

# Agenda Board of Trustees

August 5, 2010 | 8:00 a.m.-Noon EDT Toronto Marriot Eaton Centre 525 Bay Street Toronto, Ontario M5G 2L2 Canada 416-597-9200

#### Introductions and Chairman's Remarks

# **NERC Antitrust Compliance Guidelines**

#### **Consent Agenda** — Approve

#### 1. Minutes

- a. July 14, 2010 Conference Call
- b. June 11, 2010 Conference Call
- c. June 11, 2010 Action Without a Meeting
- d. May 18, 2010 Action Without a Meeting
- e. May 17, 2010 Conference Call
- f. May 12, 2010 Meeting

#### \*2. Committee Membership Appointments and Charter Changes

- a. Operating and Planning Committee Membership Changes
- b. Critical Infrastructure Protection Committee Charter Revisions

# \*3. Future Meetings

# Regular Agenda

# 4. Status of Matters in Canada — Discussion

Presentations by Mr. Brad Duguid, Ontario Minister of Energy and Infrastructure and Mr. Gaetan Caron, Chair and CEO of the National Energy Board of Canada

- 5. Remarks by Commissioner John Norris, FERC
- 6. Remarks by Commissioner Cheryl LaFleur, FERC
- 7. President's Report





#### \*8. Reliability Standards

- a. Project 2006-04 Backup Facilities Approve
- b. Project 2006-08 Reliability Coordination Transmission Loading Relief Approve
- c. Project 2007-17 Protection System Maintenance and Testing Approve
- d. Project 2007-01 Underfrequency Load Shedding Approve
- e. Project 2010-12 Order 693 Directives Approve
- f. Project 2010-09 Cyber Security Order 706B Nuclear Plant Implementation Plan **Approve**
- g. Section 1600 Data Request CIP-002-4 Approve
- h. Results-based Standards Transition Plan Accept
- i. PRC-002-NPCC— Disturbance Monitoring **Information**
- j. Discussion of Executive Forum on Reliability **Discussion**
- \*\*9. NERC and Regional Entity 2011 Business Plans and Budgets and Assessments Approve
- \*10. Bulk Power System Critical Infrastructure Strategic Roadmap Discussion
- \*11. Mandatory Data Collection of Interconnection Reliability Operating Limit/System Operating Limit (IROL/SOL) Exceedance Approve
- 12. Status Report on Regional Delegation Agreements Metrics Discussion
- \*13. Update on Legislative and Regulatory Matters Information

#### \*Committee, Group, and Forum Reports (Agenda Item 14)

**Compliance and Certification Committee** 

<u>Critical Infrastructure Protection Committee</u>

Member Representatives Committee

North American Energy Standards Board

**Operating Committee** 

Personnel Certification Governance Committee

**Planning Committee** 

Regional Entity Management Group

**Standards Committee** 

North American Transmission Forum

**Electricity Sub-Sector Coordinating Council** 



#### **Board Committee Reports**

- 15. Corporate Governance and Human Resources
  - a. Board of Trustees Compensation Model Approve
  - b. Board Oversight of NERC Standing Committees Review
- 16. Compliance
- 17. Finance and Audit
  - a. Statement of Activities for 2<sup>nd</sup> Quarter 2010 **Approve**
  - \*b. Renewal of Line of Credit Approve
- 18. **Technology**
- 19. Nominating

<sup>\*</sup>Background materials are included.

<sup>\*\*</sup>Background materials posted to the web-site and distributed electronically to the board.



# **Antitrust Compliance Guidelines**

#### I. General

It is NERC's policy and practice to obey the antitrust laws and to avoid all conduct that unreasonably restrains competition. This policy requires the avoidance of any conduct that violates, or that might appear to violate, the antitrust laws. Among other things, the antitrust laws forbid any agreement between or among competitors regarding prices, availability of service, product design, terms of sale, division of markets, allocation of customers or any other activity that unreasonably restrains competition.

It is the responsibility of every NERC participant and employee who may in any way affect NERC's compliance with the antitrust laws to carry out this commitment.

Antitrust laws are complex and subject to court interpretation that can vary over time and from one court to another. The purpose of these guidelines is to alert NERC participants and employees to potential antitrust problems and to set forth policies to be followed with respect to activities that may involve antitrust considerations. In some instances, the NERC policy contained in these guidelines is stricter than the applicable antitrust laws. Any NERC participant or employee who is uncertain about the legal ramifications of a particular course of conduct or who has doubts or concerns about whether NERC's antitrust compliance policy is implicated in any situation should consult NERC's General Counsel immediately.

#### II. Prohibited Activities

Participants in NERC activities (including those of its committees and subgroups) should refrain from the following when acting in their capacity as participants in NERC activities (e.g., at NERC meetings, conference calls and in informal discussions):

- Discussions involving pricing information, especially margin (profit) and internal
  cost information and participants' expectations as to their future prices or internal
  costs.
- Discussions of a participant's marketing strategies.
- Discussions regarding how customers and geographical areas are to be divided among competitors.



- Discussions concerning the exclusion of competitors from markets.
- Discussions concerning boycotting or group refusals to deal with competitors, vendors or suppliers.
- Any other matters that do not clearly fall within these guidelines should be reviewed with NERC's General Counsel before being discussed.

#### III. Activities That Are Permitted

From time to time decisions or actions of NERC (including those of its committees and subgroups) may have a negative impact on particular entities and thus in that sense adversely impact competition. Decisions and actions by NERC (including its committees and subgroups) should only be undertaken for the purpose of promoting and maintaining the reliability and adequacy of the bulk power system. If you do not have a legitimate purpose consistent with this objective for discussing a matter, please refrain from discussing the matter during NERC meetings and in other NERC-related communications.

You should also ensure that NERC procedures, including those set forth in NERC's Certificate of Incorporation, Bylaws, and Rules of Procedure are followed in conducting NERC business

In addition, all discussions in NERC meetings and other NERC-related communications should be within the scope of the mandate for or assignment to the particular NERC committee or subgroup, as well as within the scope of the published agenda for the meeting.

No decisions should be made nor any actions taken in NERC activities for the purpose of giving an industry participant or group of participants a competitive advantage over other participants. In particular, decisions with respect to setting, revising, or assessing compliance with NERC reliability standards should not be influenced by anti-competitive motivations.

Subject to the foregoing restrictions, participants in NERC activities may discuss:

- Reliability matters relating to the bulk power system, including operation and
  planning matters such as establishing or revising reliability standards, special
  operating procedures, operating transfer capabilities, and plans for new facilities.
- Matters relating to the impact of reliability standards for the bulk power system on electricity markets, and the impact of electricity market operations on the reliability of the bulk power system.
- Proposed filings or other communications with state or federal regulatory authorities or other governmental entities.
- Matters relating to the internal governance, management and operation of NERC, such as nominations for vacant committee positions, budgeting and assessments, and employment matters; and procedural matters such as planning and scheduling meetings.

# **Operating and Planning Committee Membership Changes**

# **Action Required**

Approve the following committee membership appointment and changes.

# **Operating Committee Election Results — Term 2010 – 2012**

Sector	Elected Member
1. Investor-owned utility	Paul Johnson, American Electric Power
2. State/municipal utility	Richard Kinas, Orlando Utilities Commission
3. Cooperative utility	Chris Bolick, Associated Electric Cooperative
4. Federal or provincial utility/Federal Power Marketing Administration	Louis-Omer Rioux, Hydro Québec TransÉnergie
5. Transmission dependent utility	Ray Phillips, Alabama Municipal Electric Authority
6. Merchant electricity generator	No nominations received.
7. Electricity Marketer	Matt Greek, RRI Energy
8. Large end-use electricity customer	No nominations received.
9. Small end-use electricity customer	No nominations received.
10. Independent system operator/ regional transmission organization	David Zwergel, Midwest ISO
11. Regional Reliability Organization	None – All members are appointed by their region.
12. State Government	Jerome Murray, Oregon Public Utility Commission

# **Planning Committee Election Results — Term 2010 – 2012**

Sector		Elected Member	
1.	Investor-owned utility	Dick Kafka, Pepco Holdings	
2.	State/municipal utility	Stuart Nelson, Lower Colorado River Authority	
3.	Cooperative utility	Jay Farrington, PowerSouth Energy Cooperative	
4.	Federal or provincial utility/Federal Power Marketing Administration	Christian Deguire, Hydro Québec TransÉnergie Ron Mazur, Manitoba Hydro	
5.	Transmission dependent utility	Kevin Koloini, American Municipal Power	
6.	Merchant electricity generator	Scott Helyer, Tenaska, Inc.	
7.	Small end-use electricity customer	Stacia Harper, Ohio Consumers' Counsel	
8.	Independent system operator/ regional transmission organization	Dan Rochester, IESO	

# **Critical Infrastructure Protection Committee Charter Revisions**

# **Action Required**

Approve

# Background

The following is a summary of the major proposed changes to the CIPC charter and the rationale for each.

<b>CIPC Charter Section Modified</b>	Reason for Change
Old Section 3	Removed entire section entitled "Functions – Electricity Sector"; contained no actionable guidance.
Throughout	Capitalized terms: Committee, Chair, Vice-Chair, and Executive Committee.
Throughout	Clarified use of acronyms (acronyms now appear after first use of the full term) and NERC Glossary Terms (now capitalized)
Throughout	Replaced bulleted lists with overall document outline, resulting in renumbering of sections and paragraphs; added paragraph headings throughout.
Throughout	Corrected typos, clarified language; all changes are highlighted in the redline version.
Section 2, Paragraph 2	Removed reference to the Indications, Analysis, and Warnings (IAW) Program.
Section 2, Paragraph 3	Added ISO/RTO Council to list in subparagraph (a); moved subparagraphs (d) and (e) into this section from Section 6 (old Section 7) – Meetings
Section 3 (old Section 4), Paragraph 3	Reordered classes of CIPC membership; causes this section to appear as mostly redline, though only minor wording changes were made.
Section 4 (old Section 5)	Removed language related to four SME EC members from the Officers section.
Section 4 (old Section 5), Paragraph 4	Clarified the Officer selection process to more closely align with CIPC practice and Robert's Rules of Order.
Section 7 (old Section 8), Paragraph 1	Added language to define selection process for SME members of the EC.
Section 7 (old Section 8), Paragraph 2	Added EPSA and IRC to the list of trade associations eligible for non-voting membership in CIPC EC in subparagraph (a).
Section 7 (old Section 8), Paragraph 4	Removed reference to CIPC EC functioning as the Electricity Sub-Sector Coordinating Council (ESCC) and replaced it with subparagraph (a)(vii), referencing coordination with ESCC.
Appendix 1	Added language to match OC and PC Charters

Critical	Infractruc	tura D	rotection	Committee
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# **CHARTER**

Approved by the Board of Trustees

August 5, 2009

**Draft for Review** 

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#### Section 1. Purpose

The mission of the Critical Infrastructure Protection Committee (CIPC) is to advance the physical and cyber security of the critical electricity infrastructure of North America.

#### Section 2. Functions – General

- 1. Advisory Panel to the **NERC** Board.
  - a. Serve as an expert advisory panel to the NERC Board of Trustees and standing committees in the areas of physical and cyber security.

### 2. Advisory Panel to the ESISAC. ES-ISAC.

b.a. Serve as an expert advisory panel to the Electricity Sector Information Sharing and Analysis Center (ESISAC) including the ESISAC's role in implementing the Indications, Analysis, and Warnings Program. ES-ISAC).

#### 2.3. Coordination and Communications.

- a. Coordinate and communicate with those responsible for both physical and cyber security in all electric industry segments, including (among others) the American Public Power Association, (APPA), Canadian Electricity Association, (CEA), Edison Electric Institute, (EEI), Electric Power Research Institute, (EPRI), Electric Power Supply Association, (EPSA), ISO/RTO Council (IRC), National Rural Electric Cooperative Association, (NRECA), North American Energy Standards Board, (NAESB), the Nuclear Energy Institute, (NEI), and the NERC Regions. Regional Entities (REs).
- b. Coordinate and communicate with the other critical infrastructure sectors as appropriate.
- c. Liaise with governments on critical infrastructure protection matters.
- d. Coordinate with the other NERC committees and working groups to assure the highest degree of collaboration possible.
- e. CIPC actions, documents, and recommendations will be distributed to the NERC committees and working groups and posted for industry comment (assuming sensitivity so permits, at the discretion of the CIPC). NERC committee, working group, and industry comments will be considered by the CIPC prior to forwarding actions or documents to the NERC Board for approval.

# 3.4.Information Reporting.

a. Establish and maintain an information reporting procedure for critical infrastructure protection among industry segments and, as appropriate, with governments. as appropriate.

# 4.5. Security Guidelines.

a. Develop, periodically review, and revise (as appropriate) security guidelines. Issue guidelines in accordance with the process described in Appendix 1.

#### 5.6.NERC Standards.

Assist in the development and implementation of NERC standards.

- a. b. Work with the NERC Operating and Planning Committees.
  - i. Identify the need for new or revised critical infrastructure protection standards and initiate standards actions by submitting standards authorization requests.
  - ii. Assist the standards process by providing expert resources in support of the development of critical infrastructure protection standards authorization requests and standards.
  - iii. Assist the standards process by providing a forum for education, sharing of views, and informed debate of critical infrastructure protection standards.
  - iv. Review draft critical infrastructure protection standards authorization requests and standards and provide comments.
  - v. Facilitate the implementation of critical infrastructure protection standards by developing reference documents and performing other activities.
- b. Coordinate standards work with the NERC Operating and Planning Committees.

# 6.7. Forums and Workshops.

a. Conduct forums and workshops related to the scope of CIPC.

# Section 3. Functions - Electricity Sector

. **Protecting.** Includes physical security, cyber security, emergency preparedness and response, business continuity planning, and recovery from a catastrophic event, with emphasis on deterring, preventing, limiting, and recovering from terrorist attacks.

- . Deterring. To dissuade one from trying.
- . Preventing. To cause an attempt to fail.
- . Limiting. To constrain consequences in time and scope to something less than what they would have been otherwise.
- Recovering. Returning to normaley quickly and without unacceptable consequences in the interim.

#### Section 3. Section 4. Membership

#### 1. Owners and Operators.

a. The majority of the members of CIPC will be representatives of the registered entities that own <u>and/</u>or operate the <u>bulk power electricityBulk Electric System</u> infrastructure of North America.

#### 2. Expectations.

- a. Committee voting members are expected to:
  - i. Bring subject matter expertise to the CIPC.
  - ii. Be knowledgeable about physical and cyber security practices and challenges in the electricity sector.
  - iii. Attend and participate in all CIPC meetings.
  - iv. Express their own opinions at committee meetings but also represent their Region's the interests of their Regions.
  - v. Discuss and debate interests rather than positions.
  - vi. Complete Committee, Task Force, and Working Group assignments.

#### 3. **Selection**.

a. There will be a minimum total of 30 voting members. The maximum will be 32÷, as described below.

- b. Twenty-four selected from the eight NERC Regional Entities each of which will appoint three members, one each with expertise in three technical areas physical security, cyber security, and operations as well as policy, as defined below:
  - Physical Security primarily focused on electricity sector facilities (including, but not limited to, generation, dams, transmission, substations, critical distribution facilities, and headquarters buildings). Candidates should have a background in Corporate or Physical Security at an asset owner utility, ISO or RTO.
  - ii. Cyber Security primarily focused on bulk power control systems (including, but not limited to, SCADA, EMS, DCS, and also systems such as OASIS), but with consideration also to systems required for business continuity of control centers. Candidates should have a background in control systems, infrastructure or operations security.
  - iii. Operations primarily focused on system operations at the balancing authority (control area) and reliability coordinator levels. Candidates should have a background in SCADA, EMS, substation or generating plant control equipment operation and administration.
- Two selected by the American Public Power Association.
  - iv. Policy defined as having had regulatory review responsibility, strategic planning, or legislative development, review or advocacy experience positions in a NERC registered entity or an industry trade association. (The Executive Committee requires this expertise to establish strategy and policy direction for the Committee.)
  - b.c. A minimum of two; (more if required as stated later in this paragraph) selected by the Canadian Electricity Association. CEA. The Committee shall contain the number of Canadian voting representatives equal to the percentage of the Net Energy for Load (NEL) of Canada to the total NEL of the United States and Canada, times the total number of voting members on the Committee, rounded up to the next whole number. The Regional Entity representatives can fulfill this requirement. If the Canadian Regional Entity representatives are not from Canada in sufficient numbers, then NERC will ask the Canadian Electricity Association CEA to select sufficient Canadian representatives to meet the requirement.
  - e.d. Two selected by the National Rural Electric Cooperative Association APPA.
- Twenty-four selected from the eight NERC Regional Entities each of which will appoint
  three members, one each with expertise in three technical areas □ physical security, cyber
  security, and operations □ as well as policy, as defined below:

- Physical Security primarily focused on electricity sector facilities, including, but not limited to, generation, dams, transmission, critical distribution facilities, and headquarters buildings. Candidates should have a background in Corporate or Physical Security at an asset owner utility, ISO or RTO.
- ii. Cyber Security primarily focused on bulk power control systems (including, but not limited to, SCADA, EMS, DCS, and also systems like OASIS), but with consideration also to systems required for business continuity of control centers. Candidates should have a background in control systems, infrastructure or operations security.
- iii. Operations primarily focused on system operations at the (control area) balancing authority and reliability coordinator levels. Candidates should have a background in SCADA, EMS, substation or generating plant control equipment operation and administration.

Policy —defined as having had regulatory review responsibility, strategic planning, or legislating development, review or advocacy experience positions in a NERC registered entity or an industry trade association. (The executive committee requires this expertise to establish strategy and policy direction for the committee.)

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#### e. 4. Two selected by NRECA.

#### 4. Executive Committee Review.

a. The executive committee Executive Committee (EC) will annually review the membership to ensure sufficient expertise is represented on the committee and that the workload of the committee Committee is being fairly distributed. Discussions with Regional Entity leadership to achieve desired committee membership would occur prior to any changes.

#### 5. Terms.

a. Terms are expected to be for at least two years with biannual review by the appointing organizations.

#### 6. Alternates.

a. Appointing organizations may appoint <u>non-voting</u> alternates who will have a voice at meetings and can be named as proxies by absent members.

#### Section 4. Section 5. Officers

- 1. 1. Terms. At its September meeting in the odd-numbered years, the committee Officer Positions.
  - <u>a. The Committee</u> shall <u>selecthave</u> a <u>chair, two vice-chairs, Chair</u> and <u>four executive</u> committee members from among its voting members by majority votetwo Vice-Chairs.

#### 2. Terms.

a. The terms of the members of the committee to serve during the periodall officer positions are for two years and shall begin on January 41<sup>st</sup> following their election and continue through December 3+31<sup>st</sup> of the second year following.

#### 3. Timing of the following two years Elections.

a. <u>Elections for the Chair and Vice-Chairs shall take place at the September meeting in</u> odd-numbered years.

