terms** are open through **8 p.m. Eastern, Monday, September 14, 2015**.

Balloting

In the final ballot, votes are counted by exception. Only members of the ballot pools may cast a vote. All ballot pool members may change their previously cast votes. A ballot pool member who failed to vote during the previous ballot period may vote in the final ballot period. If a ballot pool member does not participate in the final ballot, the member's vote from the previous ballot will be carried over as their vote in the final ballot.

Members of the ballot pools associated with this project may log in and submit their vote for the standards here. If you experience any difficulties using the Standards Balloting & Commenting System, contact Nasheema Santos.

If you are having difficulty accessing the SBS due to a forgotten password, incorrect credential error messages, or system lock-out, contact NERC IT support directly at EROhelpdesk@nerc.net (Monday – Friday, 8 a.m. - 8 p.m. Eastern).

Next Steps

The voting results for the standards will be posted and announced after the ballots close. If approved, the standards will be submitted to the Board of Trustees for adoption and then filed with the appropriate regulatory authorities.

For information on the Standards Development Process, refer to the Standard Processes Manual**.**

For more information or assistance, contact Standards Developer, Lacey Ourso (via email), or at (404) 446-2581.

North American Electric Reliability Corporation
3353 Peachtree Rd, NE
Suite 600, North Tower
Atlanta, GA 30326
404-446-2560 | www.nerc.com

BALLOT RESULTS

Ballot Name: 2015-04 Alignment of Terms Term 4: Blackstart Resource FN 2 DEF
Voting Start Date: 9/4/2015 11:23:39 AM
Voting End Date: 9/14/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: FN
Ballot Series: 2
Total # Votes: 273
Total Ballot Pool: 281
Quorum: 97.15
Weighted Segment Value: 93.13

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	65	0.985	1	0.015	0	3	1
Segment: 2	7	0.7	3	0.3	4	0.4	0	0	0
Segment: 3	64	1	59	0.983	1	0.017	0	2	2
Segment: 4	25	1	20	1	0	0	0	3	2
Segment:	61	1	57	0.983	1	0.017	0	1	2

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5									
Segment: 6	42	1	39	0.975	1	0.025	0	1	1
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.7	7	0.7	0	0	0	0	0
Totals:	281	6.9	255	6.426	8	0.474	0	10	8

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo
1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A

1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		Affirmative	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A

1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Nicolas Turcotte		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Danny Pudenz		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Negative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		Affirmative	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A

1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Charles Raney		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A

1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A

2	Electric Reliability Council of Texas, Inc.	christina bigelow		Negative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Negative	N/A
2	ISO New England, Inc.	Michael Puscas	Robert Coughlin	Negative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	N/A
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Shuye Teng		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		Affirmative	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A

3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		Affirmative	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		Affirmative	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and	Mike Anctil		None	N/A

	Power				
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Negative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Jeff Landis		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		Affirmative	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A

3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins	Chris Janick	Affirmative	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		Affirmative	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A

4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		Abstain	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Indiana Municipal Power Agency	Jack Alvey	Scott Berry	Abstain	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A

4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		Affirmative	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Black Hills Corporation	George Tatar		None	N/A
5	Boise-Kuna Irrigation District - Lucky Peak Power Plant Project	Mike Kukla		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Affirmative	N/A
5	Choctaw Generation Limited Partnership,	Rob Watson		Affirmative	N/A

	LLLP				
5	City and County of San Francisco	Daniel Mason		Abstain	N/A
5	City of Independence, Power and Light Department	Jim Nail		Affirmative	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Jeff Icke		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A

5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Negative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Affirmative	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		Affirmative	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A

5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		Affirmative	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	David Lemmons		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A

6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		Affirmative	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Negative	N/A

6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		Affirmative	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	Sing Tay	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		Affirmative	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A

6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Talen Energy Marketing, LLC	Elizabeth Davis		None	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Megan Wagner		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	Joe Spencer		Affirmative	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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BALLOT RESULTS

Ballot Name: 2015-04 Alignment of Terms Term 6: Bulk-Power System FN 2 DEF
Voting Start Date: 9/4/2015 11:24:41 AM
Voting End Date: 9/14/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: FN
Ballot Series: 2
Total # Votes: 276
Total Ballot Pool: 282
Quorum: 97.87
Weighted Segment Value: 92.89

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	64	0.97	2	0.03	0	3	1
Segment: 2	7	0.7	4	0.4	3	0.3	0	0	0
Segment: 3	64	1	57	0.95	3	0.05	0	2	2
Segment: 4	25	1	20	1	0	0	0	3	2
Segment:	61	1	55	0.932	4	0.068	0	2	0

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Segment: 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Segment: 6	42	1	38	0.95	2	0.05	0	1	1
Segment: 7	2	0.2	2	0.2	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.7	7	0.7	0	0	0	0	0
Totals:	282	7	251	6.502	14	0.498	0	11	6

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo
1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A

1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		Affirmative	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Negative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A

1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Nicolas Turcotte		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Danny Pudenz		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Negative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		Affirmative	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A

1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Charles Raney		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A

1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A

2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Negative	N/A
2	ISO New England, Inc.	Michael Puscas	John Pearson	Negative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	N/A
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Shuye Teng		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		Affirmative	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Negative	N/A

3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		Affirmative	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Negative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		Affirmative	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and	Mike Anctil		None	N/A

	Power				
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Negative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Jeff Landis		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		Affirmative	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A

3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins	Chris Janick	Affirmative	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		Affirmative	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A

4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		Abstain	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Indiana Municipal Power Agency	Jack Alvey	Scott Berry	Abstain	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A

4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		Affirmative	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		Affirmative	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Boise-Kuna Irrigation District - Lucky Peak Power Plant Project	Mike Kukla		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		Affirmative	N/A

5	City and County of San Francisco	Daniel Mason		Negative	N/A
5	City of Independence, Power and Light Department	Jim Nail		Affirmative	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Jeff Icke		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Negative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A

5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Negative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		Abstain	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Oxy - Ingleside Cogeneration LP	Michelle D'Antuono		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A

5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		Affirmative	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	David Lemmons		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A

6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Negative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		Affirmative	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Negative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A

6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		Affirmative	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	Sing Tay	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		Affirmative	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A

6	Talen Energy Marketing, LLC	Elizabeth Davis		None	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Megan Wagner		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
7	Oxy - Occidental Chemical	Venona Greaff		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	Joe Spencer		Affirmative	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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BALLOT RESULTS

Ballot Name: 2015-04 Alignment of Terms Term 7: Cascading FN 2 DEF
Voting Start Date: 9/4/2015 11:25:32 AM
Voting End Date: 9/14/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: FN
Ballot Series: 2
Total # Votes: 274
Total Ballot Pool: 280
Quorum: 97.86
Weighted Segment Value: 91.33

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	61	0.924	5	0.076	0	3	1
Segment: 2	7	0.7	5	0.5	2	0.2	0	0	0
Segment: 3	64	1	55	0.917	5	0.083	0	2	2
Segment: 4	24	1	19	0.95	1	0.05	0	2	2
Segment:	61	1	50	0.877	7	0.123	0	3	1

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Segment: 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Segment: 6	41	1	37	0.925	3	0.075	0	1	0
Segment: 7	2	0.2	2	0.2	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.7	7	0.7	0	0	0	0	0
Totals:	280	7	240	6.393	23	0.607	0	11	6

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo
1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A

1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Negative	N/A
1	Black Hills Corporation	Wes Wingen		Affirmative	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Negative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A

1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Negative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Nicolas Turcotte		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Danny Pudenz		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		Affirmative	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Negative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A

1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Charles Raney		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A

1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Negative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A

2	Electric Reliability Council of Texas, Inc.	christina bigelow		Negative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	Kathleen Goodman	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	N/A
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Shuye Teng		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Negative	N/A
3	Beaches Energy Services	Steven Lancaster		Affirmative	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Negative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A

3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		Affirmative	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		Affirmative	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Negative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and	Mike Anctil		None	N/A

	Power				
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Negative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Negative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Jeff Landis		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		Affirmative	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A

3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins	Chris Janick	Affirmative	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		Affirmative	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A

4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		Abstain	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Negative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish	John Martinsen		Affirmative	N/A

	County				
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		Affirmative	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Negative	N/A
5	Boise-Kuna Irrigation District - Lucky Peak Power Plant Project	Mike Kukla		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		Affirmative	N/A
5	City and County of San Francisco	Daniel Mason		Abstain	N/A

5	City of Independence, Power and Light Department	Jim Nail		Affirmative	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Jeff Icke		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Negative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Negative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A

5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Negative	N/A
5	Nebraska Public Power District	Don Schmit		Negative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		Abstain	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Negative	N/A
5	Oxy - Ingleside Cogeneration LP	Michelle D'Antuono		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A

5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		Affirmative	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	David Lemmons		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A

6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Negative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		Affirmative	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Negative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A

6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		Affirmative	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	Sing Tay	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Negative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		Affirmative	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A

6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Megan Wagner		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
7	Oxy - Occidental Chemical	Venona Greaff		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	Joe Spencer		Affirmative	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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Showing 1 to 280 of 280 entries

BALLOT RESULTS

Ballot Name: 2015-04 Alignment of Terms Term 13: Distribution Provider FN 2 DEF
Voting Start Date: 9/4/2015 11:26:31 AM
Voting End Date: 9/14/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: FN
Ballot Series: 2
Total # Votes: 271
Total Ballot Pool: 277
Quorum: 97.83
Weighted Segment Value: 98.07

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	65	1	0	0	0	4	1
Segment: 2	7	0.7	6	0.6	1	0.1	0	0	0
Segment: 3	64	1	58	0.967	2	0.033	0	2	2
Segment: 4	24	1	20	1	0	0	0	2	2
Segment:	59	1	55	1	0	0	0	3	1

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Segment: 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Segment: 6	41	1	40	1	0	0	0	1	0
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.7	7	0.7	0	0	0	0	0
Totals:	277	6.9	256	6.767	3	0.133	0	12	6

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo
1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A

1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Abstain	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		Affirmative	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A

1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Nicolas Turcotte		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Danny Pudenz		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		Affirmative	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A

1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Charles Raney		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A

1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A

2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	Robert Coughlin	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	N/A
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Shuye Teng		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		Affirmative	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Negative	N/A

3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		Affirmative	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Negative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		Affirmative	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and	Mike Anctil		None	N/A

	Power				
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Jeff Landis		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		Affirmative	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A

3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins	Chris Janick	Affirmative	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		Affirmative	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A

4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		Abstain	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish	John Martinsen		Affirmative	N/A

	County				
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		Affirmative	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Affirmative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		Affirmative	N/A
5	City and County of San Francisco	Daniel Mason		Abstain	N/A
5	City of Independence, Power and Light Department	Jim Nail		Affirmative	N/A

5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Jeff Icke		Affirmative	N/A
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5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation	Rick Terrill		Affirmative	N/A

	Company LLC				
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		Abstain	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A

5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		Affirmative	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	David Lemmons		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A

6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		Affirmative	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		Affirmative	N/A
6	NiSource - Northern Indiana Public	Joe O'Brien		Affirmative	N/A

	Service Co.				
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	Sing Tay	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		Affirmative	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Megan Wagner		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A

7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	Joe Spencer		Affirmative	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

Previous 1 Next

Showing 1 to 277 of 277 entries

BALLOT RESULTS

Ballot Name: 2015-04 Alignment of Terms Term 14: Element FN 2 DEF
Voting Start Date: 9/4/2015 11:27:28 AM
Voting End Date: 9/14/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: FN
Ballot Series: 2
Total # Votes: 274
Total Ballot Pool: 280
Quorum: 97.86
Weighted Segment Value: 98.07

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	66	1	0	0	0	3	1
Segment: 2	7	0.7	6	0.6	1	0.1	0	0	0
Segment: 3	64	1	59	0.983	1	0.017	0	2	2
Segment: 4	25	1	20	1	0	0	0	3	2
Segment:	60	1	55	0.982	1	0.018	0	3	1

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Segment: 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Segment: 6	41	1	40	1	0	0	0	1	0
Segment: 7	2	0.2	2	0.2	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.7	7	0.7	0	0	0	0	0
Totals:	280	7	259	6.865	3	0.135	0	12	6

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo
1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A

1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		Affirmative	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A

1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Nicolas Turcotte		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Danny Pudenz		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		Affirmative	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A

1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Charles Raney		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A

1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A

2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	Robert Coughlin	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	N/A
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Shuye Teng		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		Affirmative	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A

3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		Affirmative	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Negative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		Affirmative	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and	Mike Anctil		None	N/A

	Power				
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Jeff Landis		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		Affirmative	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A

3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins	Chris Janick	Affirmative	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		Affirmative	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A

4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		Abstain	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Indiana Municipal Power Agency	Jack Alvey	Scott Berry	Abstain	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A

4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		Affirmative	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		Affirmative	N/A
5	City and County of San Francisco	Daniel Mason		Abstain	N/A
5	City of Independence, Power and Light	Jim Nail		Affirmative	N/A

	Department				
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Jeff Icke		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A

5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		Abstain	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Oxy - Ingleside Cogeneration LP	Michelle D'Antuono		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A

5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		Affirmative	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	David Lemmons		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A

6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		Affirmative	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A

6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		Affirmative	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	Sing Tay	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		Affirmative	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A

6	Westar Energy	Megan Wagner		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
7	Oxy - Occidental Chemical	Venona Greaff		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	Joe Spencer		Affirmative	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

Previous 1 Next

Showing 1 to 280 of 280 entries

BALLOT RESULTS

Ballot Name: 2015-04 Alignment of Terms Term 17: Generator Operator FN 2 DEF
Voting Start Date: 9/4/2015 11:28:24 AM
Voting End Date: 9/14/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: FN
Ballot Series: 2
Total # Votes: 276
Total Ballot Pool: 282
Quorum: 97.87
Weighted Segment Value: 84.78

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	57	0.877	8	0.123	0	4	1
Segment: 2	7	0.6	5	0.5	1	0.1	0	1	0
Segment: 3	64	1	52	0.867	8	0.133	0	2	2
Segment: 4	25	1	18	0.857	3	0.143	0	2	2
Segment:	62	1	51	0.864	8	0.136	0	2	1

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Segment: 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Segment: 6	41	1	36	0.9	4	0.1	0	1	0
Segment: 7	2	0.2	2	0.2	0	0	0	0	0
Segment: 8	2	0.1	1	0.1	0	0	0	1	0
Segment: 9	2	0.2	1	0.1	1	0.1	0	0	0
Segment: 10	7	0.7	5	0.5	2	0.2	0	0	0
Totals:	282	6.8	228	5.765	35	1.035	0	13	6

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo
1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A

1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Abstain	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		Affirmative	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Negative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A

1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Nicolas Turcotte		Negative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Danny Pudenz		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Negative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		Affirmative	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Negative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Negative	N/A

1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Charles Raney		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Negative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Negative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A

1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Negative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A

2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	John Pearson	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	N/A
2	PJM Interconnection, L.L.C.	Mark Holman		Abstain	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Shuye Teng		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		Affirmative	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A

3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		Affirmative	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Negative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Negative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		Affirmative	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and	Mike Anctil		None	N/A

	Power				
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Negative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Negative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Negative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Jeff Landis		Affirmative	N/A
3	PNM Resources	Michael Mertz		Negative	N/A
3	Portland General Electric Co.	Thomas Ward		Affirmative	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A

3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Negative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Negative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins	Chris Janick	Affirmative	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		Affirmative	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A

4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Negative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		Abstain	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Indiana Municipal Power Agency	Jack Alvey	Scott Berry	Negative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A

4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Negative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		Affirmative	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		Affirmative	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Black Hills Corporation	George Tatar		None	N/A
5	Boise-Kuna Irrigation District - Lucky Peak Power Plant Project	Mike Kukla		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Affirmative	N/A
5	Choctaw Generation Limited Partnership,	Rob Watson		Affirmative	N/A

	LLLP				
5	City and County of San Francisco	Daniel Mason		Abstain	N/A
5	City of Independence, Power and Light Department	Jim Nail		Affirmative	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Jeff Icke		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Negative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Negative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A

5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Negative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Negative	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Negative	N/A
5	NextEra Energy	Allen Schriver		Abstain	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Oxy - Ingleside Cogeneration LP	Michelle D'Antuono		Affirmative	N/A

5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Negative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Negative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		Affirmative	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Negative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	David Lemmons		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A

6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Negative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		Affirmative	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A

6	Manitoba Hydro	Blair Mukanik		Negative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Negative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		Affirmative	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	Sing Tay	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Negative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		Affirmative	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A

6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Megan Wagner		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
7	Oxy - Occidental Chemical	Venona Greaff		Affirmative	N/A
8	David Kiguel	David Kiguel		Abstain	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Negative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Negative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Negative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	Joe Spencer		Affirmative	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

BALLOT RESULTS

Ballot Name: 2015-04 Alignment of Terms Term 18: Generator Owner FN 2 DEF
Voting Start Date: 9/4/2015 11:35:40 AM
Voting End Date: 9/14/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: FN
Ballot Series: 2
Total # Votes: 276
Total Ballot Pool: 282
Quorum: 97.87
Weighted Segment Value: 84.75

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	57	0.877	8	0.123	0	4	1
Segment: 2	7	0.6	5	0.5	1	0.1	0	1	0
Segment: 3	64	1	52	0.867	8	0.133	0	2	2
Segment: 4	25	1	18	0.857	3	0.143	0	2	2
Segment:	62	1	50	0.862	8	0.138	0	3	1

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Segment: 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Segment: 6	41	1	36	0.9	4	0.1	0	1	0
Segment: 7	2	0.2	2	0.2	0	0	0	0	0
Segment: 8	2	0.1	1	0.1	0	0	0	1	0
Segment: 9	2	0.2	1	0.1	1	0.1	0	0	0
Segment: 10	7	0.7	5	0.5	2	0.2	0	0	0
Totals:	282	6.8	227	5.763	35	1.037	0	14	6

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo
1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A

1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Abstain	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		Affirmative	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Negative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A

1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Nicolas Turcotte		Negative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Danny Pudenz		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Negative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		Affirmative	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Negative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Negative	N/A

1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Charles Raney		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Negative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Negative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A

1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Negative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A

2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	John Pearson	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	N/A
2	PJM Interconnection, L.L.C.	Mark Holman		Abstain	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Shuye Teng		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		Affirmative	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A

3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		Affirmative	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Negative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Negative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		Affirmative	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and	Mike Anctil		None	N/A

	Power				
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Negative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Negative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Negative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Jeff Landis		Affirmative	N/A
3	PNM Resources	Michael Mertz		Negative	N/A
3	Portland General Electric Co.	Thomas Ward		Affirmative	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A

3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Negative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Negative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins	Chris Janick	Affirmative	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		Affirmative	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A

4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Negative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		Abstain	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Indiana Municipal Power Agency	Jack Alvey	Scott Berry	Negative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A

4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Negative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		Affirmative	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		Affirmative	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Black Hills Corporation	George Tatar		None	N/A
5	Boise-Kuna Irrigation District - Lucky Peak Power Plant Project	Mike Kukla		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Affirmative	N/A
5	Choctaw Generation Limited Partnership,	Rob Watson		Affirmative	N/A

	LLLP				
5	City and County of San Francisco	Daniel Mason		Abstain	N/A
5	City of Independence, Power and Light Department	Jim Nail		Affirmative	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Jeff Icke		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Negative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Negative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Abstain	N/A

5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Negative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Negative	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Negative	N/A
5	NextEra Energy	Allen Schriver		Abstain	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Oxy - Ingleside Cogeneration LP	Michelle D'Antuono		Affirmative	N/A

5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Negative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Negative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		Affirmative	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Negative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	David Lemmons		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A

6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Negative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		Affirmative	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A

6	Manitoba Hydro	Blair Mukanik		Negative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Negative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		Affirmative	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	Sing Tay	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Negative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		Affirmative	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A

6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Megan Wagner		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
7	Oxy - Occidental Chemical	Venona Greaff		Affirmative	N/A
8	David Kiguel	David Kiguel		Abstain	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Negative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Negative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Negative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	Joe Spencer		Affirmative	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

BALLOT RESULTS

Ballot Name: 2015-04 Alignment of Terms Term 20: Interchange Authority FN 2 DEF
Voting Start Date: 9/4/2015 11:38:04 AM
Voting End Date: 9/14/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: FN
Ballot Series: 2
Total # Votes: 269
Total Ballot Pool: 276
Quorum: 97.46
Weighted Segment Value: 98.3

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	69	1	65	1	0	0	0	3	1
Segment: 2	7	0.7	6	0.6	1	0.1	0	0	0
Segment: 3	64	1	59	0.983	1	0.017	0	2	2
Segment: 4	24	1	20	1	0	0	0	2	2
Segment:	59	1	55	1	0	0	0	2	2

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Segment: 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Segment: 6	41	1	40	1	0	0	0	1	0
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.7	7	0.7	0	0	0	0	0
Totals:	276	6.9	257	6.783	2	0.117	0	10	7

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo
1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A

1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		Affirmative	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A

1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Nicolas Turcotte		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Danny Pudenz		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A
1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A

1	NiSource - Northern Indiana Public Service Co.	Charles Raney		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A
1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A

1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A
2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A

2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	Judianne O'Brien	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	N/A
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Shuye Teng		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		Affirmative	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Negative	N/A
3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A

3	City of Leesburg	Chris Adkins		Affirmative	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		Affirmative	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and Power	Mike Anctil		None	N/A
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A

3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Jeff Landis		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		Affirmative	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A
3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A

3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins	Chris Janick	Affirmative	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		Affirmative	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A
4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A

4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		Abstain	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A

4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		Affirmative	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Affirmative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		Affirmative	N/A
5	City and County of San Francisco	Daniel Mason		None	N/A
5	City of Independence, Power and Light Department	Jim Nail		Affirmative	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A

5	Colorado Springs Utilities	Jeff Icke		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A

5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		Abstain	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A

5	Salt River Project	Kevin Nielsen		Affirmative	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	David Lemmons		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A

6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		Affirmative	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		Affirmative	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	Sing Tay	Affirmative	N/A

6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		Affirmative	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Megan Wagner		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A

8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	Joe Spencer		Affirmative	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

Previous 1 Next

Showing 1 to 276 of 276 entries

BALLOT RESULTS

Ballot Name: 2015-04 Alignment of Terms Term 24: Interconnected Operations Service FN 2 DEF
Voting Start Date: 9/4/2015 11:39:31 AM
Voting End Date: 9/14/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: FN
Ballot Series: 2
Total # Votes: 269
Total Ballot Pool: 276
Quorum: 97.46
Weighted Segment Value: 98.06

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	65	0.985	1	0.015	0	3	1
Segment: 2	7	0.7	6	0.6	1	0.1	0	0	0
Segment: 3	64	1	60	1	0	0	0	2	2
Segment: 4	24	1	20	1	0	0	0	2	2
Segment:	58	1	53	0.981	1	0.019	0	2	2

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Segment: 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Segment: 6	41	1	40	1	0	0	0	1	0
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.7	7	0.7	0	0	0	0	0
Totals:	276	6.9	256	6.766	3	0.134	0	10	7

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo
1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A

1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		Affirmative	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A

1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Negative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Nicolas Turcotte		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Danny Pudenz		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		Affirmative	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A

1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Charles Raney		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A

1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A

2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	Robert Coughlin	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	N/A
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Shuye Teng		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		Affirmative	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A

3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		Affirmative	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		Affirmative	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and	Mike Anctil		None	N/A

	Power				
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Jeff Landis		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		Affirmative	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A

3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins	Chris Janick	Affirmative	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		Affirmative	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A

4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		Abstain	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish	John Martinsen		Affirmative	N/A

	County				
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		Affirmative	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		Affirmative	N/A
5	City and County of San Francisco	Daniel Mason		Abstain	N/A
5	City of Independence, Power and Light Department	Jim Nail		Affirmative	N/A