#### 4. 2. Selection. Process.

- b.a. The committee selects officers at its September meeting using the following process. The chair is selected first, followed by the two vice chairs. The executive committee is selected at the following December meeting.:
  - i. The nominating subcommittee will present its recommended candidate (or candidates if filling the vice chair or executive committee Vice Chair positions).
  - ii. The chair opens Secretary will open the floor for nominations.
  - iii. After hearing no further nominations, the chair closes or upon approval of a motion to close nominations, the Secretary will close the nominating process.
- The committee will then vote on the candidate slate of candidates recommended by the nominating subcommittee, followed by the candidates nominated from the floor in the order in which they were nominated. The first candidate to garner a 2/3 majority of the committee's votes will be selected.
- - <u>iv.</u> If the committee nominates two or more persons, and none receive slate is approved <u>by a 2/3 majority-of</u>, the committee's votes, then slate shall be deemed elected and the secretary election shall close.

- iv.v.If the slate fails, the Secretary will distribute paper ballots for the members tocontaining the names of all of the candidates, listed in the order in which they were nominated, on which the Committee members shall mark their preference.

  (s).
- vi. The secretary will Secretary shall collect and tabulate the ballots. If the committee nominates three or Any ballot containing more votes than the number of open positions shall be deemed invalid. Any candidate(s) to garner a 2/3 majority of the Committee's votes will be deemed elected.
- V.vii. If open positions remain at the conclusion of the balloting process, the Chair may, at his/her discretion, open the floor for additional nominations. The Secretary shall prepare new ballots listing the names of the remaining and any newly-nominated candidates, then the winner will be selected using the Instant Runoff Process. (Explained in Roberts Rules of Order.) the order the nominations were made, and the balloting process shall be repeated until all positions have been filled.
- <u>vi.viii.</u> The elected leadership will be submitted to the NERC Board of Trustees for approval.

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#### Section 5. Section 6. Nonvoting Members

#### 1. Types of Non-voting Members.

- a. Governmental agencies at the national, provincial, and state levels
- b. Other electricity industry associations
- c. Vendors
- d. Other critical infrastructure protection sectors
- e. Other observers as appropriate
- f. CIPC secretary (and other NERC Staff)

#### Section 6. Section 7. Meetings

#### 1. Quorum.

a. A CIPC quorum requires two-thirds of the voting roster members, excluding vacant positions, to be present or represented by proxy. Any or all members of the CIPC may participate in a meeting, including being counted as part of the quorum, by means of a communication system by which all persons participating in the meeting are able to hear each other.

#### 2. **Voting**.

a. Motions carry upon affirmative vote of two-thirds of the total yes and no votes cast during the presence of a quorum. Abstentions do not count as votes.

#### 3. Proxies.

a. Only <u>roster\_rostered</u> alternates may be designated as proxy representatives who may attend and vote at meetings provided the absent member notifies in writing (letter, facsimile, or email) the <u>chair</u>, <u>vice chair</u> Chair, a <u>Vice Chair</u>, or <u>the</u> secretary. The proxy representative and his or her affiliation shall also be named in the correspondence. Each <u>meeting</u> attendee may only have one vote. In other words, an attendee may not have the normal one vote and also serve as a proxy for another member.

# 4. Agenda.

a. The agenda of actions to be voted upon shall include the general wording of proposed motions. Only a voting member can provide a motion. A reasonable effort shall be made by those sponsoring items on a meeting agenda to have the action to be voted on and with background material distributed with the agenda at least two weeks before the meeting.

#### 5. Actions Without a Meeting.

- a. CIPC may take action without a meeting if, after notice to all members, two-thirds of the members consent to the action in writing. Such action without a meeting shall be performed by electronic (facsimile or email) ballot. The executive committee EC may initiate the call for such an action. Any member may ask the chair to arrange for such an action.
- 6. Coordination with Other Committees. The CIPC will coordinate its activities with the other NERC committees and working groups to assure the highest degree of collaboration possible.
- 7. Actions, Documents, and Recommendations. CIPC actions, documents, and recommendations will be distributed to the NERC committees and working groups and

posted for industry comment (assuming sensitivity so permits, at the discretion of the CIPC). NERC committee, working group, and industry comments will be considered by the CIPC prior to forwarding actions or documents to the board for approval.

#### 6. **8. Regular Meetings**.

a. CIPC meetings will be conducted at the discretion of the <u>chairChair</u>, generally once every three months.

#### 7. 9. Open Meetings.

a. NERC committee meetings are open to the public, except as noted below under Confidential Sessions. Although meetings are open, only voting members may offer and act on motions.

#### 8. 10. Confidential Sessions.

a. The <a href="chair">chair</a> of a committee may limit attendance at a meeting or portion of a meeting, based on confidentiality of the information to be disclosed at the meeting. Such limitations should be applied sparingly and on a non-discriminatory basis as needed to protect information that is sensitive to one or more parties. A preference, where possible, is to avoid the disclosure of sensitive or confidential information so that meetings may remain open at all times. Confidentiality agreements may also be applied as necessary to protect sensitive information. (See also the following paragraph on Confidential Matters.)

#### 9. H-Confidential Matters.

a. On occasion, the CIPC may be called upon to provide information or support in relation to a matter that requires <a href="seerecy.confidentiality">seerecy.confidentiality</a>. Upon such an occasion and with the approval of the NERC President/CEO, the <a href="chair">chair</a> of the CIPC may convene a working group to provide such information or support without notice or approval of any other member or group. The existence of such a working group, its mission and results, will be shared with the members only to the degree and at the time deemed appropriate by the NERC President/CEO.

#### 10. 12. Parliamentary Procedures.

a. Roberts Rules of Order will apply to conduct of meetings.

#### 11. 13. Non-Voting Members.

a. Non-voting members will have a voice at all open meetings.

#### Section 7. Section 8. Executive Committee

#### 1. Members.

- a. The CIPC shall have an <u>executive committee Executive Committee (EC)</u> with the following membership.
  - i Chair
  - ii. Two Vice-Chairs
  - iii. Secretary (non-voting, NERC staff member)
- Four Committee members , nominated by the nominating task force and elected by the committee Committee, who are subject\_matter experts (SME) in one of the following:
   iv. areas: Physical Security, Cyber Security, Operations and Policy.
  - (a) 2. Nonvoting The SME members are selected at the December meeting in odd-numbered years, using the selection process defined in the Officers section above.
  - (b) The terms of the SME member positions are for two years and shall begin on January 1<sup>st</sup> following their election and continue through December 31<sup>st</sup> of the second year following.

# 2. **Non-voting** Members.

a. In addition, the CIPC Executive Committee EC includes, as nonvotingnon-voting participants, the immediate past CIPC Chair who may serve one year, and named representatives from American Public Power Association, Canadian Electricity Association, Edison Electric Institute, and National Rural Electric Cooperative Association. APPA, CEA, EEI, EPSA, IRC and NRECA. Other recognized and well-established trade associations from the electricity sector that are involved in critical infrastructure protection issues will be considered for nonvoting membership if they are not all ready represented. Additional nonvotingnon-voting members must be approved by the voting members of the executive committee. EC.

#### 3. Terms.

a. Terms shall be for two years commencing on January <u>41st</u> of the year following appointment.

#### 4. Duties.

a. Executive committee duties:

- i. Provide policy direction for the operation of the CIPC <u>and manage task force and working group workload.</u>
- ii. Review committee member candidates for expertise qualifications.
- iii. Respond to urgent matters by calling conference calls or special meetings.
- iv. Prepare meeting agendas.
- v. Coordinate CIPC activities with other NERC standing committees and other entities.
- vi. Report to the NERC Board of Trustees.
- vii. Serve as Coordinate and collaborate with the Electricity Sub-Sector Coordinating Council, with the president of NERC and meet with the Electricity Sector Government Coordinating Council (ESCC) as needed or requested.

#### Section 8. Section 9. Subgroups

#### 1. Appointing Subgroups.

a. The <a href="CIPCEC">CIPCEC</a> may appoint technical subgroups to address security-related issues as it deems fit or may assign such issues to its working groups and task forces. Working groups and task forces will take assignments from the <a href="CIPCEC">CIPCEC</a> and all work products will be presented to the CIPC for any further action. Subgroups will be reviewed annually by the <a href="executive committeeEC">executive committeeEC</a> to ensure <a href="thethat">thethat</a> work plans are being accomplished, workload is equitably distributed, and the subgroup is still adding value to the <a href="emailto:emmitteeCommittee">emmitteeCommittee</a> function.

#### 2. Nominating Subcommittee.

- a. At the last regular meeting (normally the <a href="MayJune">MayJune</a> meeting) before the selection of a new <a href="committee chair\_Committee Chair">committee Chair</a> (normally the September meeting), the incumbent <a href="chair\_Chair">chair\_Chair</a> will nominate, for the <a href="committee's\_Committee's approval">committee's</a> approval, a <a href="chair\_Chair">chair</a> of the nominating subcommittee. The subcommittee will recommend candidates for the <a href="committee's new chair\_Committee's Chair">committee</a> (subcommittee) or subcommittee or subcommittee or subcommittee) and <a href="certain">certain</a> or subcommittee or subcommittee or subcommittee or subcommittee) and <a href="certain">certain</a> or subcommittee) and <a href="certain">
- b. The committee chairsubcommittee Chair will then assemble the nominating subcommittee of five committee Committee members.

- c. The subcommittee will solicit nominations from the <u>committeeCommittee</u> for the <u>officerOfficer</u> and <u>executive committeeSME EC</u> positions.
- d. The subcommittee will review the nominations received and develop a slate of seven candidates: Oneone for the committee chair Committee Chair, two for the committee vice chairs Committee Vice-Chairs, and four SME members of the executive committee EC.
- e. The subcommittee will present its slate of officers at the <u>committee's Committee's</u>
  September meeting and <u>executive committeeSME EC</u> members at the <u>committee's Committee's</u> December meeting.

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#### **Appendix 1 – Reliability Guidelines Approval Process**

#### 1. <del>L.</del>Guidelines

Guidelines are documents that suggest approaches or behavior in a given technical area for the purpose of improving reliability. Reliability guidelines are not binding norms or mandatory requirements. Reliability guidelines may be adopted by a responsible entity in accordance with its own facts and circumstances.

#### 2. 2. Approval of Guidelines

Because guidelines contain suggestions that may result in actions by responsible entities, those suggestions must be thoroughly vetted before a new or updated guideline receives approval by a technical committee. The process described below will be followed by the Critical Infrastructure Protection Committee:

- a. a. New/updated draft guideline approved. for industry posting. The Critical Infrastructure Protection Committee approves for posting for industry comment the release of a new or updated draft guideline developed by one of its subgroups or the committee as a whole.
- b. b. Post draft guideline for industry comment. The draft guideline is posted for industry wide comment for forty-five (45) days. If the draft guideline is an update, a redline version against the previous version must also be posted.
- c. e. Post industry comments and responses. After the public comment period, the Critical Infrastructure Protection Committee postswill post the comments received as well as its responses to the comments. The committee may delegate the preparation of responses to a committee subgroup.
- d. d. New/updated guideline approval and posting. A new or updated guideline, which considers the comments, received, is approved by the sponsoring technical committee Critical Infrastructure Protection Committee and posted as "Approved" on the NERC Web site. Updates must include a revision history and a redline version against the previous version.
- e. e. Guideline updates. After posting a new or updated guideline, the Critical Infrastructure Protection Committee will continue to accept comments from the industry via a Webbased forum where commenter's may post their comments.
  - i. Each quarter, the Critical Infrastructure Protection Committee will review the comments received. At any time, the Critical Infrastructure Protection Committee may decide to update the guideline based on the comments received or on changes in the industry that necessitate an update.
  - ii. He Updating an existing guideline will require that a draft updated guideline be approved by the Critical Infrastructure Protection Committee in step "a" and

proceed to steps "b" and "c" until it is approved by the Critical Infrastructure Protection Committee in step "d."

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1-Standards Committee authorization is required for a reliability guideline to become a supporting document that is posted with or referenced from a NERC Reliability Standard. See Appendix 3A in the NERC's Rules of Procedure under "Supporting Documents."

iii. <del>13</del>

# **Future Meetings**

# **Action Required**

Approve August 3-4, 2011 (W-Th) in Vancouver, Canada as a future meeting date and location.

Approve change made to the **May 2011 meeting dates** from May 3-4, 2011 to May 10-11, 2011.

#### Information

The board has approved the following future meeting dates and locations:

- November 3–4, 2010 Atlanta, GA (W–Th)
- February 16-17, 2011 Phoenix, Arizona (W–Th)

### **Reliability Standards**

#### **Action Required**

Approve or remand reliability standards and plans as follows:

- a. Project 2006-04 Backup Facilities **Approve**
- b. Project 2006-08 Reliability Coordination Transmission Loading Relief Approve
- c. Project 2007-17 Protection System Maintenance and Testing **Approve**
- d. Project 2007-01 Underfrequency Load Shedding **Approve**
- e. Project 2010-12 Order 693 Directives **Approve**
- f. Project 2010-09 Cyber Security Order 706B Nuclear Plant Implementation Plan **Approve**
- g. Section 1600 Data Request CIP-002-4 Approve
- h. Results-based Standards Transition Plan Accept
- i. PRC-002-NPCC— Disturbance Monitoring **Information**
- j. Discussion of Executive Forum on Reliability **Discussion**

#### Information

NERC's Reliability Standards Program works through the Standards Committee to develop and maintain continent-wide reliability standards, utilizing NERC's Reliability Standards Development Procedure. NERC also is responsible for the review of proposed regional entity standards. The program also has primary responsibility for managing NERC's relationship with the North American Energy Standards Board, which develops business practice standards and communications protocols for electric and gas wholesale and retail market participants. The standards program depends on the active involvement of industry subject matter experts to both recommend and develop reliability standards.

#### a. Project 2006-04 — Backup Facilities

#### **Action Required**

Approve EOP-008-1: Loss of Control Center Functionality and associated Violation Risk Factors (VRFs) and Violation Severity Levels (VSLs), and direct staff to file the standard with FERC and applicable governmental authorities in Canada. Concurrently retire EOP-008-0.

#### **Background**

The purpose of the proposed standard EOP-008-1 is to ensure continued reliable operations of the Bulk Electric System (BES) in the event that a control center becomes inoperable. To accomplish this purpose and to comply with FERC directives from Order No. 693, the proposed standard:

- Now clearly delineates what needs to be in the plan for backup functionality;
- Contains a provision for managing the risk to the system during the transition from primary to backup functionality;
- Declares that a Reliability Coordinator must now have a dedicated facility for their backup functionality and Transmission Operators and Balancing Authorities can have either a dedicated facility or may contract for services to provide backup functionality;
- Requires formal review and approval of the plan for backup functionality;
- Mandates the independence of the primary and backup capabilities;
- Requires testing of the plan for backup functionality; and,
- Establishes a procedure for creating a plan to re-establish backup capability following a catastrophic situation.

A link to the project history and files is included here for reference: <a href="http://www.nerc.com/filez/standards/Backup\_Facilities.html">http://www.nerc.com/filez/standards/Backup\_Facilities.html</a>

The proposed standard addresses seven directives from FERC Order No. 693, six directly through revised requirements, and a seventh through the issuance of Compliance Bulletin #2010-04 that addresses the issue of backup functionality for large, centrally dispatched generation control centers. The six directives provide for backup capabilities that, at a minimum, must:

- Be independent of the primary control center.
- Be capable of operating for a prolonged period of time, generally defined by the time it takes to restore the primary control center.
- Provide for a minimum functionality to replicate the critical reliability functions of the primary control center.
- Provide that the extent of the backup capability be consistent with the impact of the loss of the entity's primary control center on the reliability of the bulk power system.
- Include a requirement that all reliability coordinators have full backup control centers.
- Require transmission operators and balancing authorities that have operational control over significant portions of generation and load to have minimum backup capabilities discussed above but may do so through contracting for these services instead of through dedicated backup control centers.

Five drafts of the standard were produced, including a draft for initial ballot in September 2009 that while achieving sufficient support for passage, identified the need for further standard enhancements. The team made further modifications, conducted an industry comment period, and then a concurrent initial ballot of the standard, and a non-binding poll of associated VRFs and VSLs that concluded on July 6, 2010. The proposed standard achieved 79.45 percent weighted segment approval with 89.05 percent of the ballot pool participating. At least one negative ballot with comment was received, necessitating a recirculation ballot to be held following the team's response to the comments. The results of this activity will be provided at the August 2010 board meeting. There were no significant minority views expressed in the ballot comments although some commenter's were concerned about the need to update the backup plan for *any* change, indicating that action may not always be necessary and is too prescriptive.

#### b. Project 2006-08 — Reliability Coordination — Transmission Loading Relief

### **Action Required**

Approve IRO-006-5 - Reliability Coordination — Transmission Loading Relief, IRO-006-EAST-1 —TLR Procedure for the Eastern Interconnection, the new NERC Glossary term "Market Flow," and associated VRFs and VSLs. Direct staff to file the standards and new definition with FERC and applicable governmental authorities in Canada. Concurrently retire IRO-006-4, with its attachments and regional differences, and the term "Reallocation" from the NERC Glossary.

#### **Background**

The proposed versions of the IRO-006-5 and IRO-006-EAST-1 standards are incremental improvements over the existing IRO-006-4 standard and Attachment 1. IRO-006-5 has been written to accommodate loading relief practices in all Interconnections, and relevant reliability details about the Eastern Interconnection Transmission Loading Relief (TLR) procedures in IRO-006-4 Attachment 1 have now been incorporated into IRO-006-EAST-1. Regional differences to IRO-006-4 have also been incorporated into the proposed standards and are proposed for retirement. Further, the standards have been drafted to reduce ambiguity and clearly indicate which entities are required to perform what actions. Additionally, VRFs and VSLs as proposed meet with FERC's and NERC's associated Guidelines.

A link to the project history and files is included here for reference: <a href="http://www.nerc.com/filez/standards/Reliability-Coordination-Transmission-Loading-Relief.html">http://www.nerc.com/filez/standards/Reliability-Coordination-Transmission-Loading-Relief.html</a>

The standards were processed through the full standards development process, including four postings for formal comment. During the initial ballot that concluded on July 6, 2010, the standard achieved 85.06 percent weighted segment approval with 80.16 percent of the ballot pool participating. NERC processed associated VRFs and VSLs through a non-binding poll. At least one negative ballot with comment was received, necessitating a recirculation ballot to be held following the team's response to the comments. The results of this activity will be provided at the August 2010 board meeting.

The standards were generally not controversial. However, several commenters objected to the requirement to update a TLR-1 on an hourly basis. The team noted in response that this is not a new requirement, and is one already required in the existing standard. Some commenters also suggested that the standard should not limit the actions that can be performed concurrently with TLR in response to an actual IROL violation. The drafting team believes that the list of actions provided is sufficiently broad and inclusive to allow for all concurrent solutions. Further, if a new method to mitigate congestion is developed in addition to those listed, it should be included in the standard only following the proper industry review that would be required to modify the standard.