5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Jeff Icke		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation	Rick Terrill		Affirmative	N/A

	Company LLC				
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A

5	Salt River Project	Kevin Nielsen		Affirmative	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	David Lemmons		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A

6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		Affirmative	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		Affirmative	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	Sing Tay	Affirmative	N/A

6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		Affirmative	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Megan Wagner		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A

9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	Joe Spencer		Affirmative	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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BALLOT RESULTS

Ballot Name: 2015-04 Alignment of Terms Term 25: Interconnection FN 2 DEF
Voting Start Date: 9/4/2015 11:41:13 AM
Voting End Date: 9/14/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: FN
Ballot Series: 2
Total # Votes: 273
Total Ballot Pool: 278
Quorum: 98.2
Weighted Segment Value: 75.63

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	53	0.828	11	0.172	0	5	1
Segment: 2	7	0.7	3	0.3	4	0.4	0	0	0
Segment: 3	64	1	44	0.746	15	0.254	0	3	2
Segment: 4	24	1	14	0.737	5	0.263	0	3	2
Segment:	59	1	38	0.691	17	0.309	0	4	0

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Segment: 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Segment: 6	41	1	27	0.692	12	0.308	0	2	0
Segment: 7	2	0.2	2	0.2	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.7	7	0.7	0	0	0	0	0
Totals:	278	7	192	5.294	64	1.706	0	17	5

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo
1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A

1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Negative	N/A
1	Black Hills Corporation	Wes Wingen		Affirmative	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Negative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Negative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Negative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A

1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Nicolas Turcotte		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Danny Pudenz		Abstain	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Negative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		Affirmative	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Negative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A

1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Charles Raney		Negative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Negative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Abstain	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A

1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Negative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Negative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Negative	N/A

2	Electric Reliability Council of Texas, Inc.	christina bigelow		Negative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Negative	N/A
2	ISO New England, Inc.	Michael Puscas	Kathleen Goodman	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	N/A
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Negative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Shuye Teng		Negative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Negative	N/A
3	Beaches Energy Services	Steven Lancaster		Affirmative	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Negative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A

3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		Affirmative	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Negative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Negative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		Affirmative	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Negative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and	Mike Anctil		None	N/A

	Power				
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Negative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Negative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Negative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Negative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Negative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Jeff Landis		Affirmative	N/A
3	PNM Resources	Michael Mertz		Abstain	N/A
3	Portland General Electric Co.	Thomas Ward		Affirmative	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A

3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins	Chris Janick	Affirmative	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		Negative	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Negative	N/A
3	Westar Energy	Bo Jones		Negative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Negative	N/A

4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Negative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Negative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		Abstain	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Abstain	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Negative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish	John Martinsen		Affirmative	N/A

	County				
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Negative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Negative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		Affirmative	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		Affirmative	N/A
5	Austin Energy	Jeanie Doty		Negative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Negative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		Affirmative	N/A
5	City and County of San Francisco	Daniel Mason		Abstain	N/A
5	City of Independence, Power and Light Department	Jim Nail		Affirmative	N/A

5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Jeff Icke		Negative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Negative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Negative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Negative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Abstain	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation	Rick Terrill		Affirmative	N/A

	Company LLC				
5	Manitoba Hydro	Yuguang Xiao		Negative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Negative	N/A
5	Nebraska Public Power District	Don Schmit		Negative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		Abstain	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Negative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Negative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Negative	N/A
5	Oxy - Ingleside Cogeneration LP	Michelle D'Antuono		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A

5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		Affirmative	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Negative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Negative	N/A
5	Westar Energy	stephanie johnson		Negative	N/A
5	Xcel Energy, Inc.	David Lemmons		Negative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Negative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Negative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A

6	Colorado Springs Utilities	Shannon Fair		Negative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Negative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		Affirmative	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Negative	N/A
6	Lincoln Electric System	Eric Ruskamp		Abstain	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Negative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		Affirmative	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Negative	N/A

6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	Sing Tay	Negative	N/A
6	Omaha Public Power District	Mark Trumble		Negative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		Affirmative	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Negative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Megan Wagner		Negative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Negative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A

7	Oxy - Occidental Chemical	Venona Greaff		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	Joe Spencer		Affirmative	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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Showing 1 to 278 of 278 entries

BALLOT RESULTS

Ballot Name: 2015-04 Alignment of Terms Term 28: Load-Serving Entity FN 2 DEF
Voting Start Date: 9/4/2015 11:43:08 AM
Voting End Date: 9/14/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: FN
Ballot Series: 2
Total # Votes: 272
Total Ballot Pool: 280
Quorum: 97.14
Weighted Segment Value: 95.46

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	65	1	0	0	0	4	1
Segment: 2	7	0.7	4	0.4	3	0.3	0	0	0
Segment: 3	64	1	60	1	0	0	0	2	2
Segment: 4	25	1	21	1	0	0	0	2	2
Segment:	60	1	55	0.982	1	0.018	0	1	3

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Segment: 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Segment: 6	41	1	40	1	0	0	0	1	0
Segment: 7	2	0.2	2	0.2	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.7	7	0.7	0	0	0	0	0
Totals:	280	7	258	6.682	4	0.318	0	10	8

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo
1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A

1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Abstain	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		Affirmative	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A

1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Nicolas Turcotte		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Danny Pudenz		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		Affirmative	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A

1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Charles Raney		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A

1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A

2	Electric Reliability Council of Texas, Inc.	christina bigelow		Negative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	Robert Coughlin	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	N/A
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Negative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Shuye Teng		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		Affirmative	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A

3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		Affirmative	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		Affirmative	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and	Mike Anctil		None	N/A

	Power				
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Jeff Landis		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		Affirmative	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A

3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins	Chris Janick	Affirmative	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		Affirmative	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A

4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		Affirmative	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Indiana Municipal Power Agency	Jack Alvey	Scott Berry	Abstain	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A

4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		Affirmative	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		Affirmative	N/A
5	City and County of San Francisco	Daniel Mason		None	N/A
5	City of Independence, Power and Light	Jim Nail		Affirmative	N/A

	Department				
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Jeff Icke		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A

5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Oxy - Ingleside Cogeneration LP	Michelle D'Antuono		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A

5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		Affirmative	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	David Lemmons		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A

6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		Affirmative	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A

6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		Affirmative	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	Sing Tay	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		Affirmative	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A

6	Westar Energy	Megan Wagner		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
7	Oxy - Occidental Chemical	Venona Greaff		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	Joe Spencer		Affirmative	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

Previous 1 Next

Showing 1 to 280 of 280 entries

BALLOT RESULTS

Ballot Name: 2015-04 Alignment of Terms Term 31: Planning Authority FN 2 DEF
Voting Start Date: 9/4/2015 11:44:08 AM
Voting End Date: 9/14/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: FN
Ballot Series: 2
Total # Votes: 270
Total Ballot Pool: 277
Quorum: 97.47
Weighted Segment Value: 94.48

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	63	0.955	3	0.045	0	3	1
Segment: 2	7	0.7	6	0.6	1	0.1	0	0	0
Segment: 3	64	1	56	0.933	4	0.067	0	2	2
Segment: 4	24	1	20	0.952	1	0.048	0	1	2
Segment:	59	1	52	0.929	4	0.071	0	1	2

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Segment: 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Segment: 6	41	1	38	0.95	2	0.05	0	1	0
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.7	7	0.7	0	0	0	0	0
Totals:	277	6.9	247	6.519	15	0.381	0	8	7

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo
1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A

1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		Affirmative	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A

1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Nicolas Turcotte		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Danny Pudenz		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Negative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		Affirmative	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A

1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Charles Raney		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Negative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Negative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A

1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A

2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	John Pearson	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	N/A
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Shuye Teng		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		Affirmative	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Negative	N/A

3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		Affirmative	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		Affirmative	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and	Mike Anctil		None	N/A

	Power				
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Negative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Negative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Jeff Landis		Affirmative	N/A
3	PNM Resources	Michael Mertz		Negative	N/A
3	Portland General Electric Co.	Thomas Ward		Affirmative	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A

3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins	Chris Janick	Affirmative	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		Affirmative	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A

4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		Negative	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish	John Martinsen		Affirmative	N/A

	County				
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		Affirmative	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		Affirmative	N/A
5	City and County of San Francisco	Daniel Mason		Negative	N/A
5	City of Independence, Power and Light Department	Jim Nail		Affirmative	N/A

5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Jeff Icke		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation	Rick Terrill		Affirmative	N/A

	Company LLC				
5	Manitoba Hydro	Yuguang Xiao		Negative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Negative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A

5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		Affirmative	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	David Lemmons		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A

6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		Affirmative	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Negative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		Affirmative	N/A
6	NiSource - Northern Indiana Public	Joe O'Brien		Affirmative	N/A

	Service Co.				
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Negative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		Affirmative	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Megan Wagner		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A

7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	Joe Spencer		Affirmative	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

Previous 1 Next

Showing 1 to 277 of 277 entries

BALLOT RESULTS

Ballot Name: 2015-04 Alignment of Terms Term 33: Point of Receipt FN 2 DEF
Voting Start Date: 9/4/2015 11:47:01 AM
Voting End Date: 9/14/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: FN
Ballot Series: 2
Total # Votes: 272
Total Ballot Pool: 279
Quorum: 97.49
Weighted Segment Value: 98.31

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	66	1	0	0	0	3	1
Segment: 2	7	0.7	6	0.6	1	0.1	0	0	0
Segment: 3	64	1	60	1	0	0	0	2	2
Segment: 4	24	1	20	1	0	0	0	2	2
Segment:	60	1	55	0.982	1	0.018	0	2	2

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Segment: 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Segment: 6	41	1	40	1	0	0	0	1	0
Segment: 7	2	0.2	2	0.2	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.7	7	0.7	0	0	0	0	0
Totals:	279	7	260	6.882	2	0.118	0	10	7

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo
1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A

1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		Affirmative	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A

1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Nicolas Turcotte		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Danny Pudenz		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		Affirmative	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A

1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Charles Raney		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A

1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A

2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	Judianne O'Brien	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	N/A
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Shuye Teng		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		Affirmative	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A

3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		Affirmative	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		Affirmative	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and	Mike Anctil		None	N/A

	Power				
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Jeff Landis		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		Affirmative	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A

3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins	Chris Janick	Affirmative	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		Affirmative	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A

4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		Abstain	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish	John Martinsen		Affirmative	N/A

	County				
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		Affirmative	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		Affirmative	N/A
5	City and County of San Francisco	Daniel Mason		Abstain	N/A
5	City of Independence, Power and Light Department	Jim Nail		Affirmative	N/A

5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Jeff Icke		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation	Rick Terrill		Affirmative	N/A

	Company LLC				
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Oxy - Ingleside Cogeneration LP	Michelle D'Antuono		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant	Alex Ybarra		Affirmative	N/A

	County, Washington				
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		Affirmative	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	David Lemmons		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A

6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		Affirmative	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		Affirmative	N/A

6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		Affirmative	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Megan Wagner		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A

7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
7	Oxy - Occidental Chemical	Venona Greaff		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	Joe Spencer		Affirmative	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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Showing 1 to 279 of 279 entries

BALLOT RESULTS

Ballot Name: 2015-04 Alignment of Terms Term 36: Reactive Power FN 2 DEF
Voting Start Date: 9/4/2015 11:47:47 AM
Voting End Date: 9/14/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: FN
Ballot Series: 2
Total # Votes: 272
Total Ballot Pool: 279
Quorum: 97.49
Weighted Segment Value: 97.11

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	66	1	0	0	0	3	1
Segment: 2	7	0.7	6	0.6	1	0.1	0	0	0
Segment: 3	64	1	59	0.983	1	0.017	0	2	2
Segment: 4	24	1	19	0.95	1	0.05	0	2	2
Segment:	60	1	55	0.965	2	0.035	0	1	2

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Segment: 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Segment: 6	41	1	40	1	0	0	0	1	0
Segment: 7	2	0.2	2	0.2	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.7	7	0.7	0	0	0	0	0
Totals:	279	7	258	6.798	5	0.202	0	9	7