#### c. Project 2007-17 — Protection System Maintenance and Testing

# **Action Required**

Approve PRC-005-2 — Protection System Maintenance, a new NERC Glossary term for "Protection System Maintenance Program", a modified term for "Protection System", and associated VRFs and VSLs. Direct staff to file the standard with FERC and applicable governmental authorities in Canada. Concurrently retire PRC-005-1, PRC-008-0, PRC-011-0, and PRC-017-0.

## Background

The purpose of the proposed standard PRC-005-2 is to ensure all transmission and generation Protection Systems affecting the reliability of the Bulk Electric System (BES) are maintained. The proposed standard improves reliability by adding greater specificity to the expectations for maintenance and testing of Protection Systems regarding time-based, maintenance-based, and performance-based approaches. The proposed standard also defines "Protection System Maintenance Program" and establishes minimum criteria for the program components, and modifies the definition of "Protection System" to be more inclusive of Protection System components. This revised definition addresses a standard deficiency noted in an interpretation approved by the NERC Board at its November 2009 meeting. The proposal also addresses five FERC Order 693 directives pertaining to the establishment of the maximum allowable maintenance intervals for the various types of protection systems, and the collapse of the existing maintenance standards into a single standard. FERC directed that NERC establish maximum allowable intervals for maintenance and testing of a protection system appropriate to the type of the protection system and its impact on the reliability of the Bulk-Power System, and the proposed PRC-005-2 succeeds in that objective.

During the development of the proposed standard, commenters expressed concern that the minimum criteria for the Protection System Maintenance Program are too prescriptive; and that the maximum allowable maintenance intervals are too restrictive for a "zero tolerance" program. The team modified the standard as a result, both in the tables of maintenance activities, and to a lesser extent, to the maximum allowable maintenance intervals.

The proposed standard was developed according to the NERC Reliability Standards Development Procedure. The standard drafting team developed two drafts of the reliability standard and developed VRFs and VSLs that meet NERC's and FERC's guidelines. During these opportunities, some commenters expressed concern over the inclusion of Transmission Owners as a responsible entity versus only Distribution Providers. The drafting team identified that in some areas the Transmission Owners are responsible for implementing UFLS and the approach is consistent with the current standard. Another concern centered on the limits placed on the generators required to support model development to those identified in NERC's Statement of Compliance Registry criteria, indicating that frequency perturbations are potentially impactful to all generators. The team did not identify a meaningful way to incorporate criteria that reaches beyond the Bulk Electric System-connected generators for purposes of modeling.

A link to the project history and files is included here for reference: http://www.nerc.com/filez/standards/Protection System Maintenance Project 2007-17.html

At its June 2010 meeting, the Standards Committee approved a deviation to the regular development process to allow an expedited third posting with concurrent ballot in June 2010, with a target for NERC Board action at its August 2010 meeting. NERC began the initial ballot on July 8, 2010. The results of the initial and recirculation ballots as well as the summary of minority opinions will be provided at the August 2010 board meeting. NERC is also conducting a non-binding poll of the proposed VRFs and VSLs concurrent with the standard ballot.

## d. Project 2007-01 — Underfrequency Load Shedding

## **Action Required**

Approve PRC-006-1 — Under-frequency Load Shedding and EOP-003-2 – Load Shedding Plans, and associated VRFs and VSLs, direct staff to file the standards with FERC and applicable governmental authorities in Canada. Concurrently retire PRC-006-0, PRC-007-0, PRC-009-0, and EOP-003-1.

### **Background**

Proposed standard, PRC-006-1, establishes design and documentation requirements for automatic Under-frequency Load Shedding (UFLS) programs to arrest declining frequency, assist recovery of frequency following underfrequency events, and provide last resort system preservation measures. The proposed standard improves reliability by:

- Establishing common performance characteristics that all UFLS programs must meet;
- Eliminating the "fill in the blank" aspects of the Version 0 standard; and
- Assigning responsibility for the development and assessment of UFLS programs to the Planning Coordinator.

In Order No. 693, FERC did not approve or remand the proposed reliability standard, PRC-006-0, as it is a "fill-in-the-blank" standard requiring the then Regional Reliability Organizations to develop the details of their UFLS programs. However, FERC did direct NERC to eliminate the use of the Regional Reliability Organization as a responsible entity and transition these requirements to the Regional Entity. The proposed reliability standard, PRC-006-1, addresses this directive in an equally efficient and effective manner by assigning responsibility to the Planning Coordinator for establishing UFLS programs, consistent with the expectations in the NERC Functional Model Version 5. PRC-007-0 and PRC-009-0 were both approved by FERC in Order 693 and the requirements in these standards map to the proposed reliability standard, PRC-006-1.

The proposed standard was developed according to the NERC Reliability Standards Development Procedure. The standard drafting team developed three drafts of the reliability standard and developed VRFs and VSLs that meet NERC's and FERC's guidelines. During these opportunities, some commenters expressed concern over the inclusion of Transmission Owners as a responsible entity versus only Distribution Providers. The drafting team identified that in some areas the Transmission Owners are responsible for implementing UFLS and the approach is consistent with the current standard. Another concern centered on the limits placed on the generators required to support model development to those identified in NERC's Statement of Compliance Registry criteria, indicating that frequency perturbations are potentially impactful to all generators. The team did not identify a meaningful way to incorporate criteria that reaches beyond the Bulk Electric System-connected generators for purposes of modeling.

A link to the project history and files is included here for reference: <a href="http://www.nerc.com/filez/standards/Underfrequency\_Load\_Shedding.html">http://www.nerc.com/filez/standards/Underfrequency\_Load\_Shedding.html</a>

At its June 2010 meeting, the Standards Committee approved a deviation to the regular development process to allow an expedited third posting with concurrent ballot in June 2010, with a target for NERC Board action at its August 2010 meeting. NERC began the initial ballot on July 8, 2010. The results of the initial and recirculation ballots as well as the summary of minority opinions will be provided at the August 2010 board meeting. NERC is also conducting a non-binding poll of the proposed VRFs and VSLs concurrent with the standard ballot.

## e. Project 2010-12 — Order 693 Directives

#### **Action Required**

In accordance with the implementation plans provided therein, approve the following proposed standards, new or modified terms, and associated Violation Risk Factors and Violation Severity Levels, direct staff to file the standards with FERC and applicable governmental authorities in Canada. Concurrently retire existing versions of standards or NERC Glossary terms that are superseded by the approval as requested.

Revised Standards and Associated VRFs and VSLs for Approval

- BAL-002-1 Disturbance Control Performance
- EOP-002-3 Capacity and Energy Emergencies
- FAC-002-1 Coordination of Plans For New Generation, Transmission, and End-User Facilities
- MOD-021-2 Documentation of the Accounting Methodology for the Effects of Demand-Side Management in Demand and Energy Forecasts
- PRC-004-2 Analysis and Mitigation of Transmission and Generation Protection System Misoperations
- VAR-001-2 Voltage and Reactive Control

## Existing Standards to Retire

- BAL-002-0 Disturbance Control Performance
- EOP-002-2 Capacity and Energy Emergencies
- FAC-002-0 Coordination of Plans For New Generation, Transmission, and End-User Facilities
- MOD-021-1 Documentation of the Accounting Methodology for the Effects of Demand-Side Management in Demand and Energy Forecasts
- PRC-004-1 Analysis and Mitigation of Transmission and Generation Protection System Misoperations
- VAR-001-1 Voltage and Reactive Control

NERC Glossary of Term Additions/Modifications/Retirement

None

#### Effective Dates

- MOD-021-1 the first day of the first calendar quarter after applicable regulatory approval; or in those jurisdictions where no regulatory approval is required, the first day of the first calendar quarter after Board of Trustees' adoption.
- EOP-002-3, FAC-002-1, and VAR-001-2 first day of the first calendar quarter, six months after applicable regulatory approval; or in those jurisdictions where no regulatory approval is required, the first day of the first calendar quarter six months after Board of Trustees' adoption.

• BAL-002-1 and PRC-004-2 - first day of the first calendar quarter, one year after applicable regulatory approval; or in those jurisdictions where no regulatory approval is required, the first day of the first calendar quarter one year after Board of Trustees' adoption.

#### **Background**

Following the issuance of the FERC orders on March 18, 2010, NERC increased its focus to addressing outstanding directives from FERC Order 693, issued in March, 2007. The request for approval herein reflects the first phase of a multi-phased activity to address the Order No. 693 directives completely by the end of 2011. The proposal contains 6 revised standards that address 11 directives that were deemed to be non- or less controversial to implement. Concurrent to the implementation of these modifications, NERC proposes to retire 6 existing standards.

The proposed standards are being processed through an expedited standards development process approved by the Standards Committee Executive Committee in June, 2010. The Standards Authorization Request and set of proposed standard changes were drafted by NERC staff, reviewed, and modified by a team of industry experts identified by staff, then presented for Standards Committee approval. After modifying the proposal to assure the changes did not conflict with the work of existing drafting teams that were nearing project completion, the Standards Committee Executive Committee approved the request and the set of proposed changes were posted for concurrent comment and initial ballot that began on June 18 and concluded on July 14, 2010. The ballot was conducted on a directive-level basis, in essence, a line item ballot. Proposals that did not garner sufficient support as demonstrated by the results of the initial ballot and the comments received were withdrawn from consideration in the recirculation ballot. The team was permitted to make modifications between the initial and recirculation ballots based on comments received to improve the overall quality of the standard. The recirculation ballot is slated to occur from July 20-30, 2010. NERC is also conducting a non-binding poll of the proposed VRFs and VSLs concurrent with the standards ballot. The results of the initial and recirculation ballots as well as the summary of the comments received will be provided at the August, 2010 Board meeting.

A link to the project history and files is included here for reference: at http://www.nerc.com/filez/standards/Project2010-12 Order-693 Directives.html.

While the standards changes are not expected to be controversial, the process used to develop the initial proposal for Standards Committee consideration engendered concern from some industry representatives. Several commenters suggested that NERC staff involvement should not include drafting requirements or selecting experts to support standards development, and that the single concurrent comment and ballot approach was inappropriate. However, these actions are consistent with ANSI essential principles, and any interested party, including NERC staff, can propose a standards change request that includes red-line changes to the standards.

## f. Project 2010-09 — Cyber Security Order 706B Nuclear Plant Implementation Plan

## **Action Required**

Approve CIP-002 through CIP-009 Versions 2 and 3 implementation plans for U.S. nuclear plants and direct staff to file the plans with FERC and applicable governmental authorities in Canada.

# **Background**

In its March 18, 2010 Order that approved the Version 1 CIP implementation plan for nuclear power plant generator owners and operators, FERC directed NERC, upon completion of the balloting process, to make a compliance filing submitting implementation plans for the Versions 2 and 3 CIP standards for owners and operators of the U.S. nuclear power plants on the same schedule established for Version 1. Accordingly, NERC, through the drafting team that developed the CIP Version 1 implementation plan for U.S. nuclear power plants, developed plans for implementing Versions 2 and 3 of the CIP standards on the same schedule as approved for Version 1. The Version 1 implementation plan, and now the Version 2 and 3 plans, are the later of i) the FERC-approved effective date of the Version 1 order plus 18 months or September 18, 2011, ii) the date the scope of systems determination is completed plus 10 months; or iii) if an outage is required for implementation, six months following the completion of the first refueling outage at least 18 months beyond the FERC effective date.

The Version 2 and 3 implementation plans were processed using the Reliability Standard Development Procedure that resulted in one public comment period and balloting. The standard successfully completed the ballot process with 87.24 percent weighted segment approval, and quorum 89.1 percent. From those that dissented, two themes were evident. First, commenters were concerned that the impact of the standards could not be fully appreciated until the "bright-line" scope of systems determination was finalized. Second, some commenters were interested in NERC waiving expectations to implement Versions 2 and 3 in lieu of proactively implementing Version 4 of the CIP standards currently under development. To the first point, NERC has aggressively worked with the nuclear community to finalize the scope of systems determination and has already provided significant guidance to that end. The effort is on target for completion in November 2010. As for the latter comment, it is premature to link implementation expectations to CIP standards that are still in development.

# g. Section 1600 Data Request – CIP-002-4

## **Action Required**

Approve the Section 1600 Data Request to conduct a survey of responsible entities currently held to compliance with CIP-002 through CIP-009 in applying proposed specific criteria to identify critical assets.

#### **Background**

In accordance with Section 1600 of the NERC Rules of Procedure, NERC may request data or information that is deemed necessary to meet its obligations under Section 215 of the Federal Power Act, as authorized by Section 39.2(d) of the Federal Energy Regulatory Commission's ("FERC") regulations. This is such a request. Section 1606 of the NERC Rules of Procedure allows for a shortened time period for posting a request for data or information if the data or information must be obtained in order to evaluate a threat to the reliability or security of the bulk power system or in order to comply with a directive in an order issued by FERC or another governmental authority.

NERC's Cyber Security Order 706 (CSO706) standard drafting team is tasked with improving the current versions of CIP-002 through CIP-009 reliability standards by addressing numerous issues identified in Order 706. The team is continuing to develop revised standards to accomplish this objective that are expected to be completed in 2011, as described in item 6.d of the Member Representatives Committee Agenda. In the interim and in the interest of adding more structure to the critical asset identification process, the team is proposing to revise the existing CIP-002-3 standard by adding specific criteria to be used for identifying critical assets. The team is uncertain of the impact the application of the proposed criteria will have regarding the identification of critical assets. Therefore, the team proposes to issue this data request to gather empirical data that will be used to guide the determination of the final criteria to be used in CIP-002. The team is expecting to obtain a reasonable estimate of the impact of applying the proposed CIP-002-4 criteria and not an exhaustive detailed analysis in response.

The team target for completion of a revised CIP-002-4 is by year-end 2010, thus creating the need to complete the data request process expeditiously. Accordingly, NERC issued this request for data or information in accordance with the timing requirements of Section 1606 of the NERC Rules of Procedure. NERC provided this data request to FERC for information on July 2, 2010. On July 6, 2010, the NERC Board of Trustees authorized the use of the shortened comment period from July 7–26, 2010 for industry consideration of the proposed data request. NERC plans to review the comments thereafter and present a final data request for BOT action at its August 5, 2010 meeting. In accordance with Section 1600 of the NERC Rules of Procedure, this data request is mandatory.

#### h. Results-based Standards Transition Plan

# **Action Required**

- Accept the report of the Ad Hoc Team on *Results-based Reliability Standards Transition Plan*.
- Support the transfer of responsibility for implementing the recommendations in the *Results-based Reliability Standards Transition Plan* from the Ad Hoc Team for Results-based Reliability Standards to the NERC Standards Committee.

# **Background**

In August, 2009, representatives from industry, NERC, and regional entity staffs formed an ad hoc team to develop recommendations to ensure that NERC's reliability standards can have the greatest possible positive effect on the reliability of the bulk power system. The team's initial recommendations included a guiding set of principles for improving the development and format of reliability standards. The NERC Board of Trustees endorsed those recommendations during its November 4, 2009 meeting. The Board also requested the team continue work to further develop a proposal for integrating the results-based principles into the set of NERC Reliability Standards.

The ad hoc team established that each standard drafting team should strive to achieve a portfolio of performance, risk, and competency-based mandatory reliability requirements that support an effective defense-in-depth strategy. Each requirement should identify a clear and measurable expected outcome, such as: a) a stated level of reliability performance, b) a reduction in a specified reliability risk, or c) a necessary competency.

- **Performance-based** defines a particular reliability objective or outcome to be achieved. In its simplest form, a performance-based requirement specifies: *who, under what conditions (if any), shall perform what action* in order to achieve a particular result or outcome.
- **Risk-based** preventive requirements to reduce the risks of failure to acceptable levels. A risk-based requirement specifies: *who, under what conditions (if any), shall perform what action* in order to achieve a particular result or outcome that reduces a stated risk to the reliability of the bulk power system.
- **Competency-based** defines a minimum set of capabilities an entity needs to have to demonstrate it is able to perform its designated reliability functions.

The ad hoc team further established that an effective defense-in-depth strategy for reliability standards should recognize that each requirement in the NERC set of standards has a role in preventing system failures, and that these roles are complementary and reinforcing. Reliability standards should not be viewed as a body of unrelated requirements, but rather should be viewed as part of a coordinated portfolio of requirements designed to achieve an overall defense-in-depth strategy.

The ad hoc team prepared the <u>Results-based Reliability Standards Transition Plan</u> for transitioning the current set of NERC Reliability Standards to incorporate the results-based principles and for training the industry and drafting team members to implement the results-based methodology in support of the plan. To that end, NERC is seeking Board of Trustees acceptance for the transition plan along with approval to transfer responsibility for implementing the plan to the NERC Standards Committee.

## i. PRC-002-NPCC —Disturbance Monitoring

# **Action Required**

None

#### **Background**

The NPCC Board approved a regional Disturbance Monitoring Equipment standard, PRC-002-NPCC-1 – Disturbance Monitoring, and requested NERC board approval earlier this year. Review by NERC staff, as required in the NERC Rules of Procedure, identified a few matters requiring attention, although there are no substantive issues with the technical content of the proposed regional standard. NERC staff intends to bring this proposed regional standard back to the Board of Trustees for future action. A brief discussion of the regional standard review process and potential improvements to it will be presented at the board meeting.

#### j. Discussion of Executive Forum on Reliability

## **Action Required**

None

#### **Background**

During the July 6, 2010 Reliability Standards Development Technical Conference led by the Federal Energy Regulatory Commission (FERC), there was wide agreement by most panelists regarding the importance of improving communications and working relations among senior leaders at the Commission and its Canadian counterparts, NERC, and industry. The discussion converged on the concept of a forum to engage senior leadership (e.g., commissioners, chief executive officers, and equivalents) in open communication on reliability policy issues and strategic priorities.

The forum would not be a decision-making or policymaking body, but would allow the airing of perspectives and foster a better understanding of roles and priorities. For instance, such a forum could be used to better understand the scope and meaning of reliability (e.g., cascading versus load loss), tradeoffs between reliability and cost to customers, strategic objectives with regard to critical infrastructure security, reliability impacts of new technologies, and priorities for addressing risks to reliability. The forum could also clarify roles and expectations with regard to setting of reliability standards

Such a forum could have an added benefit of reengaging CEO level participation in NERC activities. At one time, NERC's board was made up principally of industry CEOs. These leaders would assess emerging reliability issues and reach agreement on priorities. As NERC moved to its independent board of trustees, one of the consequences has been a disengagement of CEOs from the NERC process. At the same time, industry executives want and need assurance that the ERO is working and achieving reliability objectives. One factor critical to the success of the Institute of Nuclear Power Operations (INPO) was the active involvement of CEOs in expressing mutual objectives and applying peer pressure. NERC also has an existing precedent for CEO engagement in the Electricity Sector Steering Group (ESSG), which has advised the NERC board on critical infrastructure protection issues for the past two years.

#### One Possible Framework for Purpose of Inviting Discussion and Input

The following is one suggestion introduced for the purpose of spurring discussion. Alternative approaches should be raised during discussion.