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo
1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A

1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		Affirmative	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A

1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Nicolas Turcotte		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Danny Pudenz		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		Affirmative	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A

1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Charles Raney		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A

1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A

2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	John Pearson	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	N/A
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Shuye Teng		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		Affirmative	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A

3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		Affirmative	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		Affirmative	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and	Mike Anctil		None	N/A

	Power				
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Jeff Landis		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		Affirmative	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A

3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins	Chris Janick	Affirmative	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		Affirmative	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Negative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A

4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		Abstain	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish	John Martinsen		Affirmative	N/A

	County				
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Negative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		Affirmative	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		Affirmative	N/A
5	City and County of San Francisco	Daniel Mason		Affirmative	N/A
5	City of Independence, Power and Light Department	Jim Nail		Affirmative	N/A

5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
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5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation	Rick Terrill		Affirmative	N/A

	Company LLC				
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Oxy - Ingleside Cogeneration LP	Michelle D'Antuono		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant	Alex Ybarra		Affirmative	N/A

	County, Washington				
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		Affirmative	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Negative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	David Lemmons		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A

6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		Affirmative	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		Affirmative	N/A

6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		Affirmative	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Megan Wagner		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A

7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
7	Oxy - Occidental Chemical	Venona Greaff		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	Joe Spencer		Affirmative	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

Previous 1 Next

Showing 1 to 279 of 279 entries

BALLOT RESULTS

Ballot Name: 2015-04 Alignment of Terms Term 37: Real Power FN 2 DEF
Voting Start Date: 9/4/2015 11:45:57 AM
Voting End Date: 9/14/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: FN
Ballot Series: 2
Total # Votes: 272
Total Ballot Pool: 279
Quorum: 97.49
Weighted Segment Value: 98.57

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	66	1	0	0	0	3	1
Segment: 2	7	0.7	6	0.6	1	0.1	0	0	0
Segment: 3	64	1	60	1	0	0	0	2	2
Segment: 4	24	1	20	1	0	0	0	2	2
Segment:	60	1	57	1	0	0	0	1	2

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Segment: 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Segment: 6	41	1	40	1	0	0	0	1	0
Segment: 7	2	0.2	2	0.2	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.7	7	0.7	0	0	0	0	0
Totals:	279	7	262	6.9	1	0.1	0	9	7

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo
1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A

1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		Affirmative	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A

1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Nicolas Turcotte		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Danny Pudenz		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		Affirmative	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A

1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Charles Raney		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A

1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A

2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	John Pearson	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	N/A
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Shuye Teng		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		Affirmative	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A

3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		Affirmative	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		Affirmative	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and	Mike Anctil		None	N/A

	Power				
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Jeff Landis		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		Affirmative	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A

3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins	Chris Janick	Affirmative	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		Affirmative	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A

4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		Abstain	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish	John Martinsen		Affirmative	N/A

	County				
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		Affirmative	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Affirmative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		Affirmative	N/A
5	City and County of San Francisco	Daniel Mason		Affirmative	N/A
5	City of Independence, Power and Light Department	Jim Nail		Affirmative	N/A

5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Jeff Icke		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation	Rick Terrill		Affirmative	N/A

	Company LLC				
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Oxy - Ingleside Cogeneration LP	Michelle D'Antuono		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant	Alex Ybarra		Affirmative	N/A

	County, Washington				
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		Affirmative	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	David Lemmons		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A

6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		Affirmative	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		Affirmative	N/A

6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		Affirmative	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Megan Wagner		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A

7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
7	Oxy - Occidental Chemical	Venona Greaff		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	Joe Spencer		Affirmative	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

Previous 1 Next

Showing 1 to 279 of 279 entries

BALLOT RESULTS

Ballot Name: 2015-04 Alignment of Terms Term 38: Realiability Coordinator FN 2 DEF
Voting Start Date: 9/4/2015 11:45:09 AM
Voting End Date: 9/14/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: FN
Ballot Series: 2
Total # Votes: 269
Total Ballot Pool: 276
Quorum: 97.46
Weighted Segment Value: 90.8

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	62	0.939	4	0.061	0	3	1
Segment: 2	7	0.7	5	0.5	2	0.2	0	0	0
Segment: 3	64	1	55	0.917	5	0.083	0	2	2
Segment: 4	24	1	18	0.9	2	0.1	0	2	2
Segment:	58	1	50	0.909	5	0.091	0	1	2

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Segment: 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Segment: 6	41	1	36	0.9	4	0.1	0	1	0
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.7	7	0.7	0	0	0	0	0
Totals:	276	6.9	238	6.265	22	0.635	0	9	7

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo
1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A

1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		Affirmative	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Negative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A

1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Nicolas Turcotte		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Danny Pudenz		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		Affirmative	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Negative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A

1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Charles Raney		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Negative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A

1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Negative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A

2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	Kathleen Goodman	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	N/A
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Negative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Shuye Teng		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		Affirmative	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A

3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		Affirmative	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Negative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		Negative	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and	Mike Anctil		None	N/A

	Power				
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Negative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Negative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Jeff Landis		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		Affirmative	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A

3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins	Chris Janick	Affirmative	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		Affirmative	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Negative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A

4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Negative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		Abstain	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish	John Martinsen		Affirmative	N/A

	County				
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Negative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		Affirmative	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		Affirmative	N/A
5	City of Independence, Power and Light Department	Jim Nail		Affirmative	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A

5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Jeff Icke		Negative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A

5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Negative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Negative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A

5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		Affirmative	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Negative	N/A
5	Xcel Energy, Inc.	David Lemmons		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A

6	Colorado Springs Utilities	Shannon Fair		Negative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		Affirmative	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		Affirmative	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A

6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Negative	N/A
6	Omaha Public Power District	Mark Trumble		Negative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		Affirmative	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Megan Wagner		Negative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A

8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	Joe Spencer		Affirmative	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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BALLOT RESULTS

Ballot Name: 2015-04 Alignment of Terms Tern 40: Reliability Standard FN 2 DEF
Voting Start Date: 9/4/2015 11:42:01 AM
Voting End Date: 9/14/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: FN
Ballot Series: 2
Total # Votes: 272
Total Ballot Pool: 279
Quorum: 97.49
Weighted Segment Value: 95.6

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	65	0.985	1	0.015	0	3	1
Segment: 2	7	0.7	5	0.5	2	0.2	0	0	0
Segment: 3	64	1	58	0.967	2	0.033	0	2	2
Segment: 4	24	1	20	1	0	0	0	2	2
Segment:	60	1	55	0.965	2	0.035	0	1	2

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Segment: 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Segment: 6	41	1	39	0.975	1	0.025	0	1	0
Segment: 7	2	0.2	2	0.2	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.7	7	0.7	0	0	0	0	0
Totals:	279	7	255	6.692	8	0.308	0	9	7

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo
1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A

1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		Affirmative	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A

1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Nicolas Turcotte		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Danny Pudenz		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Negative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		Affirmative	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A

1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Charles Raney		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A

1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A

2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Negative	N/A
2	ISO New England, Inc.	Michael Puscas	Kathleen Goodman	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	N/A
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Shuye Teng		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		Affirmative	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A

3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		Affirmative	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Negative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		Affirmative	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and	Mike Anctil		None	N/A

	Power				
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Negative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Jeff Landis		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		Affirmative	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A

3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins	Chris Janick	Affirmative	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		Affirmative	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A

4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		Abstain	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish	John Martinsen		Affirmative	N/A

	County				
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		Affirmative	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		Affirmative	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Black Hills Corporation	George Tatar		None	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		Affirmative	N/A
5	City of Independence, Power and Light Department	Jim Nail		Affirmative	N/A

5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Jeff Icke		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A

5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Negative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Oxy - Ingleside Cogeneration LP	Michelle D'Antuono		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A

5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		Affirmative	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	David Lemmons		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A

6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		Affirmative	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Negative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		Affirmative	N/A

6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		Affirmative	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Megan Wagner		Affirmative	N/A

6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
7	Oxy - Occidental Chemical	Venona Greaff		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	Joe Spencer		Affirmative	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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BALLOT RESULTS

Ballot Name: 2015-04 Alignment of Terms Term 41: Reliable Operation FN 2 DEF
Voting Start Date: 9/4/2015 11:40:15 AM
Voting End Date: 9/14/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: FN
Ballot Series: 2
Total # Votes: 272
Total Ballot Pool: 280
Quorum: 97.14
Weighted Segment Value: 90.46

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	64	0.97	2	0.03	0	3	1
Segment: 2	7	0.7	3	0.3	4	0.4	0	0	0
Segment: 3	64	1	56	0.933	4	0.067	0	2	2
Segment: 4	24	1	19	0.95	1	0.05	0	2	2
Segment:	61	1	52	0.929	4	0.071	0	2	3

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Segment: 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Segment: 6	41	1	38	0.95	2	0.05	0	1	0
Segment: 7	2	0.2	2	0.2	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.7	7	0.7	0	0	0	0	0
Totals:	280	7	245	6.332	17	0.668	0	10	8

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo
1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A

1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		Affirmative	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A

1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Nicolas Turcotte		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Danny Pudenz		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Negative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		Affirmative	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A

1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Charles Raney		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Negative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A

1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A

2	Electric Reliability Council of Texas, Inc.	christina bigelow		Negative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Negative	N/A
2	ISO New England, Inc.	Michael Puscas	Kathleen Goodman	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	N/A
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Negative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Shuye Teng		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		Affirmative	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A

3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		Affirmative	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Negative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		Affirmative	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and	Mike Anctil		None	N/A

	Power				
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Negative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Negative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Jeff Landis		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		Affirmative	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A

3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins	Chris Janick	Affirmative	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		Affirmative	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Negative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A

4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		Abstain	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish	John Martinsen		Affirmative	N/A

	County				
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Negative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		Affirmative	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Black Hills Corporation	George Tatar		None	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		Affirmative	N/A
5	City and County of San Francisco	Daniel Mason		Abstain	N/A
5	City of Independence, Power and Light	Jim Nail		Affirmative	N/A

	Department				
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Jeff Icke		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A

5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Negative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Negative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Oxy - Ingleside Cogeneration LP	Michelle D'Antuono		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish	Sam Nietfeld		Affirmative	N/A

	County				
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		Affirmative	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Negative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	David Lemmons		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A

6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		Affirmative	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Negative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A

6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		Affirmative	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Negative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		Affirmative	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A

6	Westar Energy	Megan Wagner		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
7	Oxy - Occidental Chemical	Venona Greaff		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	Joe Spencer		Affirmative	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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Showing 1 to 280 of 280 entries

BALLOT RESULTS

Ballot Name: 2015-04 Alignment of Terms Term 42: Reserve Sharing Group FN 2 DEF
Voting Start Date: 9/4/2015 11:38:46 AM
Voting End Date: 9/14/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: FN
Ballot Series: 2
Total # Votes: 269
Total Ballot Pool: 276
Quorum: 97.46
Weighted Segment Value: 92.07

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	62	0.939	4	0.061	0	3	1
Segment: 2	7	0.7	5	0.5	2	0.2	0	0	0
Segment: 3	64	1	56	0.933	4	0.067	0	2	2
Segment: 4	24	1	18	0.947	1	0.053	0	3	2
Segment:	58	1	50	0.909	5	0.091	0	1	2

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BALLOT RESULTS

Ballot Name: 2015-04 Alignment of Terms Term 42: Reserve Sharing Group FN 2 DEF
Voting Start Date: 9/4/2015 11:38:46 AM
Voting End Date: 9/14/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: FN
Ballot Series: 2
Total # Votes: 269
Total Ballot Pool: 276
Quorum: 97.46
Weighted Segment Value: 92.07

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	62	0.939	4	0.061	0	3	1
Segment: 2	7	0.7	5	0.5	2	0.2	0	0	0
Segment: 3	64	1	56	0.933	4	0.067	0	2	2
Segment: 4	24	1	18	0.947	1	0.053	0	3	2
Segment:	58	1	50	0.909	5	0.091	0	1	2

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Segment: 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Segment: 6	41	1	37	0.925	3	0.075	0	1	0
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.7	7	0.7	0	0	0	0	0
Totals:	276	6.9	240	6.353	19	0.547	0	10	7

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo
1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A

1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		Affirmative	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A

1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Nicolas Turcotte		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Danny Pudenz		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		Affirmative	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Negative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A

1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Charles Raney		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Negative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Negative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A

1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Negative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A

2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	Kathleen Goodman	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	N/A
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Negative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Shuye Teng		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		Affirmative	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A

3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		Affirmative	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Negative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		Affirmative	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and	Mike Anctil		None	N/A

	Power				
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Negative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Negative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Jeff Landis		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		Affirmative	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A

3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins	Chris Janick	Affirmative	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		Affirmative	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Negative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A

4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Negative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		Abstain	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Abstain	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish	John Martinsen		Affirmative	N/A

	County				
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		Affirmative	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		Affirmative	N/A
5	City of Independence, Power and Light Department	Jim Nail		Affirmative	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A

5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Jeff Icke		Negative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A

5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Negative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Negative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A

5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		Affirmative	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Negative	N/A
5	Xcel Energy, Inc.	David Lemmons		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A

6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		Affirmative	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		Affirmative	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A

6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Negative	N/A
6	Omaha Public Power District	Mark Trumble		Negative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		Affirmative	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Megan Wagner		Negative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A

8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	Joe Spencer		Affirmative	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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Segment: 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Segment: 6	41	1	37	0.925	3	0.075	0	1	0
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.7	7	0.7	0	0	0	0	0
Totals:	276	6.9	240	6.353	19	0.547	0	10	7

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo
1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A

1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		Affirmative	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A

1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Nicolas Turcotte		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Danny Pudenz		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		Affirmative	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Negative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A

1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Charles Raney		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Negative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Negative	N/A
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1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A

1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Negative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A

2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	Kathleen Goodman	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	N/A
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Negative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Shuye Teng		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		Affirmative	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A

3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		Affirmative	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Negative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		Affirmative	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and	Mike Anctil		None	N/A

	Power				
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Negative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Negative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Jeff Landis		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		Affirmative	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A

3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins	Chris Janick	Affirmative	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		Affirmative	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Negative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A

4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Negative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		Abstain	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Abstain	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish	John Martinsen		Affirmative	N/A

	County				
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		Affirmative	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		Affirmative	N/A
5	City of Independence, Power and Light Department	Jim Nail		Affirmative	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A

5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Jeff Icke		Negative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A

5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Negative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		None	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Negative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A

5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		Affirmative	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Negative	N/A
5	Xcel Energy, Inc.	David Lemmons		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A

6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		Affirmative	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		Affirmative	N/A
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A

6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Negative	N/A
6	Omaha Public Power District	Mark Trumble		Negative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		Affirmative	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Megan Wagner		Negative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A

8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	Joe Spencer		Affirmative	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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Showing 1 to 276 of 276 entries

BALLOT RESULTS

Ballot Name: 2015-04 Alignment of Terms Term 43: Resource Planner FN 2 DEF
Voting Start Date: 9/4/2015 11:36:45 AM
Voting End Date: 9/14/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: FN
Ballot Series: 2
Total # Votes: 271
Total Ballot Pool: 277
Quorum: 97.83
Weighted Segment Value: 92.49

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	63	0.955	3	0.045	0	3	1
Segment: 2	7	0.7	5	0.5	2	0.2	0	0	0
Segment: 3	64	1	57	0.95	3	0.05	0	2	2
Segment: 4	24	1	19	0.95	1	0.05	0	2	2
Segment:	59	1	51	0.927	4	0.073	0	3	1

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Segment: 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Segment: 6	41	1	36	0.9	4	0.1	0	1	0
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.7	7	0.7	0	0	0	0	0
Totals:	277	6.9	243	6.382	17	0.518	0	11	6

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo
1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A

1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		Affirmative	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Negative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A

1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Nicolas Turcotte		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Danny Pudenz		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		Affirmative	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A

1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Charles Raney		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Negative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A

1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Negative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A

2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	John Pearson	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	N/A
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Negative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Shuye Teng		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		Affirmative	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A

3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		Affirmative	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Negative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		Affirmative	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and	Mike Anctil		None	N/A

	Power				
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Negative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Jeff Landis		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		Affirmative	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A

3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins	Chris Janick	Affirmative	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		Affirmative	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Negative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A

4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Negative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		Abstain	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish	John Martinsen		Affirmative	N/A

	County				
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		Affirmative	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		Affirmative	N/A
5	City and County of San Francisco	Daniel Mason		Abstain	N/A
5	City of Independence, Power and Light Department	Jim Nail		Affirmative	N/A

5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Jeff Icke		Negative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation	Rick Terrill		Affirmative	N/A

	Company LLC				
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		Abstain	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Negative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A

5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		Affirmative	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Negative	N/A
5	Xcel Energy, Inc.	David Lemmons		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A

6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Negative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		Affirmative	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		Affirmative	N/A
6	NiSource - Northern Indiana Public	Joe O'Brien		Affirmative	N/A

	Service Co.				
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Negative	N/A
6	Omaha Public Power District	Mark Trumble		Negative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		Affirmative	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Megan Wagner		Negative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A

7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	Joe Spencer		Affirmative	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

Previous 1 Next

Showing 1 to 277 of 277 entries

BALLOT RESULTS

Ballot Name: 2015-04 Alignment of Terms Term 48: System Operating Limit FN 2 DEF
Voting Start Date: 9/4/2015 11:34:37 AM
Voting End Date: 9/14/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: FN
Ballot Series: 2
Total # Votes: 273
Total Ballot Pool: 278
Quorum: 98.2
Weighted Segment Value: 97.81

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	71	1	66	0.985	1	0.015	0	3	1
Segment: 2	7	0.7	6	0.6	1	0.1	0	0	0
Segment: 3	64	1	60	1	0	0	0	2	2
Segment: 4	24	1	20	1	0	0	0	2	2
Segment:	59	1	54	0.964	2	0.036	0	3	0

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Segment: 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Segment: 6	41	1	40	1	0	0	0	1	0
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.7	7	0.7	0	0	0	0	0
Totals:	278	6.9	258	6.749	4	0.151	0	11	5

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo
1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A

1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		Affirmative	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A

1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Georgia Transmission Corporation	Jason Snodgrass		Negative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Nicolas Turcotte		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Danny Pudenz		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		Affirmative	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A

1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A
1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Charles Raney		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A

1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A
1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A

1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A
2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	Kathleen Goodman	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	N/A
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Shuye Teng		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		Affirmative	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A

3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A
3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		Affirmative	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		Affirmative	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A

3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and Power	Mike Anctil		None	N/A
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Jeff Landis		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A

3	Portland General Electric Co.	Thomas Ward		Affirmative	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A
3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins	Chris Janick	Affirmative	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		Affirmative	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A

3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A
4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		Abstain	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A

4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish County	John Martinsen		Affirmative	N/A
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		Affirmative	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		Affirmative	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		Affirmative	N/A
5	City and County of San Francisco	Daniel Mason		Abstain	N/A

5	City of Independence, Power and Light Department	Jim Nail		Affirmative	N/A
5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Jeff Icke		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A

5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation Company LLC	Rick Terrill		Affirmative	N/A
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		Abstain	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Negative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A

5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A
5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		Affirmative	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	David Lemmons		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A

6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A
6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		Affirmative	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and	Silvia Mitchell		Affirmative	N/A

	Light Co.				
6	NiSource - Northern Indiana Public Service Co.	Joe O'Brien		Affirmative	N/A
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		Affirmative	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Megan Wagner		Affirmative	N/A

6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A
7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	Joe Spencer		Affirmative	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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BALLOT RESULTS

Ballot Name: 2015-04 Alignment of Terms Term 49: Transmission Customer FN 2 DEF
Voting Start Date: 9/4/2015 11:33:53 AM
Voting End Date: 9/14/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: FN
Ballot Series: 2
Total # Votes: 271
Total Ballot Pool: 277
Quorum: 97.83
Weighted Segment Value: 92.84

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	62	0.954	3	0.046	0	4	1
Segment: 2	7	0.7	5	0.5	2	0.2	0	0	0
Segment: 3	64	1	57	0.95	3	0.05	0	2	2
Segment: 4	24	1	19	0.95	1	0.05	0	2	2
Segment:	59	1	51	0.927	4	0.073	0	3	1

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Segment: 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Segment: 6	41	1	37	0.925	3	0.075	0	1	0
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.7	7	0.7	0	0	0	0	0
Totals:	277	6.9	243	6.406	16	0.494	0	12	6

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo
1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A

1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Abstain	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		Affirmative	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Negative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A

1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Nicolas Turcotte		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Danny Pudenz		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		Affirmative	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A

1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Charles Raney		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Negative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A

1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Negative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A

2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	Robert Coughlin	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	N/A
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Negative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Shuye Teng		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		Affirmative	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A

3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		Affirmative	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Negative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		Affirmative	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and	Mike Anctil		None	N/A

	Power				
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Negative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Jeff Landis		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		Affirmative	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A

3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins	Chris Janick	Affirmative	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		Affirmative	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Negative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A

4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Negative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		Abstain	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish	John Martinsen		Affirmative	N/A

	County				
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		Affirmative	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		Affirmative	N/A
5	City and County of San Francisco	Daniel Mason		Abstain	N/A
5	City of Independence, Power and Light Department	Jim Nail		Affirmative	N/A

5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Jeff Icke		Negative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation	Rick Terrill		Affirmative	N/A

	Company LLC				
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		Abstain	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Negative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A

5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		Affirmative	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Negative	N/A
5	Xcel Energy, Inc.	David Lemmons		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A

6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Negative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		Affirmative	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		Affirmative	N/A
6	NiSource - Northern Indiana Public	Joe O'Brien		Affirmative	N/A

	Service Co.				
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Negative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		Affirmative	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Megan Wagner		Negative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A

7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	Joe Spencer		Affirmative	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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Showing 1 to 277 of 277 entries

BALLOT RESULTS

Ballot Name: 2015-04 Alignment of Terms Term 50: Transmission Operator FN 2 DEF
Voting Start Date: 9/4/2015 11:32:55 AM
Voting End Date: 9/14/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: FN
Ballot Series: 2
Total # Votes: 271
Total Ballot Pool: 277
Quorum: 97.83
Weighted Segment Value: 91.09

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	62	0.939	4	0.061	0	3	1
Segment: 2	7	0.7	6	0.6	1	0.1	0	0	0
Segment: 3	64	1	55	0.917	5	0.083	0	2	2
Segment: 4	24	1	19	0.95	1	0.05	0	2	2
Segment:	59	1	52	0.929	4	0.071	0	2	1

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Segment: 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Segment: 6	41	1	38	0.95	2	0.05	0	1	0
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.7	5	0.5	2	0.2	0	0	0
Totals:	277	6.9	242	6.285	19	0.615	0	10	6

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo
1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A

1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		Affirmative	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Negative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A

1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Nicolas Turcotte		Negative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Danny Pudenz		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Negative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		Affirmative	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Negative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A

1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Charles Raney		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A

1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A

2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	Kathleen Goodman	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	N/A
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Shuye Teng		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		Affirmative	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Negative	N/A

3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		Affirmative	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Negative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Negative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		Affirmative	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and	Mike Anctil		None	N/A

	Power				
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Negative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Negative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Jeff Landis		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		Affirmative	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A

3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins	Chris Janick	Affirmative	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		Affirmative	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A

4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		Abstain	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish	John Martinsen		Affirmative	N/A

	County				
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Negative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		Affirmative	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		Affirmative	N/A
5	City and County of San Francisco	Daniel Mason		Abstain	N/A
5	City of Independence, Power and Light Department	Jim Nail		Affirmative	N/A

5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Jeff Icke		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Negative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation	Rick Terrill		Affirmative	N/A

	Company LLC				
5	Manitoba Hydro	Yuguang Xiao		Negative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Negative	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		Abstain	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A

5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		Affirmative	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	David Lemmons		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A