- Forum includes:
  - FERC commissioners (five)
  - Representative counterparts from Canada (up to five as available)
  - NERC trustees (chairman, CEO, and up to one additional trustee)
  - Industry executives
    - o Investor-owned (three CEOs)
    - o Public power (two CEOs, preferred one large and one small)
    - o Cooperative (two CEOs, preferred one G&T and one distribution cooperative)
    - o Canada (two CEOs, one east and one west)

- o Marketer (one CEO)
- o Independent producer (one CEO)
- o End-use customer (one CEO or chief public advocate)
- Meet approximately half a day in conjunction with NERC Board of Trustees and Member Representatives Committee
  - One or two meetings per year as needed (possibly in Washington, D.C. and Canada)
  - Meeting conducted in an open forum with allowance for comments by observers at select points
  - Structured agendas focused on a small number of key issues for each session, allowing for indepth dialog
  - Preparatory work by staffs
- Discussions are advisory and nonbinding no policymaking or formal actions

## **Discussion Questions**

- 1. Would an executive forum provide an effective means to improving communications and working relations among regulators, the ERO, and industry on reliability matters?
- 2. Are there alternative approaches?
- 3. Who should participate in the executive forum? Is the proposal sufficiently balanced?
- 4. Does the proposal for open meetings and observer comments provide sufficient transparency and openness?
- 5. Does tying sessions to the NERC board and MRC meeting adequately address concerns for efficiency and accessibility by stakeholders?
- 6. Would the success of NERC in achieving its reliability objectives as the ERO be enhanced by allowing the industry executive involved in such a forum to act as an advisory group to the NERC board?

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Doto	Bogional								% of RE		Canada	Mexico	% of ERO		Canada	Mexico	% of ERO -
Data Year	Regional Entity	ID	Entity	Country	Total NEL (MWh)	U.S. NEL	Canada NEL	Mexico NEL	% of RE	US Total	Total	Total	% of ERO	US Total	Total	Total	US Only
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2009	FRCC	1074	Alachua, City of	U.S.	122,000	122,000			0.054%	0.054%	0.000%	0.000%	0.003%	0.003%	0.000%	0.000%	0.003%
2009	FRCC	1075	Bartow, City of	U.S.	301,500	301,500			0.133%	0.133%	0.000%	0.000%	0.007%	0.007%	0.000%	0.000%	0.008%
2009	FRCC	1076	Chattahoochee, City of	U.S.	43,600	43,600			0.019%	0.019%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2009	FRCC	1077	Florida Keys Electric Cooperative Assn	U.S.	684,000	684,000			0.302%	0.302%	0.000%	0.000%	0.016%	0.016%	0.000%	0.000%	0.018%
2009	FRCC	1078	Florida Power & Light Co.	U.S.	110,149,000	110,149,000			48.566%	48.566%	0.000%	0.000%	2.514%	2.514%	0.000%	0.000%	2.858%
2009	FRCC	1079	Florida Public Utilities Company	U.S.	405,300	405,300			0.179%	0.179%	0.000%	0.000%	0.009%	0.009%	0.000%	0.000%	0.011%
2009	FRCC	1080	Gainesville Regional Utilities	U.S.	1,880,000	1,880,000			0.829%	0.829%	0.000%		0.043%	0.043%	0.000%	0.000%	0.049%
2009	FRCC	1081	Homestead, City of	U.S.	485,000	485,000			0.214%	0.214%	0.000%		0.011%	0.011%	0.000%	0.000%	0.013%
2009	FRCC		JEA	U.S.	12,749,700	12,749,700			5.621%	5.621%	0.000%		0.291%	0.291%	0.000%	0.000%	0.331%
2009	FRCC		Lakeland Electric	U.S.	2,992,000	2,992,000			1.319%	1.319%	0.000%		0.068%	0.068%	0.000%		0.078%
2009	FRCC	1084	Mount Dora, City of	U.S.	94,900	94,900			0.042%	0.042%	0.000%		0.002%	0.002%	0.000%		0.002%
2009	FRCC	1085	New Smyrna Beach, Utilities Commission	U.S.	389,000	389,000			0.172%	0.172%	0.000%		0.009%	0.009%	0.000%		0.010%
2009	FRCC	1086	Orlando Utilities Commission	U.S.	5,653,000	5,653,000			2.492%	2.492%	0.000%		0.129%	0.129%	0.000%		0.147%
2009	FRCC	1087	Progress Energy Florida	U.S.	41,671,000	41,671,000			18.373%	18.373%	0.000%		0.951%	0.951%	0.000%		1.081%
2009	FRCC	1088	Quincy, City of	U.S.	144,700	144,700			0.064%	0.064%		0.000%	0.003%	0.003%	0.000%		0.004%
2009	FRCC	1089	Reedy Creek Improvement District	U.S.	1,229,000	1,229,000			0.542%	0.542%	0.000%		0.028%	0.028%	0.000%		0.032%
2009	FRCC	1090	St. Cloud, City of (OUC)	U.S.	600,000	600,000			0.265%	0.265%	0.000%		0.014%	0.014%	0.000%		0.016%
2009	FRCC	1091	Tallahassee, City of	U.S.	2,805,000	2,805,000			1.237%	1.237%	0.000%		0.064%	0.064%	0.000%		0.073%
2009	FRCC	1092		U.S.	19,751,000	19,751,000			8.708%	8.708%	0.000%		0.451%	0.451%	0.000%		0.513%
2009	FRCC	1603	Vero Beach, City of	U.S.	753,000	753,000			0.332%	0.332%	0.000%		0.017%	0.017%	0.000%	0.000%	0.020%
2009	FRCC	1093	Wauchula, City of	U.S.	67,451	67,451			0.030%	0.030%	0.000%		0.002%	0.002%	0.000%	0.000%	0.002%
2009	FRCC		Williston, City of	U.S.	35,200	35,200			0.016%	0.016%		0.000%	0.001%	0.001%	0.000%		0.001%
2009	FRCC		Winter Park, City of	U.S.	455,600	455,600			0.201%	0.201%	0.000%		0.010%	0.010%	0.000%	0.000%	0.012%
2009	FRCC		Florida Municipal Power Agency	U.S.	6,151,036	6,151,036			2.712%	2.712%		0.000%	0.140%	0.140%	0.000%	0.000%	0.160%
2009	FRCC	1073	Seminole Electric Cooperative	U.S.	17,190,667	17,190,667			7.580%	7.580%	0.000%	0.000%	0.392%	0.392%	0.000%	0.000%	0.446%
			TOTAL FRCC		226,802,655	226,802,655	-	-	100.000%	100.000%	0.000%	0.000%	5.176%	5.176%	0.000%	0.000%	5.885%
2009	MRO	1199	Basin Electric Power Cooperative	U.S.	10,258,784	10,258,784	_		3.875%	3.875%	0.000%	0.000%	0.234%	0.234%	0.000%	0.000%	0.266%
2009	MRO	1201	Central Iowa Power Cooperative (CIPCO	U.S.	2,663,059	2,663,059	_		1.006%	1.006%	0.000%		0.061%	0.061%	0.000%	0.000%	0.069%
2009	MRO	1204	Corn Belt Power Cooperative	U.S.	1,825,227	1,825,227	_		0.689%	0.689%	0.000%		0.042%	0.042%	0.000%		0.047%
2009	MRO	1207	Dairyland Power Cooperative	U.S.	5,200,600	5,200,600	_		1.964%	1.964%	0.000%		0.119%	0.119%	0.000%	0.000%	0.135%
2009	MRO	1210	Great River Energy	U.S.	13,245,294	13,245,294	-		5.003%	5.003%	0.000%		0.302%	0.302%	0.000%		0.344%
2009	MRO	1222	Minnkota Power Cooperative, Inc.	U.S.	3,818,990	3,818,990	_		1.442%	1.442%	0.000%		0.087%	0.087%	0.000%	0.000%	0.099%
2009	MRO	1230	Nebraska Public Power District	U.S.	12,666,632	12,666,632	_		4.784%	4.784%	0.000%		0.289%	0.289%	0.000%	0.000%	0.329%
2009	MRO	1232	Omaha Public Power District	U.S.	10,305,544	10,305,544	-		3.893%	3.893%	0.000%		0.235%	0.235%	0.000%	0.000%	0.267%
2009	MRO	1237	Southern Montana Generation and Trans	U.S.	4,461	4,461	-		0.002%	0.002%	0.000%		0.000%	0.000%	0.000%	0.000%	0.000%
2009	MRO	1240	Western Area Power Administration (UM	U.S.	8,322,860	8,322,860	-		3.144%	3.144%	0.000%		0.190%	0.190%	0.000%		0.216%
2009	MRO	1239	Western Area Power Administration (LM)	U.S.	126,885	126,885	-		0.048%	0.048%	0.000%		0.003%	0.003%	0.000%	0.000%	0.003%
2009	MRO	1217	Manitoba Hydro	CAN	24.647.899	,	24,647,899		9.310%	0.000%	9.310%		0.562%	0.000%	0.562%	0.000%	0.000%
2009	MRO	1235	SaskPower	CAN	19,748,000		19,748,000		7.459%	0.000%	7.459%		0.451%	0.000%	0.451%	0.000%	0.000%
2009	MRO	1195	Alliant Energy (Alliant East - WPL & Allia	U.S.	27,772,033	27,772,033	-		10.490%	10.490%	0.000%		0.634%	0.634%	0.000%	0.000%	0.721%
2009	MRO	1216	Madison, Gas and Electric	U.S.	3,332,068	3,332,068	-		1.259%	1.259%	0.000%	0.000%	0.076%	0.076%	0.000%	0.000%	0.086%
2009	MRO		MidAmerican Energy Company	U.S.	21,530,193	21,530,193	-		8.132%	8.132%		0.000%	0.491%	0.491%	0.000%		0.559%
2009	MRO		Minnesota Power	U.S.	10,059,894	10,059,894	-		3.800%	3.800%		0.000%	0.230%	0.230%	0.000%		0.261%
2009	MRO		Montana-Dakota Utilities Co.	U.S.	2,593,368	2,593,368	-		0.980%	0.980%		0.000%	0.059%	0.059%	0.000%		0.067%
2009	MRO		NorthWestern Energy	U.S.	1,420,282	1,420,282	-		0.536%	0.536%		0.000%	0.032%	0.032%	0.000%		0.037%
2009	MRO		Otter Tail Power Company	U.S.	4,272,885	4,272,885	-		1.614%	1.614%		0.000%	0.098%	0.098%	0.000%		0.111%
2009	MRO		Integrys Energy Group (WPS and UPPC)	U.S.	13,511,063	13,511,063	-		5.103%	5.103%		0.000%	0.308%	0.308%	0.000%		0.351%
2009	MRO		Xcel Energy Company (NSP)	U.S.	44,905,543	44,905,543	-		16.961%	16.961%		0.000%	1.025%	1.025%	0.000%		1.165%
2009	MRO		Ames Municipal Electric System	U.S.	727,018	727,018	-		0.275%	0.275%		0.000%	0.017%	0.017%	0.000%		0.019%
2009	MRO	1604	Atlantic Municipal Utilities	U.S.	79,557	79,557			0.030%	0.030%	0.000%	0.000%	0.002%	0.002%	0.000%		0.002%