6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Negative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		Affirmative	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Negative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		Affirmative	N/A
6	NiSource - Northern Indiana Public	Joe O'Brien		Affirmative	N/A

	Service Co.				
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		Affirmative	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Megan Wagner		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A

7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Negative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Negative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	Joe Spencer		Affirmative	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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BALLOT RESULTS

Ballot Name: 2015-04 Alignment of Terms Term 51: Transmission Owner FN 2 DEF
Voting Start Date: 9/4/2015 11:32:11 AM
Voting End Date: 9/14/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: FN
Ballot Series: 2
Total # Votes: 271
Total Ballot Pool: 277
Quorum: 97.83
Weighted Segment Value: 91.32

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	62	0.939	4	0.061	0	3	1
Segment: 2	7	0.7	6	0.6	1	0.1	0	0	0
Segment: 3	64	1	56	0.933	4	0.067	0	2	2
Segment: 4	24	1	19	0.95	1	0.05	0	2	2
Segment:	59	1	52	0.929	4	0.071	0	2	1

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Segment: 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Segment: 6	41	1	38	0.95	2	0.05	0	1	0
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.7	5	0.5	2	0.2	0	0	0
Totals:	277	6.9	243	6.301	18	0.599	0	10	6

BALLOT POOL MEMBERS

Show All ▾ entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo
1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A

1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		Affirmative	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Negative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A

1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Nicolas Turcotte		Negative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Danny Pudenz		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Negative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		Affirmative	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Negative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A

1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Charles Raney		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A

1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A

2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	John Pearson	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	N/A
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Shuye Teng		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		Affirmative	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A

3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		Affirmative	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Negative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Negative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		Affirmative	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and	Mike Anctil		None	N/A

	Power				
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Negative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Negative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Jeff Landis		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		Affirmative	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A

3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins	Chris Janick	Affirmative	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		Affirmative	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A

4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		Abstain	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish	John Martinsen		Affirmative	N/A

	County				
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Negative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		Affirmative	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		Affirmative	N/A
5	City and County of San Francisco	Daniel Mason		Abstain	N/A
5	City of Independence, Power and Light Department	Jim Nail		Affirmative	N/A

5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Jeff Icke		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Negative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation	Rick Terrill		Affirmative	N/A

	Company LLC				
5	Manitoba Hydro	Yuguang Xiao		Negative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Negative	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		Abstain	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A

5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		Affirmative	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	David Lemmons		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A

6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Negative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		Affirmative	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Negative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		Affirmative	N/A
6	NiSource - Northern Indiana Public	Joe O'Brien		Affirmative	N/A

	Service Co.				
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		Affirmative	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Megan Wagner		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A

7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Negative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Negative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	Joe Spencer		Affirmative	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

Previous 1 Next

Showing 1 to 277 of 277 entries

BALLOT RESULTS

Ballot Name: 2015-04 Alignment of Terms Term 52: Transmission Planner FN 2 DEF
Voting Start Date: 9/4/2015 11:31:12 AM
Voting End Date: 9/14/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: FN
Ballot Series: 2
Total # Votes: 271
Total Ballot Pool: 277
Quorum: 97.83
Weighted Segment Value: 90.8

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	63	0.955	3	0.045	0	3	1
Segment: 2	7	0.7	4	0.4	3	0.3	0	0	0
Segment: 3	64	1	56	0.933	4	0.067	0	2	2
Segment: 4	24	1	19	0.95	1	0.05	0	2	2
Segment:	59	1	51	0.927	4	0.073	0	3	1

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Segment: 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Segment: 6	41	1	36	0.9	4	0.1	0	1	0
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.7	7	0.7	0	0	0	0	0
Totals:	277	6.9	241	6.265	19	0.635	0	11	6

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo
1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A

1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		Affirmative	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Negative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A

1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Nicolas Turcotte		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Danny Pudenz		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		Affirmative	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A

1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Charles Raney		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Negative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A

1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Negative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A

2	Electric Reliability Council of Texas, Inc.	christina bigelow		Negative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	John Pearson	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	N/A
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Negative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Shuye Teng		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		Affirmative	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Negative	N/A

3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		Affirmative	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Negative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		Affirmative	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and	Mike Anctil		None	N/A

	Power				
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Negative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Jeff Landis		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		Affirmative	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A

3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins	Chris Janick	Affirmative	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		Affirmative	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Negative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A

4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Negative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		Abstain	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish	John Martinsen		Affirmative	N/A

	County				
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		Affirmative	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		Affirmative	N/A
5	City and County of San Francisco	Daniel Mason		Abstain	N/A
5	City of Independence, Power and Light Department	Jim Nail		Affirmative	N/A

5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Jeff Icke		Negative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation	Rick Terrill		Affirmative	N/A

	Company LLC				
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		Abstain	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Negative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A

5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		Affirmative	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Negative	N/A
5	Xcel Energy, Inc.	David Lemmons		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
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6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A

6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Negative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		Affirmative	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		Affirmative	N/A
6	NiSource - Northern Indiana Public	Joe O'Brien		Affirmative	N/A

	Service Co.				
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Negative	N/A
6	Omaha Public Power District	Mark Trumble		Negative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		Affirmative	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Megan Wagner		Negative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A

7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	Joe Spencer		Affirmative	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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BALLOT RESULTS

Ballot Name: 2015-04 Alignment of Terms Term 54: Transmission Service Provider FN 2 DEF
Voting Start Date: 9/4/2015 11:30:14 AM
Voting End Date: 9/14/2015 8:00:00 PM
Ballot Type: DEF
Ballot Activity: FN
Ballot Series: 2
Total # Votes: 271
Total Ballot Pool: 277
Quorum: 97.83
Weighted Segment Value: 98.29

Segment	Ballot Pool	Segment Weight	Affirmative Votes	Affirmative Fraction	Negative Votes w/ Comment	Negative Fraction w/ Comment	Negative Votes w/o Comment	Abstain	No Vote
Segment: 1	70	1	66	1	0	0	0	3	1
Segment: 2	7	0.7	6	0.6	1	0.1	0	0	0
Segment: 3	64	1	60	1	0	0	0	2	2
Segment: 4	24	1	20	1	0	0	0	2	2
Segment:	59	1	54	0.982	1	0.018	0	3	1

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Segment: 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Segment: 6	41	1	40	1	0	0	0	1	0
Segment: 7	1	0.1	1	0.1	0	0	0	0	0
Segment: 8	2	0.2	2	0.2	0	0	0	0	0
Segment: 9	2	0.2	2	0.2	0	0	0	0	0
Segment: 10	7	0.7	7	0.7	0	0	0	0	0
Totals:	277	6.9	258	6.782	2	0.118	0	11	6

BALLOT POOL MEMBERS

Show All entries

Search: Search

Segment	Organization	Voter	Designated Proxy	Ballot	NERC Memo
1	AEP - AEP Service Corporation	paul johnson		Affirmative	N/A

1	Ameren - Ameren Services	Eric Scott		Affirmative	N/A
1	American Transmission Company, LLC	Andrew Pusztai		Affirmative	N/A
1	Associated Electric Cooperative, Inc.	Phil Hart		Affirmative	N/A
1	Austin Energy	Thomas Standifur		Affirmative	N/A
1	Balancing Authority of Northern California	Kevin Smith	Joe Tarantino	Affirmative	N/A
1	BC Hydro and Power Authority	Patricia Robertson		Abstain	N/A
1	Beaches Energy Services	Don Cuevas		Affirmative	N/A
1	Berkshire Hathaway Energy - MidAmerican Energy Co.	Terry Harbour		Affirmative	N/A
1	Black Hills Corporation	Wes Wingen		Affirmative	N/A
1	Bonneville Power Administration	Donald Watkins		Affirmative	N/A
1	Bryan Texas Utilities	John Fontenot		Affirmative	N/A
1	Cleco Corporation	John Lindsey	Louis Guidry	Affirmative	N/A
1	Colorado Springs Utilities	Shawna Speer		Affirmative	N/A
1	Con Ed - Consolidated Edison Co. of New York	Chris de Graffenried	Kelly Dash	Affirmative	N/A
1	Dairyland Power Cooperative	Robert Roddy		Affirmative	N/A
1	Dominion - Dominion Virginia Power	Larry Nash		Affirmative	N/A
1	Duke Energy	Doug Hils		Affirmative	N/A
1	Edison International - Southern California Edison Company	Steven Mavis		Affirmative	N/A

1	Entergy - Entergy Services, Inc.	Oliver Burke		Affirmative	N/A
1	Exelon	Chris Scanlon		Affirmative	N/A
1	FirstEnergy - FirstEnergy Corporation	William Smith		Affirmative	N/A
1	Great River Energy	Gordon Pietsch		Affirmative	N/A
1	Hydro One Networks, Inc.	Payam Farahbakhsh		Abstain	N/A
1	Hydro-Qu?bec TransEnergie	Nicolas Turcotte		Affirmative	N/A
1	International Transmission Company Holdings Corporation	Michael Moltane		Abstain	N/A
1	KAMO Electric Cooperative	Walter Kenyon		Affirmative	N/A
1	Lincoln Electric System	Danny Pudenz		Affirmative	N/A
1	Lower Colorado River Authority	Teresa Cantwell		Affirmative	N/A
1	M and A Electric Power Cooperative	William Price		Affirmative	N/A
1	Manitoba Hydro	Mike Smith		Affirmative	N/A
1	MEAG Power	David Weekley	Scott Miller	Affirmative	N/A
1	Muscatine Power and Water	Andy Kurriger		Affirmative	N/A
1	N.W. Electric Power Cooperative, Inc.	Mark Ramsey		Affirmative	N/A
1	National Grid USA	Michael Jones		Affirmative	N/A
1	Nebraska Public Power District	Jamison Cawley		Affirmative	N/A
1	New York Power Authority	Salvatore Spagnolo		Affirmative	N/A

1	NextEra Energy - Florida Power and Light Co.	Mike ONeil		Affirmative	N/A
1	NiSource - Northern Indiana Public Service Co.	Charles Raney		Affirmative	N/A
1	Northeast Missouri Electric Power Cooperative	Kevin White		None	N/A
1	OGE Energy - Oklahoma Gas and Electric Co.	Terri Pyle		Affirmative	N/A
1	Ohio Valley Electric Corporation	Scott Cunningham		Affirmative	N/A
1	Omaha Public Power District	Doug Peterchuck		Affirmative	N/A
1	Oncor Electric Delivery	Rod Kinard		Affirmative	N/A
1	Peak Reliability	Jared Shakespeare		Affirmative	N/A
1	PHI - Potomac Electric Power Co.	David Thorne		Affirmative	N/A
1	Platte River Power Authority	John Collins		Affirmative	N/A
1	PNM Resources - Public Service Company of New Mexico	Laurie Williams		Affirmative	N/A
1	Portland General Electric Co.	John Walker		Affirmative	N/A
1	PPL Electric Utilities Corporation	Brenda Truhe		Affirmative	N/A
1	PSEG - Public Service Electric and Gas Co.	Joseph Smith		Affirmative	N/A
1	Public Utility District No. 1 of Snohomish County	Long Duong		Affirmative	N/A

1	Public Utility District No. 2 of Grant County, Washington	Michiko Sell		Affirmative	N/A
1	Sacramento Municipal Utility District	Tim Kelley	Joe Tarantino	Affirmative	N/A
1	Salt River Project	Steven Cobb		Affirmative	N/A
1	Santee Cooper	Shawn Abrams		Affirmative	N/A
1	SCANA - South Carolina Electric and Gas Co.	Tom Hanzlik		Affirmative	N/A
1	Seattle City Light	Pawel Krupa		Affirmative	N/A
1	Seminole Electric Cooperative, Inc.	Mark Churilla	Bret Galbraith	Affirmative	N/A
1	Sho-Me Power Electric Cooperative	Denise Stevens		Affirmative	N/A
1	Southern Company - Southern Company Services, Inc.	Robert A. Schaffeld		Affirmative	N/A
1	Southern Indiana Gas and Electric Co.	Steve Rawlinson		Affirmative	N/A
1	Tacoma Public Utilities (Tacoma, WA)	John Merrell		Affirmative	N/A
1	Tennessee Valley Authority	Howell Scott		Affirmative	N/A
1	Tri-State G and T Association, Inc.	Tracy Sliman		Affirmative	N/A
1	U.S. Bureau of Reclamation	Richard Jackson		Affirmative	N/A
1	United Illuminating Co.	Jonathan Appelbaum		Affirmative	N/A
1	Westar Energy	Kevin Giles		Affirmative	N/A
1	Western Area Power Administration	Steve Johnson		Affirmative	N/A
1	Xcel Energy, Inc.	Dean Schiro		Affirmative	N/A