Data	Regional								% of RE		Canada	Mexico	% of ERO		Canada	Mexico	% of ERO -
Year	Entity	ID	Entity	Country	Total NEL (MWh)	U.S. NEL	Canada NEL	Mexico NEL	total	US Total	Total	Total	Total	US Total	Total	Total	US Only
2009	MRO	1476	Badger Power Marketing Authority of Wis	U.S.	346,850	346,850			0.131%	0.131%	0.000%	0.000%	0.008%	0.008%	0.0009/	0.000%	0.009%
2009	MRO	1200	Cedar Falls Municipal Utilities	U.S.	506,306	506,306	-		0.131%	0.131%	0.000%		0.006%	0.008%	0.000%	0.000%	0.009%
2009	MRO	1477	Central Minnesota Municipal Power Ager		427,162	427,162	-		0.161%	0.161%	0.000%		0.010%	0.010%		0.000%	0.011%
2009	MRO	1605	City of Pella	U.S.	174,751	174,751			0.066%	0.066%	0.000%	0.000%	0.004%	0.004%	0.000%	0.000%	0.005%
2009	MRO	1203	Escanaba Municipal Electric Utility	U.S.	141,278	141,278	-		0.053%	0.053%	0.000%	0.000%	0.003%	0.003%	0.000%	0.000%	0.004%
2009	MRO	1205	Falls City Water & Light Department	U.S.	38,264	38,264	-		0.014%	0.014%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2009	MRO	1206	Fremont Department of Utilities	U.S.	417,653	417,653	-		0.158%	0.158%	0.000%		0.010%	0.010%	0.000%	0.000%	0.011%
2009	MRO	1208	Geneseo Municipal Utilities	U.S.	63,823	63,823	-		0.024%	0.024%	0.000%		0.001%	0.001%	0.000%	0.000%	0.002%
2009	MRO	1209	Grand Island Utilities Department	U.S.	681,421	681,421	-		0.257%	0.257%	0.000%		0.016%	0.016%	0.000%	0.000%	0.018%
2009 2009	MRO MRO	1606 1211	Harlan Municipal Utilities	U.S. U.S.	18,543	18,543			0.007% 0.149%	0.007% 0.149%	0.000% 0.000%		0.000% 0.009%	0.000% 0.009%	0.000% 0.000%	0.000% 0.000%	0.000% 0.010%
2009	MRO	1211	Hastings Utilities Heartland Consumers Power District	U.S.	395,028 661,111	395,028 661,111	-		0.149%	0.149%	0.000%		0.009%	0.009%	0.000%	0.000%	0.010%
2009	MRO	1213	Hutchinson Utilities Commission	U.S.	289,175	289,175	-		0.230 %	0.230%	0.000%		0.013%	0.013%	0.000%	0.000%	0.017%
2009	MRO	1215	Lincoln Electric System	U.S.	3,144,646	3,144,646	-		1.188%	1.188%	0.000%		0.072%	0.072%	0.000%	0.000%	0.082%
2009	MRO	1218	Manitowoc Public Utilities	U.S.	515,000	515,000	-		0.195%	0.195%	0.000%		0.012%	0.012%	0.000%	0.000%	0.013%
2009	MRO	1223	Missouri River Energy Services	U.S.	2,163,696	2,163,696	-		0.817%	0.817%	0.000%	0.000%	0.049%	0.049%	0.000%	0.000%	0.056%
2009	MRO	1224	MN Municipal Power Agency (MMPA)	U.S.	1,384,852	1,384,852	-		0.523%	0.523%	0.000%	0.000%	0.032%	0.032%	0.000%	0.000%	0.036%
2009	MRO	1607	Montezuma Municipal Light & Power	U.S.	26,256	26,256			0.010%	0.010%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2009	MRO	1227	Municipal Energy Agency of Nebraska	U.S.	971,728	971,728	-		0.367%	0.367%	0.000%	0.000%	0.022%	0.022%	0.000%	0.000%	0.025%
2009	MRO	1228	Muscatine Power and Water	U.S.	847,099	847,099	-		0.320%	0.320%	0.000%	0.000%	0.019%	0.019%	0.000%	0.000%	0.022%
2009	MRO	1229	Nebraska City Utilities	U.S.	162,093	162,093	-		0.061%	0.061%	0.000%	0.000%	0.004%	0.004%	0.000%	0.000%	0.004%
2009	MRO	1234	Rochester Public Utilities	U.S.	1,181	1,181	-		0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2009	MRO	1236	Southern Minnesota Municipal Power Age	U.S.	2,865,679	2,865,679	-		1.082%	1.082%	0.000%	0.000%	0.065%	0.065%	0.000%	0.000%	0.074%
2009 2009	MRO MRO	1241	Willmar Municipal Utilities Wisconsin Public Power, Inc. (East and V	U.S. U.S.	285,947 5,184,182	285,947 5,184,182	-		0.108% 1.958%	0.108% 1.958%	0.000% 0.000%	0.000% 0.000%	0.007% 0.118%	0.007% 0.118%	0.000% 0.000%	0.000% 0.000%	0.007% 0.135%
2009	WINCO	1242	TOTAL MRO	0.5.	264,751,863	220,355,964	44,395,899		100.00%	83.231%	16.769%	0.000%	6.042%	5.029%	1.013%	0.000%	5.718%
			10171 <u>2</u> 111110		20 1,1 0 1,000	220,000,001	1 1,000,000		100.0070	00.20170	1011 00 70	0.00070	0.0.270	0.02070	1101070	0.00070	011 1070
2009	NPCC	1336	New England	U.S.	131,330,000	131,330,000			20.141%	20.141%	0.000%	0.000%	2.997%	2.997%	0.000%	0.000%	3.408%
2009	NPCC	1339	New York	U.S.	164,568,000	164,568,000			25.239%	25.239%	0.000%		3.756%	3.756%	0.000%	0.000%	4.270%
2009	NPCC	1337	Ontario	Canada	143,334,000		143,334,000		21.982%	0.000%	21.982%		3.271%	0.000%		0.000%	
2009	NPCC	1341	Quebec	Canada	186,617,000		186,617,000		28.620%	0.000%			4.259%	0.000%		0.000%	
2009	NPCC	1338	New Brunswick	Canada	14,153,000		14,153,000		2.171%	0.000%	2.171%		0.323%	0.000%		0.000%	
2009	NPCC	1340	Nova Scotia TOTAL NPCC	Canada	12,047,000 652,049,000	295,898,000	12,047,000 356,151,000	-	1.848% 100.000%	0.000%	1.848% 54.620%		0.275% 14.880%	0.000% 6.753%		0.000%	7.678%
			TOTAL NPCC		652,049,000	295,696,000	356,151,000	-	100.000%	45.380%	54.020%	0.000%	14.000%	0.755%	0.120%	0.000%	1.010%
2009	RFC	1096	Alger Delta Cooperative Electric Associat	U.S.	58,452	58,452			0.007%	0.007%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.002%
2009	RFC	1097	American Municipal Power	U.S.	3,266,383	3,266,383			0.367%	0.367%	0.000%	0.000%	0.075%	0.075%	0.000%	0.000%	0.085%
2009	RFC	1104	Bay City	U.S.	327,837	327,837			0.037%	0.037%	0.000%	0.000%	0.007%	0.007%	0.000%	0.000%	0.009%
2009	RFC	1098	Village of Bethel	U.S.	28,950	28,950			0.003%	0.003%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2009	RFC	1101	Buckeye Power Inc. (DUKE-CIN)	U.S.	264,722	264,722			0.030%	0.030%	0.000%	0.000%	0.006%	0.006%	0.000%	0.000%	0.007%
2009	RFC	1100	Buckeye Power Inc. (ATSI)	U.S.	1,008,992	1,008,992			0.113%	0.113%	0.000%	0.000%	0.023%	0.023%	0.000%	0.000%	0.026%
2009	RFC	1102	Cannelton Utilities	U.S.	16,561	16,561			0.002%	0.002%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2009	RFC		City of Chelsea	U.S.	91,543	91,543			0.010%	0.010%		0.000%	0.002%	0.002%		0.000%	0.002%
2009	RFC		City of Croswell	U.S.	36,295	36,295			0.004%	0.004%		0.000%	0.001%	0.001%		0.000%	0.001%
2009	RFC	1107	City of Crystal Falls	U.S.	13,492	13,492			0.002%	0.002%		0.000%	0.000%	0.000%		0.000% 0.000%	0.000%
2009 2009	RFC RFC	1108 1110	City of Eaton Rapids City of Hamilton	U.S. U.S.	78,038 441,596	78,038 441,596			0.009% 0.050%	0.009% 0.050%		0.000% 0.000%	0.002% 0.010%	0.002% 0.010%		0.000%	0.002% 0.011%
2009	RFC	1111	City of Hart	U.S.	35,960	35,960			0.050%	0.004%		0.000%	0.010%	0.010%		0.000%	0.011%
2009	RFC	1490	City of Hart  City of Lansing	U.S.	2,095,740	2,095,740			0.004%	0.004%	0.000%		0.001%	0.001%		0.000%	0.054%
2009	RFC		City of Marquette Board of Light & Powe		337,947	337,947			0.038%	0.038%		0.000%	0.008%	0.008%		0.000%	0.009%
2009	RFC	1165	City of Painesville	U.S.	157,647	157,647			0.018%	0.018%	0.000%		0.004%	0.004%		0.000%	0.004%
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Data	Regional								% of RE		Canada	Mexico	% of ERO		Canada	Mexico	% of ERO -
Year	Entity	ID	Entity	Country	Total NEL (MWh)	U.S. NEL	Canada NEL	Mexico NEL	total	US Total	Total	Total	Total	US Total	Total	Total	US Only
2000	DEC	4444	City of Darkland		25.240	25.240			0.0040/	0.0040/	0.0000/	0.0000/	0.0040/	0.0040/	0.0000/	0.0000/	0.0040/
2009 2009	RFC RFC	1114	City of Portland City of St. Louis	U.S. U.S.	35,348 38,926	35,348 38,926			0.004% 0.004%	0.004% 0.004%	0.000% 0.000%		0.001% 0.001%	0.001% 0.001%	0.000% 0.000%	0.000%	0.001% 0.001%
2009	RFC	1117	City of Williamstown KY	U.S.	53,724	53,724			0.004%	0.004%	0.000%		0.001%	0.001%		0.000%	0.001%
2009	RFC	1118	City of Wyandotte	U.S.	65,318	65,318			0.007%	0.007%		0.000%	0.001%	0.001%		0.000%	0.001%
2009	RFC	1119	Cleveland Public Power	U.S.	1,627,018	1,627,018			0.183%	0.183%	0.000%		0.037%	0.037%		0.000%	0.042%
2009	RFC	1120	Cloverland Electric Cooperative	U.S.	235,276	235,276			0.026%	0.026%	0.000%		0.005%	0.005%		0.000%	0.006%
2009	RFC	1132	Cloverland (f.k.a Edison Sault Electric (	U.S.	663,187	663,187			0.075%	0.075%		0.000%	0.015%	0.015%		0.000%	0.017%
2009	RFC	1122	CMS ERM Michigan LLC	U.S.	128,464	128,464			0.014%	0.014%	0.000%		0.003%	0.003%		0.000%	0.003%
2009	RFC	1124	Constellation New Energy (MECS-CONS	U.S.	482,603	482,603			0.054%	0.054%	0.000%		0.011%	0.011%		0.000%	0.013%
2009	RFC	1123	Constellation New Energy (MECS-DET)	U.S.	690,597	690,597			0.078%	0.078%	0.000%	0.000%	0.016%	0.016%	0.000%	0.000%	0.018%
2009	RFC	1534	Constellation New Energy Inc. (ATSI)	U.S.	200,687	200,687			0.023%	0.023%	0.000%	0.000%	0.005%	0.005%	0.000%	0.000%	0.005%
2009	RFC	1125	Constellation New Energy Inc. (DUKE-C	U.S.	119,254	119,254			0.013%	0.013%	0.000%	0.000%	0.003%	0.003%	0.000%	0.000%	0.003%
2009	RFC	1126	Consumers Energy Company	U.S.	33,114,934	33,114,934			3.724%	3.724%	0.000%	0.000%	0.756%	0.756%	0.000%	0.000%	0.859%
2009	RFC	1128	Detroit Edison Company	U.S.	45,446,273	45,446,273			5.111%	5.111%	0.000%	0.000%	1.037%	1.037%	0.000%	0.000%	1.179%
2009	RFC	1129	Dominion Retail (ATSI)	U.S.	99,718	99,718			0.011%	0.011%	0.000%	0.000%	0.002%	0.002%	0.000%	0.000%	0.003%
2009	RFC	1130	Dominion Retail Inc. (DUKE-CIN)	U.S.	368,282	368,282			0.041%	0.041%	0.000%	0.000%	0.008%	0.008%	0.000%	0.000%	0.010%
2009	RFC	1131	DTE Energy Trading	U.S.	-	-			0.000%	0.000%		0.000%	0.000%	0.000%		0.000%	0.000%
2009	RFC	1166	Duke Energy Indiana	U.S.	28,478,595	28,478,595			3.203%	3.203%		0.000%	0.650%	0.650%		0.000%	0.739%
2009	RFC	1179	Duke Energy Kentucky	U.S.	4,179,557	4,179,557			0.470%	0.470%		0.000%	0.095%	0.095%		0.000%	0.108%
2009	RFC	1178	Duke Energy Ohio	U.S.	17,906,277	17,906,277			2.014%	2.014%		0.000%	0.409%	0.409%		0.000%	0.465%
2009	RFC	1608	Duke Energy Retail Sales (ATSI)	U.S.	1,839,714	1,839,714			0.207%	0.207%		0.000%	0.042%	0.042%		0.000%	0.048%
2009	RFC	1609	Duke Energy Retail Sales (DUKE-CIN)	U.S.	848,751	848,751			0.095%	0.095%		0.000%	0.019%	0.019%		0.000%	0.022%
2009	RFC	1563	Energy International Power Marketing	U.S.	-	-			0.000%	0.000%	0.000%		0.000%	0.000%		0.000%	0.000%
2009	RFC	1135	Ferdinand Municipal Light & Water	U.S.	40,256	40,256			0.005%	0.005%	0.000%		0.001%	0.001%		0.000%	0.001%
2009	RFC	1138	FirstEnergy	U.S.	43,191,337	43,191,337			4.857%	4.857%	0.000%		0.986%	0.986%		0.000%	1.121%
2009	RFC RFC	1137	FirstEnergy Solutions (ATSI)	U.S.	22,427,704	22,427,704			2.522%	2.522%	0.000%		0.512%	0.512% 0.000%		0.000%	0.582% 0.001%
2009 2009	RFC	1549 1550	FirstEnergy Solutions (MECS-DET) FirstEnergy Solutions (DUKE-CIN)	U.S. U.S.	21,893 342,118	21,893 342,118			0.002% 0.038%	0.002% 0.038%	0.000% 0.000%		0.000% 0.008%	0.000%		0.000%	0.001%
2009	RFC	1610	Gexa Energy	U.S.	1,516,838	1,516,838			0.036 %	0.036 %	0.000%		0.006%	0.006%		0.000%	0.009%
2009	RFC	1141	Georgetown	U.S.	55,100	55,100			0.171%	0.006%	0.000%		0.001%	0.035%		0.000%	0.001%
2009	RFC	1611	Glacial Energy (ATSI)	U.S.	995	995			0.000%	0.000%	0.000%		0.000%	0.000%		0.000%	0.000%
2009	RFC	1612	Glacial Energy (MECS-DET)	U.S.	26,879	26,879			0.003%	0.003%	0.000%		0.001%	0.001%		0.000%	0.001%
2009	RFC	1143	Hamersville	U.S.	5,551	5,551			0.000%	0.001%	0.000%		0.000%	0.000%		0.000%	0.000%
2009	RFC	1144	Holland Board of Public Works	U.S.	728,971	728,971			0.082%	0.082%	0.000%		0.017%	0.017%		0.000%	0.019%
2009	RFC	1145	Hoosier Energy	U.S.	6,728,076	6,728,076			0.757%	0.757%		0.000%	0.154%	0.154%		0.000%	0.175%
2009	RFC	1148	Indiana Municipal Power Agency (DUKE	U.S.	2,866,995	2,866,995			0.322%	0.322%	0.000%	0.000%	0.065%	0.065%	0.000%	0.000%	0.074%
2009	RFC	1485	Indiana Municipal Power Agency (NIPSC	U.S.	378,081	378,081			0.043%	0.043%	0.000%	0.000%	0.009%	0.009%	0.000%	0.000%	0.010%
2009	RFC	1486	Indiana Municipal Power Agency (SIGE)	U.S.	558,622	558,622			0.063%	0.063%	0.000%	0.000%	0.013%	0.013%	0.000%	0.000%	0.014%
2009	RFC	1149	Indianapolis Power & Light Co.	U.S.	14,945,667	14,945,667			1.681%	1.681%	0.000%	0.000%	0.341%	0.341%	0.000%	0.000%	0.388%
2009	RFC	1613	Integrys Energy Services (ATSI)	U.S.	37	37			0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2009	RFC	1552	Integrys Energy Services (DUKE-CIN)	U.S.	18,764	18,764			0.002%	0.002%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2009	RFC	1553	Integrys Energy Services (MECS-CONS)	U.S.	243,027	243,027			0.027%	0.027%	0.000%	0.000%	0.006%	0.006%	0.000%	0.000%	0.006%
2009	RFC		Integrys Energy Services (MECS-DET)	U.S.	243,915	243,915			0.027%	0.027%		0.000%	0.006%	0.006%	0.000%		0.006%
2009	RFC	1614	Just Energy (MECS-DET)	U.S.	26,163	26,163			0.003%	0.003%		0.000%	0.001%	0.001%	0.000%		0.001%
2009	RFC	1151	Lebanon	U.S.	275,975	275,975			0.031%	0.031%		0.000%	0.006%	0.006%	0.000%		0.007%
2009	RFC		Michigan Public Power Agency	U.S.	1,163,653	1,163,653			0.131%	0.131%		0.000%	0.027%	0.027%	0.000%		0.030%
2009	RFC	1155	Michigan South Central Power Agency	U.S.	544,399	544,399			0.061%	0.061%		0.000%	0.012%	0.012%	0.000%		0.014%
2009	RFC		MidAmerican Energy Company Retail	U.S.	28,857	28,857			0.003%	0.003%		0.000%	0.001%	0.001%	0.000%		0.001%
2009	RFC	1163	Northern Indiana Public Service Co.	U.S.	15,734,157	15,734,157			1.769%	1.769%		0.000%	0.359%	0.359%	0.000%		0.408%
2009	RFC	1164	Ontonagon County Rural Electrification A		27,535	27,535			0.003%	0.003%	0.000%		0.001%	0.001%	0.000%		0.001%
2009	RFC	1555	Penn Power	U.S.	2,190,410	2,190,410			0.246%	0.246%	0.000%	0.000%	0.050%	0.050%	0.000%	0.000%	0.057%

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Data	Regional Entity	ID	Entity	Country	Total NEL (MWh)	U.S. NEL	Canada NEL	Mexico NEL	% of RE total	US Total	Canada Total	Mexico Total	% of ERO Total	US Total	Canada Total	Mexico Total	% of ERO - US Only
Year	Entity	טו	Entity	Country	Total NEL (WWN)	U.S. NEL	Canada NEL	WEXICO NEL	totai	US TOTAL	iotai	Iotai	Total	US TOTAL	Total	Total	US Only
2009	RFC	1265	PJM Interconnnection, LLC	U.S.	587,065,005	587,065,005			66.021%	66.021%	0.000%	0.000%	13.397%	13.397%	0.000%	0.000%	15.234%
2009	RFC	1167	Public Lighting Department of Detroit	U.S.	-	-			0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2009	RFC RFC	1170	Ripley	U.S.	18,821	18,821			0.002%	0.002%	0.000%		0.000%	0.000% 0.009%	0.000%	0.000%	0.000% 0.011%
2009 2009	RFC	1580 1615	Sempra Energy Solutions (ATSI) Sempra Energy Solutions (DUKE-CIN)	U.S. U.S.	406,701 596	406,701 596			0.046% 0.000%	0.046% 0.000%	0.000% 0.000%	0.000%	0.009% 0.000%	0.009%	0.000% 0.000%	0.000%	0.011%
2009	RFC	1172	Sempra Energy Solutions (MECS-CONS)	U.S.	553,674	553,674			0.062%	0.062%	0.000%		0.013%	0.013%	0.000%	0.000%	0.000%
2009	RFC	1171	Sempra Energy Solutions (MECS-DET)	U.S.	269,482	269,482			0.030%	0.030%	0.000%	0.000%	0.006%	0.006%	0.000%	0.000%	0.007%
2009	RFC	1173	Direct Energy (fkA:Strategic Energy) (AT	U.S.	290,200	290,200			0.033%	0.033%	0.000%	0.000%	0.007%	0.007%	0.000%	0.000%	0.008%
2009	RFC	1175	Direct Energy (fka:Strategic Energy LLC)	U.S.	257,529	257,529			0.029%	0.029%	0.000%	0.000%	0.006%	0.006%	0.000%	0.000%	0.007%
2009	RFC	1176	${\sf Direct\ Energy\ (fka:Strategic\ Energy,LLC)}$	U.S.	11,451	11,451			0.001%	0.001%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2009	RFC	1174	Direct Energy (fka:Strategic Energy,LLC)	U.S.	258,051	258,051			0.029%	0.029%	0.000%	0.000%	0.006%	0.006%	0.000%	0.000%	0.007%
2009	RFC	1616	Smart Paper Holdings	U.S.	6,415	6,415			0.001%	0.001%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2009	RFC RFC	1581	Spartan Renewable Energy	U.S.	63,911	63,911			0.007%	0.007%	0.000%	0.000%	0.001%	0.001%	0.000% 0.000%	0.000%	0.002%
2009 2009	RFC	1180 1181	Thumb Electric Cooperative Vectren Energy Delivery of IN	U.S. U.S.	161,500 5,316,181	161,500 5,316,181			0.018% 0.598%	0.018% 0.598%	0.000% 0.000%	0.000%	0.004% 0.121%	0.004% 0.121%	0.000%	0.000%	0.004% 0.138%
2009	RFC	1099	Village of Blanchester	U.S.	77,466	77,466			0.009%	0.009%	0.000%		0.002%	0.002%	0.000%	0.000%	0.002%
2009	RFC	1183	Village of Sebewaing	U.S.	43,887	43,887			0.005%	0.005%	0.000%		0.001%	0.001%	0.000%	0.000%	0.001%
2009	RFC	1184	Wabash Valley Power Association Inc. (I	U.S.	2,553,759	2,553,759			0.287%	0.287%	0.000%	0.000%	0.058%	0.058%	0.000%	0.000%	0.066%
2009	RFC	1487	Wabash Valley Power Association Inc. (I	U.S.	167,432	167,432			0.019%	0.019%	0.000%	0.000%	0.004%	0.004%	0.000%	0.000%	0.004%
2009	RFC	1488	Wabash Valley Power Association Inc.(N	U.S.	1,559,059	1,559,059			0.175%	0.175%	0.000%	0.000%	0.036%	0.036%	0.000%	0.000%	0.040%
2009	RFC	1185	Wisconsin Electric Power Co.	U.S.	27,349,954	27,349,954			3.076%	3.076%	0.000%		0.624%	0.624%	0.000%	0.000%	0.710%
2009	RFC	1189	Wolverine Power Marketing Cooperative	U.S.	990,947	990,947			0.111%	0.111%	0.000%		0.023%	0.023%	0.000%	0.000%	0.026%
2009	RFC	1191	Wolverine Power Supply Cooperative	U.S.	2,439,221	2,439,221			0.274%	0.274%	0.000%		0.056%	0.056%	0.000%	0.000%	0.063%
2009 2009	RFC RFC	1190 1194	Wolverine Power Marketing Cooperative Zelienople	U.S. U.S.	100,472 31,679	100,472 31,679			0.011% 0.004%	0.011% 0.004%	0.000% 0.000%		0.002% 0.001%	0.002% 0.001%	0.000% 0.000%	0.000%	0.003% 0.001%
2009	KIO	1134	TOTAL RELIABILITYFIRST	0.5.	889,208,026	889,208,026		_	100.000%	100.000%	0.000%	0.000%	20.292%	20.292%	0.000%	0.000%	23.074%
					000,200,020	000,200,020			100.00070	100100070	0.00070	0.00070	20.20270	20.20270	0.00070	0.00070	20.07.170
2009	SERC	1267	Alabama Municipal Electric Authority	U.S.	3,559,000	3,559,000	-		0.359%	0.359%	0.000%	0.000%	0.081%	0.081%	0.000%	0.000%	0.092%
2009	SERC	1268	Alabama Power Company	U.S.	54,240,646	54,240,646	-		5.478%	5.478%	0.000%		1.238%	1.238%	0.000%	0.000%	1.407%
2009	SERC	1269	Ameren - Illinois	U.S.	40,541,000	40,541,000	-		4.095%	4.095%	0.000%	0.000%	0.925%	0.925%	0.000%	0.000%	1.052%
2009	SERC	1271	Ameren - Missouri	U.S.	39,457,000	39,457,000	-		3.985%	3.985%	0.000%		0.900%	0.900%	0.000%	0.000%	1.024%
2009 2009	SERC SERC	1272 1273	APGI - Yadkin Division	U.S. U.S.	32,323 18,989,990	32,323 18,989,990	-		0.003%	0.003%	0.000% 0.000%	0.000% 0.000%	0.001% 0.433%	0.001% 0.433%	0.000%	0.000%	0.001% 0.493%
2009	SERC	1582	Associated Electric Cooperative Inc. Beauregard Electric Cooperative, Inc.	U.S.	1,037,924	1,037,924			1.918% 0.105%	1.918% 0.105%	0.000%	0.000%	0.433%	0.433%	0.000% 0.000%	0.000%	0.493%
2009	SERC	1462	Benton Utility District	U.S.	264,000	264,000	-		0.027%	0.027%	0.000%		0.006%	0.006%	0.000%	0.000%	0.007%
2009	SERC	1274	Big Rivers Electric Corporation	U.S.	9,942,616	9,942,616	-		1.004%	1.004%	0.000%	0.000%	0.227%	0.227%	0.000%	0.000%	0.258%
2009	SERC	1275	Black Warrior EMC	U.S.	416,591	416,591	-		0.042%	0.042%	0.000%	0.000%	0.010%	0.010%	0.000%	0.000%	0.011%
2009	SERC	1276	Blue Ridge EMC	U.S.	1,148,758	1,148,758	-		0.116%	0.116%	0.000%	0.000%	0.026%	0.026%	0.000%	0.000%	0.030%
2009	SERC	1463	Canton, MS	U.S.	122,623	122,623	-		0.012%	0.012%	0.000%	0.000%	0.003%	0.003%	0.000%	0.000%	0.003%
2009	SERC	1277	Central Electric Power Cooperative Inc.	U.S.	15,452,673	15,452,673	-		1.561%	1.561%	0.000%	0.000%	0.353%	0.353%	0.000%	0.000%	0.401%
2009	SERC	1278	City of Blountstown FL	U.S.	39,922	39,922			0.004%	0.004%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2009	SERC	1279	City of Camden SC	U.S.	204,558	204,558	-		0.021%	0.021%	0.000%	0.000%	0.005%	0.005%	0.000%	0.000%	0.005%
2009 2009	SERC SERC		City of Collins MS City of Columbia MO	U.S. U.S.	44,918 1,373,285	44,918 1,373,285	-		0.005% 0.139%	0.005% 0.139%	0.000% 0.000%		0.001% 0.031%	0.001% 0.031%	0.000% 0.000%		0.001% 0.036%
2009	SERC		City of Conway AR (Conway Corporation	U.S.	960,000	960,000	-		0.139%	0.139%	0.000%		0.031%	0.031%	0.000%		0.036%
2009	SERC		City of Evergreen AL	U.S.	61,935	61,935	-		0.006%	0.006%	0.000%		0.022 %	0.022%	0.000%		0.025%
2009	SERC		City of Hampton GA	U.S.	24,623	24,623	_		0.002%	0.002%	0.000%		0.001%	0.001%	0.000%		0.001%
2009	SERC		City of Hartford AL	U.S.	31,250	31,250	-		0.003%	0.003%	0.000%		0.001%	0.001%	0.000%		0.001%
2009	SERC		City of Henderson (KY) Municipal Power	U.S.	658,517	658,517	-		0.067%	0.067%	0.000%		0.015%	0.015%	0.000%		0.017%
2009	SERC		City of North Little Rock AR (DENL)	U.S.	964,267	964,267	-		0.097%	0.097%	0.000%	0.000%	0.022%	0.022%	0.000%	0.000%	0.025%
2009	SERC	1289	City of Orangeburg SC Department of Pu	U.S.	925,786	925,786	-		0.094%	0.094%	0.000%	0.000%	0.021%	0.021%	0.000%	0.000%	0.024%