2	Electric Reliability Council of Texas, Inc.	christina bigelow		Affirmative	N/A
2	Herb Schrayshuen	Herb Schrayshuen		Affirmative	N/A
2	Independent Electricity System Operator	Leonard Kula		Affirmative	N/A
2	ISO New England, Inc.	Michael Puscas	John Pearson	Affirmative	N/A
2	Midcontinent ISO, Inc.	Terry BIlke		Negative	N/A
2	PJM Interconnection, L.L.C.	Mark Holman		Affirmative	N/A
2	Southwest Power Pool, Inc. (RTO)	Charles Yeung	Shannon Mickens	Affirmative	N/A
3	Ameren - Ameren Services	David Jendras		Affirmative	N/A
3	Anaheim Public Utilities Dept.	Dennis Schmidt		Abstain	N/A
3	Associated Electric Cooperative, Inc.	Todd Bennett		Affirmative	N/A
3	Austin Energy	Shuye Teng		Affirmative	N/A
3	Avista - Avista Corporation	Scott Kinney		None	N/A
3	Basin Electric Power Cooperative	Jeremy Voll		Affirmative	N/A
3	Beaches Energy Services	Steven Lancaster		Affirmative	N/A
3	Berkshire Hathaway Energy - MidAmerican Energy Co.	Thomas Mielnik	Darnez Gresham	Affirmative	N/A
3	Bonneville Power Administration	Rebecca Berdahl		Affirmative	N/A
3	Central Electric Power Cooperative (Missouri)	Adam Weber		Affirmative	N/A
3	City of Farmington	Linda Jacobson-Quinn		Affirmative	N/A

3	City of Green Cove Springs	Mark Schultz		Affirmative	N/A
3	City of Leesburg	Chris Adkins		Affirmative	N/A
3	Cleco Corporation	Michelle Corley	Louis Guidry	Affirmative	N/A
3	CMS Energy - Consumers Energy Company	Karl Blaszkowski		Affirmative	N/A
3	Colorado Springs Utilities	Charles Morgan		Affirmative	N/A
3	Con Ed - Consolidated Edison Co. of New York	Peter Yost		Affirmative	N/A
3	Dominion - Dominion Resources, Inc.	Connie Lowe		Affirmative	N/A
3	DTE Energy - Detroit Edison Company	Kent Kujala		Affirmative	N/A
3	Duke Energy	Lee Schuster		Affirmative	N/A
3	Exelon	John Bee		Affirmative	N/A
3	FirstEnergy - FirstEnergy Corporation	Theresa Ciancio		Affirmative	N/A
3	Florida Municipal Power Agency	Joe McKinney		Affirmative	N/A
3	Florida Power & Light	Summer Esquerre		Affirmative	N/A
3	Georgia System Operations Corporation	Scott McGough		Abstain	N/A
3	Great River Energy	Brian Glover		Affirmative	N/A
3	KAMO Electric Cooperative	Ted Hilmes		Affirmative	N/A
3	Lakeland Electric	Mace Hunter		Affirmative	N/A
3	Los Angeles Department of Water and	Mike Anctil		None	N/A

	Power				
3	M and A Electric Power Cooperative	Stephen Pogue		Affirmative	N/A
3	Manitoba Hydro	Karim Abdel-Hadi		Affirmative	N/A
3	MEAG Power	Roger Brand	Scott Miller	Affirmative	N/A
3	Modesto Irrigation District	Jack Savage		Affirmative	N/A
3	Muscatine Power and Water	Seth Shoemaker		Affirmative	N/A
3	National Grid USA	Brian Shanahan		Affirmative	N/A
3	Nebraska Public Power District	Tony Eddleman		Affirmative	N/A
3	New York Power Authority	David Rivera		Affirmative	N/A
3	NiSource - Northern Indiana Public Service Co.	Ramon Barany		Affirmative	N/A
3	Northeast Missouri Electric Power Cooperative	Skyler Wiegmann		Affirmative	N/A
3	NW Electric Power Cooperative, Inc.	John Stickley		Affirmative	N/A
3	OGE Energy - Oklahoma Gas and Electric Co.	Donald Hargrove		Affirmative	N/A
3	PHI - Potomac Electric Power Co.	Mark Yerger		Affirmative	N/A
3	Platte River Power Authority	Jeff Landis		Affirmative	N/A
3	PNM Resources	Michael Mertz		Affirmative	N/A
3	Portland General Electric Co.	Thomas Ward		Affirmative	N/A
3	PPL - Louisville Gas and Electric Co.	Charles Freibert		Affirmative	N/A

3	PSEG - Public Service Electric and Gas Co.	Jeffrey Mueller		Affirmative	N/A
3	Puget Sound Energy, Inc.	Andrea Basinski		Affirmative	N/A
3	Rutherford EMC	Tom Haire		Affirmative	N/A
3	Sacramento Municipal Utility District	Rachel Moore	Joe Tarantino	Affirmative	N/A
3	Salt River Project	John Coggins	Chris Janick	Affirmative	N/A
3	Santee Cooper	James Poston		Affirmative	N/A
3	Seattle City Light	Dana Wheelock		Affirmative	N/A
3	Seminole Electric Cooperative, Inc.	James Frauen		Affirmative	N/A
3	Sho-Me Power Electric Cooperative	Jeff Neas		Affirmative	N/A
3	Snohomish County PUD No. 1	Mark Oens		Affirmative	N/A
3	Southern Company - Alabama Power Company	R. Scott Moore		Affirmative	N/A
3	Southern Indiana Gas and Electric Co.	Jim Cox		Affirmative	N/A
3	Tacoma Public Utilities (Tacoma, WA)	Marc Donaldson		Affirmative	N/A
3	Tennessee Valley Authority	Ian Grant		Affirmative	N/A
3	Tri-State G and T Association, Inc.	Janelle Marriott Gill		Affirmative	N/A
3	We Energies - Wisconsin Electric Power Marketing	Jim Keller		Affirmative	N/A
3	Westar Energy	Bo Jones		Affirmative	N/A
3	Xcel Energy, Inc.	Michael Ibold		Affirmative	N/A

4	Alliant Energy Corporation Services, Inc.	Kenneth Goldsmith		Affirmative	N/A
4	Austin Energy	Tina Garvey		Affirmative	N/A
4	City of Clewiston	Lynne Mila		Affirmative	N/A
4	City of New Smyrna Beach Utilities Commission	Tim Beyrle		Affirmative	N/A
4	City of Winter Park	Mark Brown		None	N/A
4	City Utilities of Springfield, Missouri	John Allen		Affirmative	N/A
4	CMS Energy - Consumers Energy Company	Julie Hegedus		Affirmative	N/A
4	DTE Energy - Detroit Edison Company	Daniel Herring		Affirmative	N/A
4	FirstEnergy - Ohio Edison Company	Doug Hohlbaugh		Affirmative	N/A
4	Flathead Electric Cooperative	Russ Schneider		Abstain	N/A
4	Florida Municipal Power Agency	Carol Chinn		Affirmative	N/A
4	Georgia System Operations Corporation	Guy Andrews		Abstain	N/A
4	Illinois Municipal Electric Agency	Bob Thomas		Affirmative	N/A
4	Keys Energy Services	Stanley Rzad		Affirmative	N/A
4	MGE Energy - Madison Gas and Electric Co.	Joseph DePoorter		Affirmative	N/A
4	Modesto Irrigation District	Spencer Tacke		None	N/A
4	Municipal Energy Agency of Nebraska	Robin Spady		Affirmative	N/A
4	Public Utility District No. 1 of Snohomish	John Martinsen		Affirmative	N/A

	County				
4	Sacramento Municipal Utility District	Michael Ramirez	Joe Tarantino	Affirmative	N/A
4	Seattle City Light	Hao Li		Affirmative	N/A
4	Seminole Electric Cooperative, Inc.	Michael Ward		Affirmative	N/A
4	Tacoma Public Utilities (Tacoma, WA)	Hien Ho		Affirmative	N/A
4	Utility Services, Inc.	Brian Evans-Mongeon		Affirmative	N/A
4	WEC Energy Group, Inc.	Anthony Jankowski		Affirmative	N/A
5	AEP	Thomas Foltz		Affirmative	N/A
5	Ameren - Ameren Missouri	Sam Dwyer		Affirmative	N/A
5	APS - Arizona Public Service Co.	Stephanie Little		Affirmative	N/A
5	Associated Electric Cooperative, Inc.	Matthew Pacobit		None	N/A
5	Austin Energy	Jeanie Doty		Affirmative	N/A
5	Basin Electric Power Cooperative	Mike Kraft		Affirmative	N/A
5	Bonneville Power Administration	Francis Halpin		Affirmative	N/A
5	Brazos Electric Power Cooperative, Inc.	Shari Heino		Negative	N/A
5	Choctaw Generation Limited Partnership, LLLP	Rob Watson		Affirmative	N/A
5	City and County of San Francisco	Daniel Mason		Abstain	N/A
5	City of Independence, Power and Light Department	Jim Nail		Affirmative	N/A

5	Cleco Corporation	Stephanie Huffman	Louis Guidry	Affirmative	N/A
5	CMS Energy - Consumers Energy Company	David Greyerbiehl		Affirmative	N/A
5	Colorado Springs Utilities	Jeff Icke		Affirmative	N/A
5	Con Ed - Consolidated Edison Co. of New York	Brian O'Boyle		Affirmative	N/A
5	Dairyland Power Cooperative	Tommy Drea		Affirmative	N/A
5	Dominion - Dominion Resources, Inc.	Randi Heise		Affirmative	N/A
5	DTE Energy - Detroit Edison Company	Jeffrey DePriest		Affirmative	N/A
5	Duke Energy	Dale Goodwine		Affirmative	N/A
5	EDP Renewables North America LLC	Heather Morgan		Affirmative	N/A
5	Exelon	Vince Catania		Affirmative	N/A
5	FirstEnergy - FirstEnergy Solutions	Robert Loy		Affirmative	N/A
5	Florida Municipal Power Agency	David Schumann		Affirmative	N/A
5	Great River Energy	Preston Walsh		Affirmative	N/A
5	Hydro-Qu?bec Production	Roger Dufresne	manon paquet	Affirmative	N/A
5	JEA	John Babik		Affirmative	N/A
5	Lakeland Electric	Jim Howard		Affirmative	N/A
5	Lincoln Electric System	Kayleigh Wilkerson		Affirmative	N/A
5	Lower Colorado River Authority	Dixie Wells		Affirmative	N/A
5	Luminant - Luminant Generation	Rick Terrill		Affirmative	N/A

	Company LLC				
5	Manitoba Hydro	Yuguang Xiao		Affirmative	N/A
5	Massachusetts Municipal Wholesale Electric Company	David Gordon		Abstain	N/A
5	MEAG Power	Steven Grego	Scott Miller	Affirmative	N/A
5	Muscatine Power and Water	Mike Avesing		Affirmative	N/A
5	Nebraska Public Power District	Don Schmit		Affirmative	N/A
5	New York Power Authority	Wayne Sipperly		Affirmative	N/A
5	NextEra Energy	Allen Schriver		Abstain	N/A
5	NiSource - Northern Indiana Public Service Co.	Michael Melvin		Affirmative	N/A
5	OGE Energy - Oklahoma Gas and Electric Co.	Leo Staples		Affirmative	N/A
5	Oglethorpe Power Corporation	Bernard Johnson		Affirmative	N/A
5	Omaha Public Power District	Mahmood Safi		Affirmative	N/A
5	OTP - Otter Tail Power Company	Cathy Fogale		Affirmative	N/A
5	Platte River Power Authority	Tyson Archie		Affirmative	N/A
5	PSEG - PSEG Fossil LLC	Tim Kucey		Affirmative	N/A
5	Public Utility District No. 1 of Snohomish County	Sam Nietfeld		Affirmative	N/A
5	Public Utility District No. 2 of Grant County, Washington	Alex Ybarra		Affirmative	N/A