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Data	Regional								% of RE		Canada	Mexico	% of ERO		Canada	Mexico	% of ERO -
Year	Entity	ID	Entity	Country	Total NEL (MWh)	U.S. NEL	Canada NEL	Mexico NEL	total	US Total	Total	Total	Total	US Total	Total	Total	US Only
2000	CEDO	4000	Oits of Debended Al		04.444	04.444			0.0000/	0.0000/	0.0000/	0.0000/	0.0000/	0.0000/	0.0000/	0.0000/	0.0000/
2009 2009	SERC SERC	1290	City of Robertsdale AL City of Ruston LA (DERS)	U.S. U.S.	84,444 270,000	84,444 270,000	-		0.009% 0.027%	0.009% 0.027%	0.000%	0.000% 0.000%	0.002% 0.006%	0.002% 0.006%	0.000% 0.000%	0.000%	0.002% 0.007%
2009	SERC		City of Ruston EA (DERS)  City of Seneca SC	U.S.	152,933	152,933	-		0.027 %	0.027 %	0.000%		0.003%	0.003%	0.000%	0.000%	0.007 %
2009	SERC		City of Springfield (CWLP)	U.S.	1,814,887	1,814,887	_		0.183%	0.183%	0.000%		0.041%	0.041%	0.000%	0.000%	0.047%
2009	SERC	1465	City of Thayer, MO	U.S.	15,747	15,747	-		0.002%	0.002%	0.000%		0.000%	0.000%	0.000%	0.000%	0.000%
2009	SERC	1293	City of Troy AL	U.S.	369,623	369,623	-		0.037%	0.037%	0.000%		0.008%	0.008%	0.000%	0.000%	0.010%
2009	SERC	1294	City of West Memphis AR (West Memphi	U.S.	397,000	397,000	-		0.040%	0.040%	0.000%	0.000%	0.009%	0.009%	0.000%	0.000%	0.010%
2009	SERC	1583	Claiborne Electric Cooperative, Inc.	U.S.	607,420	607,420			0.061%	0.061%	0.000%	0.000%	0.014%	0.014%	0.000%	0.000%	0.016%
2009	SERC	1584	Concordia Electric Cooperative, Inc.	U.S.	247,597	247,597			0.025%	0.025%	0.000%	0.000%	0.006%	0.006%	0.000%	0.000%	0.006%
2009	SERC	1283	Dalton Utilities	U.S.	1,474,100	1,474,100	-		0.149%	0.149%	0.000%	0.000%	0.034%	0.034%	0.000%	0.000%	0.038%
2009	SERC	1585	Dixie Electric Membership Corporation	U.S.	2,218,178	2,218,178			0.224%	0.224%	0.000%	0.000%	0.051%	0.051%	0.000%	0.000%	0.058%
2009	SERC	1295	Dominion Virginia Power	U.S.	83,295,482	83,295,482	-		8.413%	8.413%	0.000%	0.000%	1.901%	1.901%	0.000%	0.000%	2.161%
2009	SERC	1296	Duke Energy Carolinas, LLC	U.S.	80,858,917	80,858,917	-		8.167%	8.167%	0.000%	0.000%	1.845%	1.845%	0.000%	0.000%	2.098%
2009	SERC	1466	•	U.S.	30,847	30,847	-		0.003%	0.003%	0.000%		0.001%	0.001%	0.000%	0.000%	0.001%
2009	SERC	1478	E.ON U.S. Services Inc.	U.S.	33,599,715	33,599,715	-		3.394%	3.394%	0.000%		0.767%	0.767%	0.000%	0.000%	0.872%
2009	SERC	1297	East Kentucky Power Cooperative	U.S.	12,370,308	12,370,308	-		1.249%	1.249%	0.000%		0.282%	0.282%	0.000%	0.000%	0.321%
2009	SERC	1298	East Mississippi Electric Power Associati	U.S.	440,457	440,457	-		0.044%	0.044%	0.000%	0.000%	0.010%	0.010%	0.000%	0.000%	0.011%
2009	SERC	1299	Electric Energy Inc.	U.S.	1,325,303	1,325,303	-		0.134%	0.134%	0.000%		0.030%	0.030%	0.000%	0.000%	0.034%
2009	SERC SERC	1300 1301	EnergyUnited EMC	U.S. U.S.	2,399,806	2,399,806	-		0.242%	0.242%	0.000%	0.000% 0.000%	0.055% 2.491%	0.055%	0.000% 0.000%	0.000% 0.000%	0.062% 2.832%
2009 2009	SERC	1301	Entergy Fayetteville (NC) Public Works Commiss	U.S.	109,154,423 2,235,172	109,154,423 2,235,172			11.025% 0.226%	11.025% 0.226%	0.000% 0.000%	0.000%	0.051%	2.491% 0.051%	0.000%	0.000%	0.058%
2009	SERC	1302	Florida Public Utilities (FL Panhandle Loa		349,248	349,248	-		0.226%	0.226%	0.000%		0.031%	0.031%	0.000%	0.000%	0.009%
2009	SERC	1304	French Broad EMC	U.S.	516,495	516,495	_		0.052%	0.052%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.003%
2009	SERC	1305	Georgia Power Company	U.S.	85,362,934	85,362,934	_		8.622%	8.622%	0.000%	0.000%	1.948%	1.948%	0.000%	0.000%	2.215%
2009	SERC	1306	Georgia System Optns Corporation	U.S.	37,896,252	37,896,252	-		3.828%	3.828%	0.000%	0.000%	0.865%	0.865%	0.000%	0.000%	0.983%
2009	SERC	1479	Greenwood (MS) Utilities Commission	U.S.	282,158	282,158	-		0.028%	0.028%	0.000%		0.006%	0.006%	0.000%	0.000%	0.007%
2009	SERC	1307	Greenwood (SC) Commissioners of Publi		331,443	331,443	-		0.033%	0.033%	0.000%		0.008%	0.008%	0.000%	0.000%	0.009%
2009	SERC	1308	Gulf Power Company	U.S.	11,666,310	11,666,310	-		1.178%	1.178%	0.000%	0.000%	0.266%	0.266%	0.000%	0.000%	0.303%
2009	SERC	1586	Haywood EMC	U.S.	304,431	304,431			0.031%	0.031%	0.000%	0.000%	0.007%	0.007%	0.000%	0.000%	0.008%
2009	SERC	1309	Illinois Municipal Electric Agency	U.S.	1,809,000	1,809,000	-		0.183%	0.183%	0.000%	0.000%	0.041%	0.041%	0.000%	0.000%	0.047%
2009	SERC	1480	Itta Bena, MS	U.S.	15,923	15,923	-		0.002%	0.002%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2009	SERC	1587	Jefferson Davis Electric Cooperative, Inc.	U.S.	225,240	225,240	-		0.023%	0.023%	0.000%	0.000%	0.005%	0.005%	0.000%	0.000%	0.006%
2009	SERC	1617	Kentucky Municipal Power	U.S.	722,754	722,754	-		0.073%	0.073%	0.000%	0.000%	0.016%	0.016%	0.000%	0.000%	0.019%
2009	SERC	1481	Kosciusko, MS	U.S.	73,023	73,023	-		0.007%	0.007%	0.000%	0.000%	0.002%	0.002%	0.000%	0.000%	0.002%
2009	SERC	1482	Leland, MS	U.S.	32,161	32,161	-		0.003%	0.003%	0.000%		0.001%	0.001%	0.000%	0.000%	0.001%
2009	SERC	1313	McCormick Commission of Public Works	U.S.	22,872	22,872	-		0.002%	0.002%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2009	SERC	1314	Mississippi Power Company	U.S.	9,972,238	9,972,238	-		1.007%	1.007%	0.000%		0.228%	0.228%	0.000%	0.000%	0.259%
2009	SERC	1315	, , ,	U.S.	10,570,000	10,570,000	-		1.068%	1.068%	0.000%		0.241%	0.241%	0.000%	0.000%	0.274%
2009	SERC		N.C. Electric Membership Corp.	U.S.	12,344,600	12,344,600	-		1.247%	1.247%	0.000%		0.282%	0.282%	0.000%	0.000%	0.320%
2009	SERC	1317	North Carolina Eastern Municipal Power	U.S.	7,394,674	7,394,674	-		0.747%	0.747%	0.000%	0.000%	0.169%	0.169%	0.000%	0.000%	0.192%
2009 2009	SERC SERC	1318 1588	North Carolina Municipal Power Agency	U.S. U.S.	4,609,442 277,796	4,609,442	-		0.466% 0.028%	0.466% 0.028%	0.000%	0.000% 0.000%	0.105% 0.006%	0.105% 0.006%	0.000%	0.000%	0.120% 0.007%
2009	SERC		Northeast Louisiana Power Cooperative, Northern Virginia Electric Cooperative	U.S.	3,496,304	277,796 3,496,304			0.026%	0.026%	0.000%	0.000%	0.006%		0.000% 0.000%		0.007%
2009	SERC	1319	Old Dominion Electric Cooperative	U.S.	5,582,434	5,582,434	_		0.564%	0.564%	0.000%		0.000%	0.080% 0.127%	0.000%		0.091%
2009	SERC	1618	•		268,928	268,928			0.027%	0.027%		0.000%	0.006%	0.006%	0.000%		0.007%
2009	SERC	1320	Owensboro (KY) Municipal Utilities	U.S.	879,243	879,243	-		0.027 %	0.027 %		0.000%	0.020%	0.020%	0.000%		0.023%
2009	SERC	1321	Piedmont EMC in Duke and Progress Are		506,350	506,350	-		0.051%	0.051%	0.000%		0.012%	0.012%	0.000%		0.013%
2009	SERC	1323	Piedmont Municipal Power Agency (PMP		2,286,624	2,286,624	-		0.231%	0.231%	0.000%		0.052%	0.052%	0.000%		0.059%
2009	SERC	1589	Pointe Coupee Electric Memb. Corp.	U.S.	265,031	265,031			0.027%	0.027%	0.000%		0.006%	0.006%	0.000%		0.007%
2009	SERC	1266	PowerSouth Energy	U.S.	8,278,739	8,278,739	-		0.836%	0.836%	0.000%		0.189%	0.189%	0.000%		0.215%
2009	SERC	1330	Prairie Power, Inc.	U.S.	1,540,294	1,540,294	-		0.156%	0.156%	0.000%	0.000%	0.035%	0.035%	0.000%		0.040%

Data	Regional								% of RE		Canada	Mexico	% of ERO		Canada	Mexico	% of ERO -
Year	Entity	ID	Entity	Country	Total NEL (MWh)	U.S. NEL	Canada NEL	Mexico NEL	total	US Total	Total	Total	Total	US Total	Total	Total	US Only
0000	0500	4004	December 5	0	45.050.000	45.050.000			4.0440/	4.0440/	0.0000/	0.0000/	4.0400/	4.0400/	0.0000/	0.0000/	4.4050/
2009 2009	SERC SERC	1324 1325	Progress Energy Carolinas	U.S. U.S.	45,650,000	45,650,000	-		4.611% 0.128%	4.611% 0.128%		0.000% 0.000%	1.042% 0.029%	1.042% 0.029%		0.000%	1.185% 0.033%
2009	SERC		Rutherford EMC South Carolina Electric & Gas Company	U.S. U.S.	1,265,243 22,243,734	1,265,243 22,243,734	-		0.128% 2.247%	0.128% 2.247%		0.000%	0.029%	0.029%		0.000%	0.033%
2009	SERC	1327	South Carolina Public Service Authority	U.S.	7,156,752	7,156,752	_		0.723%	0.723%		0.000%	0.163%	0.163%		0.000%	0.186%
2009	SERC		South Louisiana Electric Cooperative Ass		604,198	604,198			0.723%	0.061%		0.000%	0.103%	0.103%		0.000%	0.100%
2009	SERC		South Mississippi Electric Power Associa		9,915,186	9,915,186	_		1.001%	1.001%		0.000%	0.226%	0.226%		0.000%	0.257%
2009	SERC	1329	Southern Illinois Power Cooperative	U.S.	1,481,489	1,481,489	_		0.150%	0.150%		0.000%	0.034%	0.034%		0.000%	0.038%
2009	SERC	1591	Southwest Louisiana Electric Membership	U.S.	2,426,653	2,426,653			0.245%	0.245%		0.000%	0.055%	0.055%		0.000%	0.063%
2009	SERC		Southwestern Electric Cooperative, Inc.	U.S.	412,888	412,888			0.042%	0.042%		0.000%	0.009%	0.009%		0.000%	0.011%
2009	SERC		Tennessee Valley Authority	U.S.	165,493,867	165,493,867	_		16.715%	16.715%		0.000%	3.777%	3.777%		0.000%	4.294%
2009	SERC		Tombigbee Electric Cooperative Inc.	U.S.	130,935	130,935	-		0.013%	0.013%		0.000%	0.003%	0.003%		0.000%	0.003%
2009	SERC		Town of Black Creek, N.C.	U.S.	12,548	12,548			0.001%	0.001%		0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2009	SERC	1593	Town of Lucama, N.C.	U.S.	20,993	20,993			0.002%	0.002%		0.000%	0.000%	0.000%		0.000%	0.001%
2009	SERC	1594	Town of Sharpsburg, N.C.	U.S.	21,563	21,563			0.002%	0.002%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.001%
2009	SERC		Town of Stantonsburg, N.C.	U.S.	23,114	23,114			0.002%	0.002%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2009	SERC	1333	Town of Waynesville NC	U.S.	97,321	97,321	-		0.010%	0.010%	0.000%	0.000%	0.002%	0.002%	0.000%	0.000%	0.003%
2009	SERC	1334	Town of Winnsboro SC	U.S.	76,097	76,097	-		0.008%	0.008%	0.000%	0.000%	0.002%	0.002%	0.000%	0.000%	0.002%
2009	SERC	1335	Town of Winterville NC	U.S.	51,472	51,472	-		0.005%	0.005%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2009	SERC	1596	Valley Electric Membership Corporation,	U.S.	167,493	167,493			0.017%	0.017%	0.000%	0.000%	0.004%	0.004%	0.000%	0.000%	0.004%
2009	SERC	1597	Washington-St.Tammany Electric Coope	U.S.	1,102,470	1,102,470			0.111%	0.111%	0.000%	0.000%	0.025%	0.025%	0.000%	0.000%	0.029%
			TOTAL SERC		990,093,522	990,093,522	-	-	100.000%	100.000%	0.000%	0.000%	22.594%	22.594%	0.000%	0.000%	25.692%
2009	SPP	1246	American Electric Power	U.S.	34,588,826	34,588,826			17.037%	17.037%		0.000%	0.789%	0.789%		0.000%	0.898%
2009	SPP	1435	Arkansas Electric Cooperative Corporati	U.S.	3,746,596	3,746,596			1.845%	1.845%		0.000%	0.085%	0.085%		0.000%	0.097%
2009	SPP	1247	Board of Public Utilities (Kansas City Ks	U.S.	2,375,188	2,375,188			1.170%	1.170%		0.000%	0.054%	0.054%		0.000%	0.062%
2009	SPP	1620	Board of Public Utilities, City of McPhers		848,000	848,000			0.418%	0.418%		0.000%	0.019%	0.019%		0.000%	0.022%
2009	SPP	1468	Cap Rock Energy	U.S.	808,554	808,554			0.398%	0.398%		0.000%	0.018%	0.018%		0.000%	0.021%
2009	SPP	1469	Central Valley Electric Cooperative	U.S.	763,611	763,611			0.376%	0.376%		0.000%	0.017%	0.017%		0.000%	0.020%
2009	SPP SPP	1556	City of Bentonville	U.S.	562,584	562,584			0.277%	0.277%		0.000%	0.013%	0.013%		0.000%	0.015%
2009 2009	SPP	1557 1558	City of Clarksdale, Mississippi	U.S. U.S.	170,659	170,659 285,387			0.084% 0.141%	0.084% 0.141%		0.000% 0.000%	0.004% 0.007%	0.004% 0.007%		0.000%	0.004% 0.007%
2009	SPP	1559	Hope Water & Light (HWL)	U.S.	285,387	265,367 167,510						0.000%	0.007%	0.007%		0.000%	0.007%
2009	SPP	1248	City of Minden Independence Power & Light (Independence)	U.S.	167,510 1,079,746	1,079,746			0.083% 0.532%	0.083% 0.532%		0.000%	0.004%	0.004%		0.000%	0.004%
2009	SPP	1436	City Utilities of Springfield, MO	U.S.	3,089,503	3,089,503			1.522%	1.522%		0.000%	0.025%	0.025%		0.000%	0.026%
2009	SPP	1249	Cleco Power LLC	U.S.	11,023,655	11,023,655			5.430%	5.430%		0.000%	0.071%	0.071%		0.000%	0.080%
2009	SPP	1437	East Texas Electric Coop, Inc.	U.S.	404,646	404,646			0.199%	0.199%		0.000%	0.009%	0.232 %		0.000%	0.200%
2009	SPP	1250	The Empire District Electric Company	U.S.	5,263,206	5,263,206			2.592%	2.592%		0.000%	0.120%	0.120%		0.000%	0.137%
2009	SPP	1470	Farmers' Electric Coop	U.S.	408,444	408,444			0.201%	0.201%		0.000%	0.009%	0.009%		0.000%	0.011%
2009	SPP	1438	Golden Spread Electric Coop	U.S.	4,469,314	4,469,314			2.201%	2.201%		0.000%	0.102%	0.102%		0.000%	0.116%
2009	SPP	1251	Grand River Dam Authority	U.S.	4,283,825	4,283,825			2.110%	2.110%		0.000%	0.098%	0.098%		0.000%	0.111%
2009	SPP	1252	Kansas City Power & Light (KCPL)	U.S.	15,626,676	15,626,676			7.697%	7.697%			0.357%	0.357%		0.000%	0.405%
2009	SPP	1439	Kansas Electric Power Coop., Inc	U.S.	2,033,860	2,033,860			1.002%	1.002%		0.000%	0.046%	0.046%		0.000%	0.053%
2009	SPP	1440	Kansas Municipal Energy Agency (KCPL		723,973	723,973			0.357%	0.357%		0.000%	0.017%	0.017%	0.000%		0.019%
2009	SPP	1598	KCP&L GMOC (Greater Missouri Opera		8,438,719	8,438,719			4.157%	4.157%		0.000%	0.193%	0.193%	0.000%		0.219%
2009	SPP	1471	Lafayette Utilities System	U.S.	2,080,238	2,080,238			1.025%	1.025%		0.000%	0.047%	0.047%	0.000%		0.054%
2009	SPP	1472	Lea County Electric Coop	U.S.	1,235,427	1,235,427			0.609%	0.609%		0.000%	0.028%	0.028%	0.000%		0.032%
2009	SPP	1253	Louisiana Energy & Power Authority (LE		-	-			0.000%	0.000%		0.000%	0.000%	0.000%	0.000%		0.000%
2009	SPP	1441	Midwest Energy Inc.	U.S.	1,604,387	1,604,387			0.790%	0.790%		0.000%	0.037%	0.037%	0.000%		0.042%
2009	SPP	1443	Missouri Joint Municipal Electric Utility C		2,206,061	2,206,061			1.087%	1.087%		0.000%	0.050%	0.050%	0.000%		0.057%
2009	SPP	1442	Northeast Texas Electric Cooperative, In		3,004,068	3,004,068			1.480%	1.480%		0.000%	0.069%	0.069%	0.000%		0.078%
2009	SPP	1255	Oklahoma Gas and Electric Co.	U.S.	27,683,541	27,683,541			13.636%	13.636%	0.000%	0.000%	0.632%	0.632%	0.000%		0.718%