5	Puget Sound Energy, Inc.	Lynda Kupfer		Affirmative	N/A
5	Sacramento Municipal Utility District	Susan Gill-Zobitz	Joe Tarantino	Affirmative	N/A
5	Salt River Project	Kevin Nielsen		Affirmative	N/A
5	Santee Cooper	Lewis Pierce		Affirmative	N/A
5	Seattle City Light	Mike Haynes		Affirmative	N/A
5	Southern Company - Southern Company Generation	William D. Shultz		Affirmative	N/A
5	Southern Indiana Gas and Electric Co.	Scotty Brown	Rob Collins	Affirmative	N/A
5	Tacoma Public Utilities (Tacoma, WA)	Chris Mattson		Affirmative	N/A
5	Tennessee Valley Authority	Brandy Spraker		Affirmative	N/A
5	U.S. Bureau of Reclamation	Erika Doot		Affirmative	N/A
5	WEC Energy Group, Inc.	Linda Horn		Affirmative	N/A
5	Westar Energy	stephanie johnson		Affirmative	N/A
5	Xcel Energy, Inc.	David Lemmons		Affirmative	N/A
6	ACES Power Marketing	Ben Engelby		Abstain	N/A
6	AEP - AEP Marketing	Edward P Cox		Affirmative	N/A
6	Ameren - Ameren Services	Robert Quinlivan		Affirmative	N/A
6	Associated Electric Cooperative, Inc.	Brian Ackermann		Affirmative	N/A
6	Austin Energy	Andrew Gallo		Affirmative	N/A
6	Berkshire Hathaway - PacifiCorp	Sandra Shaffer		Affirmative	N/A

6	Cleco Corporation	Robert Hirchak	Louis Guidry	Affirmative	N/A
6	Colorado Springs Utilities	Shannon Fair		Affirmative	N/A
6	Con Ed - Consolidated Edison Co. of New York	Robert Winston		Affirmative	N/A
6	Dominion - Dominion Resources, Inc.	Louis Slade		Affirmative	N/A
6	Duke Energy	Greg Cecil		Affirmative	N/A
6	Exelon	Dave Carlson		Affirmative	N/A
6	FirstEnergy - FirstEnergy Solutions	Ann Ivanc		Affirmative	N/A
6	Florida Municipal Power Agency	Richard Montgomery		Affirmative	N/A
6	Florida Municipal Power Pool	Tom Reedy		Affirmative	N/A
6	Great River Energy	Donna Stephenson	Michael Brytowski	Affirmative	N/A
6	Lincoln Electric System	Eric Ruskamp		Affirmative	N/A
6	Lower Colorado River Authority	Michael Shaw		Affirmative	N/A
6	Luminant - Luminant Energy	Brenda Hampton		Affirmative	N/A
6	Manitoba Hydro	Blair Mukanik		Affirmative	N/A
6	Modesto Irrigation District	James McFall	Nick Braden	Affirmative	N/A
6	New York Power Authority	Shivaz Chopra		Affirmative	N/A
6	NextEra Energy - Florida Power and Light Co.	Silvia Mitchell		Affirmative	N/A
6	NiSource - Northern Indiana Public	Joe O'Brien		Affirmative	N/A

	Service Co.				
6	OGE Energy - Oklahoma Gas and Electric Co.	Jerry Nottnagel	John Hare	Affirmative	N/A
6	Omaha Public Power District	Mark Trumble		Affirmative	N/A
6	Platte River Power Authority	Carol Ballantine		Affirmative	N/A
6	PPL - Louisville Gas and Electric Co.	OELKER LINN		Affirmative	N/A
6	PSEG - PSEG Energy Resources and Trade LLC	Karla Jara		Affirmative	N/A
6	Sacramento Municipal Utility District	Diane Clark	Joe Tarantino	Affirmative	N/A
6	Salt River Project	William Abraham		Affirmative	N/A
6	Santee Cooper	Michael Brown		Affirmative	N/A
6	Seattle City Light	Charles Freeman		Affirmative	N/A
6	Seminole Electric Cooperative, Inc.	Trudy Novak		Affirmative	N/A
6	Snohomish County PUD No. 1	Kenn Backholm		Affirmative	N/A
6	Southern Company - Southern Company Generation and Energy Marketing	John J. Ciza		Affirmative	N/A
6	Southern Indiana Gas and Electric Co.	Brad Lisembee		Affirmative	N/A
6	Tacoma Public Utilities (Tacoma, WA)	Rick Applegate		Affirmative	N/A
6	Tennessee Valley Authority	Marjorie Parsons		Affirmative	N/A
6	Westar Energy	Megan Wagner		Affirmative	N/A
6	Xcel Energy, Inc.	Peter Colussy		Affirmative	N/A

7	Luminant Mining Company LLC	Stewart Rake		Affirmative	N/A
8	David Kiguel	David Kiguel		Affirmative	N/A
8	Massachusetts Attorney General	Frederick Plett		Affirmative	N/A
9	City of Vero Beach	Ginny Beigel		Affirmative	N/A
9	Commonwealth of Massachusetts Department of Public Utilities	Donald Nelson		Affirmative	N/A
10	Florida Reliability Coordinating Council	Peter Heidrich		Affirmative	N/A
10	Midwest Reliability Organization	Russel Mountjoy		Affirmative	N/A
10	Northeast Power Coordinating Council	Guy V. Zito		Affirmative	N/A
10	ReliabilityFirst	Anthony Jablonski		Affirmative	N/A
10	SERC Reliability Corporation	Joe Spencer		Affirmative	N/A
10	Texas Reliability Entity, Inc.	Rachel Coyne		Affirmative	N/A
10	Western Electricity Coordinating Council	Steven Rueckert		Affirmative	N/A

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Exhibit G

Standard Drafting Team Roster

Project 2015-04 Alignment of Terms

Team Roster

No.	Name/ Title	Company/ Address	Contact information	Biography
1	**Jerry Rust** (chair) *President*	Northwest Power Pool 7505 NE Ambassador Place Portland, Oregon 97220	503-816-8977 jerry@nwpp.org	President of the NWPP corporation and in charge of the day to day operation of the corporation. Over 37 years of experienced in the power industry. Prior to the NWPP, at a large investor owned utility, previously in charge of customer service, transmission operations and planning, In addition, had a variety of assignments including Director of Financial Analysis, engineering design, and field operations. Current member of the NERC OC, chair of Project 2010-14.2.1 Phase 2.1 BARC member of Project 2010-14.2.2 Phase 2.2 BARC and member of Project 2010.14.1 Phase 1 BARC, and co-chair of the FMAG. BS in Power Engineering.
2	**Chris Scanlon** (vice-chair) *Compliance Specialist, Transmission Strategy & Compliance*	Exelon Two Lincoln Centre Oakbrook Terrace, IL 60181	847-721-8197 christopher.scanlon@exeloncorp.com	Responsible for NERC Compliance Program management at Exelon. Manages engagement with NERC for Exelon Utilities, ComEd, PECO and BGE as well as Exelon Nuclear and Power Generation. 37 years of industry experience in generation operation, control systems maintenance, bulk power operations, power marketing and NERC program management. Member of EEI Reliability Task Force, NATF Compliance Practice Group, PJM Reliability Standards Subcommittee and the NERC Standards Committee Communication Subcommittee until it's retirement in July 2013. NERC certified operator 2002-2007. BA Economics, MA Public Policy.
3	**Mark Cole** *Attorney*	Representing Georgia System Operation Corp. 2100 East Exchange Place Tucker, GA 30062	770-270-6980 cole@ahclaw.com	Mark has represented GSOC legally in connection with NERC standards and the functional model since before NERC was revising its key documents and procedures to become the ERO. He has also drafted various comments submitted/filed with FERC. Mark was on the

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				committee to draft rules of procedure for exceptions of the designation of BES elements. Also, he has served on many quality review teams for standard development projects.
4	**Michael "Shane" Crowe** *Entergy Relay Settings Supervisor*	Entergy 6540 Watkins Drive Jackson, MS 39215	601-985-2336 mcrowe@entergy.com	Transmission relay settings SME and author of multiple company procedures. Entergy's NERC compliance champion for transmission relay settings. Corporate leader for PRC-025 and PRC-027 implementation. A leader in relay settings design and compliance automation and configuration management. Prior to Entergy, worked as a design and system integration engineer in cellular communications and semiconductor industries. Inventor for US Patent 6,553,230 to expand cell phone base station coverage by 400%.
5	**Jill Loewer** *Senior Compliance Analyst*	Utility Services, Inc. 1080 Waterbury-Stowe Rd Waterbury, VT 05676	802-241-1400 jill.loewer@utilitysvcs.com	Senior Compliance Analyst since 2009 providing NERC compliance services for client base in all NERC regions. Responsible for audit package preparation/submissions; compliance documentation preparation; gap analysis; and Regional Entity portal submissions with a focus in the Operations and Planning (693) NERC Standards. Previous member of NPCC Compliance Committee. 2015 member of the Project 2015-04: Alignment of Terms Standard Drafting Team. Previous project management/supervisory and engineering positions at GE Plastics and the Colgate-Palmolive Company. BS in Chemical Engineering (process control concentration).
6	**Diana McMahon** *Manager, Reliability Compliance Program Operations & Planning*	Salt River Project P.O. Box 52025 Phoenix, AZ 85072	602-236-5396 Diana.mcmahon@srpnet.com	Industrial Engineer with 14 years in the utility industry. She earned her B.S. in Industrial Engineering and Master's Degree in Business Administration from Arizona State University. Diana joined Salt River Project in 2001, working within Information Technology Services where her primary responsibilities focused on process improvement and business analysis. In 2011, Diana moved into SRP's Environmental Compliance Management where she focused on the development of a

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				Laboratory Information Management System. Since 2013, Diana has been focused on supporting SRP's Electric Reliability Compliance Program.
7	**Shannon Mickens** *Reliability Standards Engineer*	Southwest Power Pool 201 Worthen Drive Little Rock, AR 72223	501-688-1704 smickens@spp.org	Shannon is a Standards Engineer with SPP. Previously, he managed Available Transfer Capability (ATC) calculation process for various entities, and worked as a NERC Certified Operator for SPP RTO. He focused on administration of the SPP Regional Transmission Tariff and Shift Engineer duties.
8	**Heather Moreno** *Lead Compliance Analyst*	Luminant Energy 1601 Bryan Street Dallas, TX 75201	214-812-4052 heather.moreno@luminant.com	Ms. Moreno has worked for one of the largest integrated utilities in the country for 15 years and worked with a midstream gas firm. Ms. Moreno is currently employed as Lead Compliance Analyst for Luminant, a large generation company in the deregulated ERCOT market. In her current role, Ms. Moreno is responsible interpreting regulatory obligations, designing and implementing solutions to meet those obligations, and designing and implementing internal controls around those solutions. She is also required to mitigate the regulatory risk associated with the Federal Energy Regulatory Commission (FERC), North American Energy Reliability Corporation (NERC), Public Utility Commission of Texas, Commodity Futures Trading Commission (CFTC) and the ERCOT.
9	**Patrick O'Connor** *Associate Counsel*	ReliabilityFirst Corporation 3 Summit Park Drive Cleveland, OH 44131	216-503-0670 patrick.oconnor@rfirst.org	Patrick is an Associate Counsel with ReliabilityFirst since 2014. He is primarily responsible for the day-to-day legal requirements and needs of ReliabilityFirst including case management of enforcement actions, legal support for the compliance staff in the monitoring process, and the general legal needs of ReliabilityFirst. Prior to joining ReliabilityFirst, he was in private practice as a litigator focusing on nationwide class action lawsuits and general business disputes.