Data	Regional								% of RE		Canada	Mexico	% of ERO		Canada	Mexico	% of ERO -
Year	Entity	ID	Entity	Country	Total NEL (MWh)	U.S. NEL	Canada NEL	Mexico NEL	total	US Total	Total	Total	Total	US Total	Total	Total	US Only
2009	SPP	1444	Oklahoma Municipal Power Authority	U.S.	2,504,436	2,504,436			1.234%	1.234%	0.000%		0.057%	0.057%	0.000%		0.065%
2009	SPP	1561	Public Service Commission of Yazoo Cit		119,296	119,296			0.059%	0.059%	0.000%	0.000%	0.003%	0.003%	0.000%	0.000%	0.003%
2009	SPP	1473	Roosevelt County Electric Coop	U.S.	215,763	215,763			0.106%	0.106%	0.000%		0.005%	0.005%	0.000%	0.000%	0.006%
2009	SPP	1258	Southwestern Power Administration (SP.		4,012,124	4,012,124			1.976%	1.976%	0.000%	0.000%	0.092%	0.092%	0.000%	0.000%	0.104%
2009	SPP SPP	1257 1256	Southwestern Public Service Co. (SPS-)		19,565,327	19,565,327			9.637%	9.637%	0.000% 0.000%		0.446% 0.122%	0.446% 0.122%	0.000% 0.000%	0.000% 0.000%	0.508% 0.139%
2009	SPP		Sunflower Electric Cooperative (SECI)	U.S. U.S.	5,339,563	5,339,563			2.630%	2.630%							
2009 2009	SPP	1445 1475	Tex - La Electric Cooperative of Texas Tri County Electric Coop	U.S.	461,705 403,171	461,705 403,171			0.227% 0.199%	0.227% 0.199%	0.000% 0.000%	0.000% 0.000%	0.011% 0.009%	0.011% 0.009%	0.000% 0.000%	0.000%	0.012% 0.010%
2009	SPP	1260	Westar Energy, Inc.	U.S.	22,114,892	22,114,892			10.893%	10.893%	0.000%		0.505%	0.505%	0.000%	0.000%	0.574%
2009	SPP	1259	Western Farmers Electric Cooperative	U.S.	7,397,584	7,397,584			3.644%	3.644%	0.000%		0.169%	0.363%	0.000%		0.374%
2009	SPP	1501	West Texas Municipal Power Agency	U.S.	1,912,643	1,912,643			0.942%	0.942%	0.000%	0.000%	0.103%	0.103%	0.000%	0.000%	0.050%
2003	011	1501	TOTAL SPP	0.0.	203,022,708	203,022,708	_	_	100.000%	100.000%	0.000%		4.633%	4.633%	0.000%		5.268%
			TO THE ST T		200,022,700	200,022,700			100.00070	100.00070	0.00070	0.00070	1.00070	1.00070	0.00070	0.00070	0.20070
2009	TRE	1019	ERCOT	U.S.	308,277,759	308,277,759			100.000%	100.000%	0.000%	0.000%	7.035%	7.035%	0.000%	0.000%	8.000%
					308,277,759	308,277,759	_	-	100.000%	100.000%	0.000%		7.035%	7.035%	0.000%		8.000%
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2009	WECC		Alberta Electric System Operator	Canada	56,466,371		56,466,371		6.660%	0.000%	6.660%	0.000%	1.289%	0.000%	1.289%	0.000%	0.000%
2009	WECC		British Columbia Transmission Corporation	Canada	60,572,345		60,572,345		7.144%	0.000%	7.144%	0.000%	1.382%	0.000%	1.382%	0.000%	0.000%
2009	WECC		Comision Federal de Electricidad	Mexico	10,742,586			10,742,586	1.267%	0.000%	0.000%	1.267%	0.245%	0.000%	0.000%	0.245%	0.000%
2009	WECC		Aguila Irrigation District	U.S.	28,359	28,359			0.003%	0.003%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		Aha Macav Power Service	U.S.	24,816	24,816			0.003%	0.003%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		Ajo Improvement District	U.S.	13,913	13,913			0.002%	0.002%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2009	WECC		Ak-Chin	U.S.	30,867	30,867			0.004%	0.004%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		ALCOA INC.	U.S.	2,486,614	2,486,614			0.293%	0.293%	0.000%	0.000%	0.057%	0.057%	0.000%	0.000%	0.065%
2009	WECC		Arizona Public Service Company	U.S.	30,712,127	30,712,127			3.622%	3.622%	0.000%	0.000%	0.701%	0.701%	0.000%	0.000%	0.797%
2009	WECC		Arkansas River Power Authority (ARPA)	U.S.	247,200	247,200			0.029%	0.029%	0.000%	0.000%	0.006%	0.006%	0.000%	0.000%	0.006%
2009	WECC		Arlington Valley	U.S.	1,182	1,182			0.000%	0.000%	0.000%		0.000%	0.000%	0.000%	0.000%	0.000%
2009	WECC		Avista Adjusted LSE NEL	U.S.	9,533,477	9,533,477			1.124%	1.124%	0.000%		0.218%	0.218%	0.000%	0.000%	0.247%
2009	WECC		AVISTA CORPORATION	U.S.	231,202	231,202			0.027%	0.027%	0.000%	0.000%	0.005%	0.005%	0.000%	0.000%	0.006%
2009	WECC		Barrick Gold Strike	U.S.	1,253,963	1,253,963			0.148%	0.148%	0.000%		0.029%	0.029%	0.000%	0.000%	0.033%
2009	WECC		Basin Electric Power Cooperative	U.S.	3,061,849	3,061,849			0.361%	0.361%	0.000%		0.070%	0.070%	0.000%	0.000%	0.079%
2009	WECC		Basin Electric Power Cooperative (WAU\		57,521	57,521			0.007%	0.007%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		BENTON REA	U.S.	582,175	582,175			0.069%	0.069%	0.000%	0.000%	0.013%	0.013%	0.000%	0.000%	0.015%
2009	WECC		Big Bend Electric Cooperative, Inc. (Avist		186,384	186,384			0.022%	0.022%	0.000%		0.004%	0.004%	0.000%	0.000%	0.005%
2009	WECC		BIG BEND ELECTRIC COOPERATIVE,	U.S.	346,608	346,608			0.041%	0.041%	0.000%		0.008%	0.008%	0.000%	0.000%	0.009%
2009	WECC		BLACHLY-LANE ELECTRIC COOPERA		142,072	142,072			0.017%	0.017%	0.000%		0.003%	0.003%	0.000%	0.000%	0.004%
2009	WECC		Black Hills Power	U.S.	1,862,614	1,862,614			0.220%	0.220%	0.000%		0.043%	0.043%	0.000%	0.000%	0.048%
2009	WECC WECC		Black Hills State University (State of SD)		17,410	17,410			0.002%	0.002%	0.000% 0.000%		0.000%	0.000% 0.102%	0.000% 0.000%	0.000% 0.000%	0.000% 0.116%
2009 2009	WECC		Black Hills Wyoming, Inc. Bonneville Power (NorthWestern Energy)	U.S. U.S.	4,462,618 30,943	4,462,618 30,943			0.526% 0.004%	0.526% 0.004%	0.000%		0.102% 0.001%	0.102%	0.000%	0.000%	0.116%
2009	WECC		Bonneville Power (PUD No. 2)	U.S.	140,391	140,391			0.004%	0.004%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		Bonneville Power Administration (Avista)	U.S.	16,553	16,553			0.002%	0.002%	0.000%		0.000%	0.000%	0.000%		0.004%
2009	WECC		Bonneville Power Administration (Avista)	U.S.	3,811,547	3,811,547			0.450%	0.450%	0.000%		0.000%	0.087%	0.000%		0.000%
2009	WECC		BPA	U.S.	196,080	196,080			0.430%	0.430%	0.000%		0.004%	0.004%	0.000%		0.005%
2009	WECC		BPA - Power Business Line	U.S.	7,436	7,436			0.001%	0.001%	0.000%		0.000%	0.000%	0.000%		0.000%
2009	WECC		Buckeye Water Conservation and Draina		17,896	17,896			0.001%	0.001%	0.000%		0.000%	0.000%	0.000%		0.000%
2009	WECC		California ISO	U.S.	231,862,598	231,862,598			27.348%	27.348%	0.000%		5.291%	5.291%	0.000%		6.017%
2009	WECC		Canby Public Utility Board	U.S.	177,989	177,989			0.021%	0.021%	0.000%		0.004%	0.004%	0.000%		0.005%
2009	WECC		Central Arizona Water Conservation Dist		2,644,146	2,644,146			0.312%	0.312%	0.000%		0.060%	0.060%	0.000%		0.069%
2009	WECC		CENTRAL ELECTRIC COOPERATIVE, I		518,462	518,462			0.061%	0.061%	0.000%		0.012%	0.012%	0.000%		0.013%
2009	WECC		CENTRAL LINCOLN PUD	U.S.	1,344,562	1,344,562			0.159%	0.159%	0.000%		0.031%	0.031%	0.000%		0.035%
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Data	Regional								% of RE		Canada	Mexico	% of ERO		Canada	Mexico	% of ERO -
Year	Entity	ID	Entity	Country	Total NEL (MWh)	U.S. NEL	Canada NEL	Mexico NEL	total	US Total	Total	Total	Total	US Total	Total	Total	US Only
2000	WEGG		Control Montage		64.004	C4 004			0.0000/	0.0000/	0.0000/	0.0000/	0.0040/	0.0040/	0.0000/	0.0000/	0.0000/
2009 2009	WECC		Central Montana CENTRAL MONTANA ELECTRIC POWE	U.S. U.S.	64,081 74,819	64,081 74,819			0.008% 0.009%	0.008% 0.009%		0.000% 0.000%	0.001% 0.002%	0.001% 0.002%	0.000% 0.000%		0.002% 0.002%
2009	WECC		CITY OF ALBION	U.S.	3,566	3,566			0.009%	0.009%		0.000%	0.002%	0.002%	0.000%		0.002%
2009	WECC		City of Aztec	U.S.	38,253	38,253			0.005%	0.005%		0.000%	0.001%	0.001%	0.000%		0.001%
2009	WECC		CITY OF BANDON	U.S.	67,349	67,349			0.008%	0.008%		0.000%	0.002%	0.002%	0.000%	0.000%	0.002%
2009	WECC		CITY OF BONNERS FERRY	U.S.	69,860	69,860			0.008%	0.008%	0.000%	0.000%	0.002%	0.002%	0.000%	0.000%	0.002%
2009	WECC		City of Boulder	U.S.	178,086	178,086			0.021%	0.021%	0.000%	0.000%	0.004%	0.004%	0.000%	0.000%	0.005%
2009	WECC		CITY OF BURLEY	U.S.	121,452	121,452			0.014%	0.014%	0.000%	0.000%	0.003%	0.003%	0.000%	0.000%	0.003%
2009	WECC		City of Burlington	U.S.	30,604	30,604			0.004%	0.004%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		CITY OF CASCADE LOCKS	U.S.	21,561	21,561			0.003%	0.003%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.001%
2009	WECC		CITY OF CENTRALIA	U.S.	277,160	277,160			0.033%	0.033%	0.000%		0.006%	0.006%	0.000%	0.000%	0.007%
2009	WECC		CITY OF CHENEY	U.S.	137,423	137,423			0.016%	0.016%		0.000%	0.003%	0.003%	0.000%		0.004%
2009	WECC		CITY OF CHEWELAH	U.S.	24,715	24,715			0.003%	0.003%	0.000%		0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		CITY OF DECLO	U.S.	2,994	2,994			0.000%	0.000%		0.000%	0.000%	0.000%	0.000%		0.000%
2009	WECC		CITY OF DRAIN CITY OF ELLENSBURG	U.S.	17,512	17,512			0.002%	0.002%	0.000%		0.000%	0.000%	0.000%	0.000%	0.000%
2009 2009	WECC		City of Fallon	U.S. U.S.	222,215 116,720	222,215 116,720			0.026% 0.014%	0.026% 0.014%	0.000% 0.000%		0.005% 0.003%	0.005% 0.003%	0.000% 0.000%	0.000%	0.006% 0.003%
2009	WECC		CITY OF FOREST GROVE	U.S.	247,662	247,662			0.014%	0.014%	0.000%		0.005%	0.005%	0.000%	0.000%	0.003%
2009	WECC		City of Gallup	U.S.	226,966	226,966			0.023%	0.023%	0.000%		0.005%	0.005%	0.000%	0.000%	0.006%
2009	WECC		CITY OF HERMISTON DBA HERMISTO	U.S.	114,269	114,269			0.013%	0.013%	0.000%		0.003%	0.003%	0.000%	0.000%	0.003%
2009	WECC		CITY OF HEYBURN	U.S.	40,337	40,337			0.005%	0.005%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		City of Las Vegas	U.S.	8,659	8,659			0.001%	0.001%	0.000%		0.000%	0.000%	0.000%	0.000%	0.000%
2009	WECC		CITY OF MCCLEARY	U.S.	34,268	34,268			0.004%	0.004%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		CITY OF MCMINNVILLE	U.S.	706,112	706,112			0.083%	0.083%	0.000%	0.000%	0.016%	0.016%	0.000%	0.000%	0.018%
2009	WECC		CITY OF MILTON	U.S.	65,783	65,783			0.008%	0.008%	0.000%	0.000%	0.002%	0.002%	0.000%	0.000%	0.002%
2009	WECC		CITY OF MILTON-FREEWATER	U.S.	119,297	119,297			0.014%	0.014%	0.000%	0.000%	0.003%	0.003%	0.000%	0.000%	0.003%
2009	WECC		CITY OF MINIDOKA	U.S.	1,018	1,018			0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2009	WECC		CITY OF MONMOUTH	U.S.	72,724	72,724			0.009%	0.009%	0.000%		0.002%	0.002%	0.000%	0.000%	0.002%
2009	WECC		City of Needles	U.S.	39,403	39,403			0.005%	0.005%		0.000%	0.001%	0.001%	0.000%		0.001%
2009	WECC		CITY OF PLUMMER	U.S.	34,893	34,893			0.004%	0.004%	0.000%		0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		CITY OF PORT ANGELES	U.S.	693,373	693,373			0.082%	0.082%		0.000%	0.016%	0.016%	0.000%		0.018%
2009	WECC		City of Redding	U.S.	654,682	654,682			0.077%	0.077%	0.000%		0.015%	0.015%	0.000%	0.000%	0.017%
2009 2009	WECC		CITY OF RICHLAND	U.S. U.S.	871,724	871,724			0.103% 0.150%	0.103% 0.150%	0.000%	0.000% 0.000%	0.020% 0.029%	0.020% 0.029%	0.000% 0.000%	0.000%	0.023% 0.033%
2009	WECC		City of Roseville CITY OF RUPERT	U.S.	1,270,389 82,193	1,270,389 82,193			0.150%	0.150%		0.000%	0.029%	0.029%	0.000%		0.003%
2009	WECC		City of Shasta Lake	U.S.	179,792	179,792			0.010%	0.010%	0.000%		0.002%	0.002%	0.000%	0.000%	0.002%
2009	WECC		CITY OF TACOMA DBA TACOMA POW	U.S.	390	390			0.000%	0.000%	0.000%		0.000%	0.000%	0.000%	0.000%	0.000%
2009	WECC		CITY OF TROY	U.S.	17,823	17,823			0.002%	0.002%	0.000%		0.000%	0.000%	0.000%	0.000%	0.000%
2009	WECC		CITY OF WEISER	U.S.	54,987	54,987			0.006%	0.006%		0.000%	0.001%	0.001%		0.000%	0.001%
2009	WECC		City of Williams	U.S.	39,521	39,521			0.005%	0.005%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		CLARK PUBLIC UTILITIES	U.S.	4,584,028	4,584,028			0.541%	0.541%	0.000%	0.000%	0.105%	0.105%	0.000%	0.000%	0.119%
2009	WECC		CLATSKANIE PUD	U.S.	977,280	977,280			0.115%	0.115%	0.000%	0.000%	0.022%	0.022%	0.000%	0.000%	0.025%
2009	WECC		CLEARWATER COOPERATIVE, INC	U.S.	44,378	44,378			0.005%	0.005%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		Clearwater Power Company	U.S.	161,703	161,703			0.019%	0.019%		0.000%	0.004%	0.004%	0.000%		0.004%
2009	WECC		Colorado River Agency-Bureau of Indian	U.S.	3,696	3,696			0.000%	0.000%		0.000%	0.000%	0.000%	0.000%		0.000%
2009	WECC		Colorado River Commission	U.S.	709,651	709,651			0.084%	0.084%		0.000%	0.016%	0.016%	0.000%		0.018%
2009	WECC		Colorado Springs Utilities	U.S.	4,207,466	4,207,466			0.496%	0.496%		0.000%	0.096%	0.096%	0.000%		0.109%
2009	WECC		COLUMBIA BASIN ELECTRIC COOPER		106,840	106,840			0.013%	0.013%		0.000%	0.002%	0.002%	0.000%		0.003%
2009	WECC		COLUMBIA FALLS ALUMINUM COMPA		331,800	331,800			0.039%	0.039%		0.000%	0.008%	0.008%	0.000%		0.009%
2009	WECC		COLUMBIA POWER COOPERATIVE AS COLUMBIA REA		22,971	22,971			0.003%	0.003%		0.000%	0.001%	0.001%	0.000%		0.001%
2009	WECC		COLUMBIA NEA	U.S.	304,096	304,096			0.036%	0.036%	0.000%	0.000%	0.007%	0.007%	0.000%	0.000%	0.008%

Data	Regional								% of RE		Canada	Mexico	% of ERO		Canada	Mexico	% of ERO -
Year	Entity	ID	Entity	Country	Total NEL (MWh)	U.S. NEL	Canada NEL	Mexico NEL	total	US Total	Total	Total	Total	US Total	Total	Total	US Only
2009	WECC		COLUMBIA RIVER PUD (BPA)	U.S.	169,019	169,019			0.020%	0.020%		0.000%	0.004%	0.004%	0.000%		0.004%
2009	WECC		Columbia River PUD (PGE)	U.S.	317,154	317,154			0.037%	0.037%		0.000%	0.007%	0.007%	0.000%	0.000%	0.008%
2009	WECC		CONSOLIDATED IRRIGATION DISTRIC	U.S.	2,045	2,045			0.000%	0.000%		0.000%	0.000%	0.000%	0.000%		0.000%
2009	WECC		Constellation New Energy, Inc.	U.S.	29,435	29,435			0.003%	0.003%		0.000%	0.001%	0.001%	0.000%		0.001%
2009 2009	WECC		CONSUMERS POWER, INC. COOS-CURRY ELECTRIC COOPERATI	U.S. U.S.	423,807 351,531	423,807 351,531			0.050% 0.041%	0.050% 0.041%		0.000% 0.000%	0.010% 0.008%	0.010% 0.008%	0.000% 0.000%	0.000%	0.011% 0.009%
2009	WECC		Deseret Generation & Transmission Co-(		68,130	68,130			0.041%	0.008%		0.000%	0.008%	0.008%	0.000%	0.000%	0.009%
2009	WECC		Douglas - Palasades	U.S.	18,614	18,614			0.002%	0.002%		0.000%	0.002 %	0.002%	0.000%		0.002 %
2009	WECC		DOUGLAS ELECTRIC COOPERATIVE,	U.S.	96,707	96,707			0.011%	0.0027	0.000%		0.002%	0.002%	0.000%	0.000%	0.003%
2009	WECC		EAST END MUTUAL ELECTRIC COMPA	U.S.	22,472	22,472			0.003%	0.003%		0.000%	0.001%	0.001%	0.000%		0.001%
2009	WECC		El Paso Electric Company	U.S.	7,706,441	7,706,441			0.909%	0.909%	0.000%		0.176%	0.176%	0.000%	0.000%	0.200%
2009	WECC		Electrical District #2	U.S.	180,083	180,083			0.021%	0.021%		0.000%	0.004%	0.004%	0.000%		0.005%
2009	WECC		Electrical District No. 6 of Pinal County	U.S.	1,201	1,201			0.000%	0.000%		0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2009	WECC		Electrical District No. 7 of Mariopa Count	U.S.	28,187	28,187			0.003%	0.003%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		Electrical District No. 8 of Mariopa Count	U.S.	261,863	261,863			0.031%	0.031%	0.000%	0.000%	0.006%	0.006%	0.000%	0.000%	0.007%
2009	WECC		Electrical Districts 1 & 3	U.S.	590,418	590,418			0.070%	0.070%	0.000%	0.000%	0.013%	0.013%	0.000%	0.000%	0.015%
2009	WECC		ELMHURST MUTUAL POWER & LIGHT	U.S.	283,742	283,742			0.033%	0.033%	0.000%	0.000%	0.006%	0.006%	0.000%	0.000%	0.007%
2009	WECC		EMERALD PUD	U.S.	512,119	512,119			0.060%	0.060%	0.000%	0.000%	0.012%	0.012%	0.000%	0.000%	0.013%
2009	WECC		ENERGY NORTHWEST	U.S.	55,126	55,126			0.007%	0.007%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		EPCOR Merchant and Capital (US) Inc.	U.S.	71,439	71,439			0.008%	0.008%	0.000%	0.000%	0.002%	0.002%	0.000%	0.000%	0.002%
2009	WECC		EUGENE WATER & ELECTRIC BOARD	U.S.	2,495,519	2,495,519			0.294%	0.294%	0.000%	0.000%	0.057%	0.057%	0.000%	0.000%	0.065%
2009	WECC		FARMERS ELECTRIC COMPANY, LTD.	U.S.	4,497	4,497			0.001%	0.001%	0.000%		0.000%	0.000%	0.000%	0.000%	0.000%
2009	WECC		Farmington Electric Utility System	U.S.	1,142,281	1,142,281			0.135%	0.135%	0.000%		0.026%	0.026%	0.000%	0.000%	0.030%
2009	WECC		FLATHEAD ELECTRIC COOPERATIVE,	U.S.	1,415,965	1,415,965			0.167%	0.167%	0.000%		0.032%	0.032%	0.000%	0.000%	0.037%
2009	WECC		Fredonia, Town of	U.S.	1,377	1,377			0.000%	0.000%	0.000%		0.000%	0.000%	0.000%	0.000%	0.000%
2009	WECC		GLACIER ELECTRIC COOPERATIVE, II	U.S.	182,011	182,011			0.021%	0.021%	0.000%		0.004%	0.004%	0.000%	0.000%	0.005%
2009	WECC		Grand Valley	U.S.	233,232	233,232			0.028%	0.028%		0.000%	0.005%	0.005%	0.000%		0.006%
2009	WECC		Grant LSE Load	U.S. U.S.	3,699,717 77,228	3,699,717 77,228			0.436%	0.436% 0.009%		0.000% 0.000%	0.084% 0.002%	0.084% 0.002%	0.000% 0.000%	0.000%	0.096% 0.002%
2009 2009	WECC		Harney Electric Coop  HARNEY ELECTRIC COOPERATIVE, IN	U.S.	115,101	115,101			0.009% 0.014%	0.009%		0.000%	0.002%	0.002%	0.000%	0.000%	0.002%
2009	WECC		Harquahala Valley Power District	U.S.	74,556	74,556			0.009%	0.014%		0.000%	0.003%	0.003%	0.000%		0.003%
2009	WECC		HERMISTON POWER LLC	U.S.	2,541	2,541			0.000%	0.000%		0.000%	0.002%	0.000%	0.000%	0.000%	0.002%
2009	WECC		Holy Cross	U.S.	989,360	989,360			0.117%	0.117%		0.000%	0.023%	0.023%	0.000%		0.026%
2009	WECC		HOOD RIVER ELECTRIC COOPERATIV	U.S.	41,058	41,058			0.005%	0.005%		0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		IDAHO COUNTY LIGHT AND POWER C		54,661	54,661			0.006%	0.006%		0.000%	0.001%	0.001%	0.000%		0.001%
2009	WECC		Idaho Power	U.S.	36,171	36,171			0.004%	0.004%	0.000%		0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		Imperial Irrigation District	U.S.	3,661,803	3,661,803			0.432%	0.432%	0.000%	0.000%	0.084%	0.084%	0.000%	0.000%	0.095%
2009	WECC		Inland Power & Light Co.	U.S.	463,892	463,892			0.055%	0.055%	0.000%	0.000%	0.011%	0.011%	0.000%	0.000%	0.012%
2009	WECC		INLAND POWER AND LIGHT COMPAN	U.S.	497,105	497,105			0.059%	0.059%	0.000%	0.000%	0.011%	0.011%	0.000%	0.000%	0.013%
2009	WECC		IPCO	U.S.	15,227,018	15,227,018			1.796%	1.796%	0.000%	0.000%	0.347%	0.347%	0.000%	0.000%	0.395%
2009	WECC		IREA-Transmission	U.S.	2,026,136	2,026,136			0.239%	0.239%	0.000%	0.000%	0.046%	0.046%	0.000%	0.000%	0.053%
2009	WECC		Kirtland Air Force Base	U.S.	438,095	438,095			0.052%	0.052%	0.000%	0.000%	0.010%	0.010%	0.000%	0.000%	0.011%
2009	WECC		Kootenai Electric Cooperative, Inc.	U.S.	468,897	468,897			0.055%	0.055%		0.000%	0.011%	0.011%	0.000%		0.012%
2009	WECC		LA Dept. of Water & Power	U.S.	29,215,536	29,215,536			3.446%	3.446%		0.000%	0.667%	0.667%	0.000%		0.758%
2009	WECC		LAKEVIEW LIGHT & POWER	U.S.	288,504	288,504			0.034%	0.034%		0.000%	0.007%	0.007%	0.000%		0.007%
2009	WECC		LANE ELECTRIC COOPERATIVE, INC.	U.S.	235,367	235,367			0.028%	0.028%		0.000%	0.005%	0.005%	0.000%		0.006%
2009	WECC		Las Vegas Valley Water District (SB211)	U.S.	95,444	95,444			0.011%	0.011%		0.000%	0.002%	0.002%	0.000%		0.002%
2009	WECC		Lincoln County Power District	U.S.	83,457	83,457			0.010%	0.010%		0.000%	0.002%	0.002%	0.000%		0.002%
2009	WECC		LINCOLN ELECTRIC COOPERATIVE, II		124,435	124,435			0.015%	0.015%		0.000%	0.003%	0.003%	0.000%		0.003%
2009	WECC		Maricopa County Municipal Water Conse		48,656	48,656 58,604			0.006%	0.006%		0.000%	0.001%	0.001%	0.000%		0.001%
2009	WECC		McMullen Valley Water Conservation & E	0.5.	58,604	58,604			0.007%	0.007%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.002%

Data	Regional								% of RE		Canada	Mexico	% of ERO		Canada	Mexico	% of ERO -
Year	Entity	ID	Entity	Country	Total NEL (MWh)	U.S. NEL	Canada NEL	Mexico NEL	total	US Total	Total	Total	Total	US Total	Total	Total	US Only
2009	WECC		Merced Irrigation District	U.S.	437,139	437,139			0.052%	0.052%	0.000%	0.000%	0.010%	0.010%	0.000%	0.000%	0.011%
2009	WECC		Mesa, City of	U.S.	268,101	268,101			0.032%	0.032%	0.000%		0.006%	0.006%	0.000%	0.000%	0.007%
2009	WECC		MIDSTATE ELECTRIC COOPERATIVE,	U.S.	399,776	399,776			0.047%	0.047%	0.000%	0.000%	0.009%	0.009%	0.000%	0.000%	0.010%
2009	WECC		MISSION VALLEY POWER	U.S.	421,786	421,786			0.050%	0.050%	0.000%	0.000%	0.010%	0.010%	0.000%	0.000%	0.011%
2009	WECC		MISSOULA ELECTRIC COOPERATIVE,	U.S.	228,490	228,490			0.027%	0.027%	0.000%		0.005%	0.005%	0.000%	0.000%	0.006%
2009	WECC		Modern Electric Water Co.	U.S.	241,756	241,756			0.029%	0.029%		0.000%	0.006%	0.006%	0.000%	0.000%	0.006%
2009	WECC		Modesto Irrigation District	U.S.	2,611,756	2,611,756			0.308%	0.308%		0.000%	0.060%	0.060%	0.000%	0.000%	0.068%
2009	WECC		Montana Dakota Utilities (MDU)	U.S.	32,529	32,529			0.004%	0.004%		0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		Mt. Wheeler Power Inc.	U.S.	501,716	501,716			0.059%	0.059%	0.000%		0.011%	0.011%	0.000%	0.000%	0.013%
2009	WECC		Municipal Energy Agency of Nebraska	U.S.	684,897	684,897			0.081%	0.081%		0.000%	0.016%	0.016%	0.000%	0.000%	0.018%
2009 2009	WECC WECC		Municipal Energy Agency of Nebraska (N Navajo Tribal Utility Authority (APS)	U.S. U.S.	349,888 41,047	349,888 41,047			0.041% 0.005%	0.041% 0.005%	0.000% 0.000%		0.008% 0.001%	0.008% 0.001%	0.000% 0.000%	0.000%	0.009% 0.001%
2009	WECC		Navajo Tribal Utility Authority (PSCofNM)	U.S.	215,464	215,464			0.005%	0.005%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		Navopache Electric Cooperative, Inc	U.S.	472,726	472,726			0.025%	0.025%	0.000%		0.003%	0.003%	0.000%	0.000%	0.000%
2009	WECC		Nebraska Public Power Marketing	U.S.	3,536	3,536			0.000%	0.000%	0.000%		0.000%	0.000%	0.000%	0.000%	0.000%
2009	WECC		Needles Public Utilities Authority	U.S.	36,626	36,626			0.004%	0.004%	0.000%		0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		NESPELEM VALLEY ELECTRIC COOP!	U.S.	52,797	52,797			0.006%	0.006%	0.000%		0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		Nevada Power Company	U.S.	22,026,931	22,026,931			2.598%	2.598%	0.000%	0.000%	0.503%	0.503%	0.000%	0.000%	0.572%
2009	WECC		New Harquahala	U.S.	1,330	1,330			0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2009	WECC		Northern Lights Inc.	U.S.	27,539	27,539			0.003%	0.003%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		NORTHERN LIGHTS, INC.	U.S.	308,120	308,120			0.036%	0.036%	0.000%	0.000%	0.007%	0.007%	0.000%	0.000%	0.008%
2009	WECC		NORTHERN WASCO COUNTY PUD	U.S.	600,791	600,791			0.071%	0.071%	0.000%	0.000%	0.014%	0.014%	0.000%	0.000%	0.016%
2009	WECC		NWMT	U.S.	303,670	303,670			0.036%	0.036%	0.000%	0.000%	0.007%	0.007%	0.000%	0.000%	0.008%
2009	WECC		OHOP MUTUAL LIGHT COMPANY	U.S.	89,495	89,495			0.011%	0.011%	0.000%	0.000%	0.002%	0.002%	0.000%	0.000%	0.002%
2009	WECC		ORCAS POWER & LIGHT COOPERATI	U.S.	215,775	215,775			0.025%	0.025%	0.000%		0.005%	0.005%	0.000%	0.000%	0.006%
2009	WECC		OREGON TRAIL ELECTRIC CONSUME	U.S.	674,151	674,151			0.080%	0.080%	0.000%		0.015%	0.015%	0.000%	0.000%	0.017%
2009	WECC		Overton Power District #5	U.S.	386,490	386,490			0.046%	0.046%		0.000%	0.009%	0.009%	0.000%	0.000%	0.010%
2009	WECC		PACIFICORP (BPA)	U.S.	15,459	15,459			0.002%	0.002%	0.000%		0.000%	0.000%	0.000%	0.000%	0.000%
2009 2009	WECC WECC		PACIFICORP (PGE) PACIFICORP(WAPA)	U.S. U.S.	3,208 207,079	3,208 207,079			0.000% 0.024%	0.000% 0.024%	0.000%	0.000% 0.000%	0.000% 0.005%	0.000% 0.005%	0.000% 0.000%	0.000%	0.000% 0.005%
2009	WECC		PacifiCorp (PACE)	U.S.	45,173,012	45,173,012			5.328%	5.328%		0.000%	1.031%	1.031%	0.000%	0.000%	1.172%
2009	WECC		PacifiCorp (PACW)	U.S.	21,517,544	21,517,544			2.538%	2.538%		0.000%	0.491%	0.491%	0.000%	0.000%	0.558%
2009	WECC		Page Electric Utility	U.S.	13,177	13,177			0.002%	0.002%		0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2009	WECC		PARKLAND LIGHT AND WATER COMP	U.S.	124,204	124,204			0.015%	0.015%	0.000%		0.003%	0.003%	0.000%	0.000%	0.003%
2009	WECC		PENINSULA LIGHT COMPANY, INC.	U.S.	626,991	626,991			0.074%	0.074%	0.000%	0.000%	0.014%	0.014%	0.000%	0.000%	0.016%
2009	WECC		Platte River Power Authority	U.S.	3,162,812	3,162,812			0.373%	0.373%	0.000%	0.000%	0.072%	0.072%	0.000%	0.000%	0.082%
2009	WECC		PORT TOWNSEND PAPER CORPORA	U.S.	197,320	197,320			0.023%	0.023%	0.000%	0.000%	0.005%	0.005%	0.000%	0.000%	0.005%
2009	WECC		Portland General Electric Company	U.S.	18,180,117	18,180,117			2.144%	2.144%	0.000%	0.000%	0.415%	0.415%	0.000%	0.000%	0.472%
2009	WECC		Public Service Company of Colorado	U.S.	29,024,840	29,024,840			3.423%	3.423%	0.000%	0.000%	0.662%	0.662%	0.000%	0.000%	0.753%
2009	WECC		Public Service Company of Colorado (Xc	U.S.	32,597	32,597			0.004%	0.004%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		Public Service Company of New Mexico	U.S.	10,211,746	10,211,746			1.204%	1.204%	0.000%	0.000%	0.233%	0.233%	0.000%	0.000%	0.265%
2009	WECC		PUD NO 1 OF DOUGLAS COUNTY	U.S.	8,870	8,870			0.001%	0.000%	0.001%		0.000%	0.000%	0.000%	0.000%	0.000%
2009	WECC		PUD NO. 1 OF ASOTIN COUNTY	U.S.	5,257	5,257			0.001%	0.001%		0.000%	0.000%	0.000%	0.000%		0.000%
2009	WECC		PUD NO. 1 OF BENTON COUNTY	U.S.	1,781,297	1,781,297			0.210%	0.000%		0.210%	0.041%	0.041%	0.000%		0.046%
2009	WECC		PUD No. 1 of Chelan County	U.S.	3,256,834	3,256,834			0.384%	0.384%		0.000%	0.074%	0.074%	0.000%		0.085%
2009	WECC WECC		PUD NO. 1 OF CLALLAM COUNTY PUD NO. 1 OF COWLITZ COUNTY	U.S.	686,467	686,467			0.081%	0.081%		0.000% 0.000%	0.016%	0.016%	0.000%		0.018%
2009 2009	WECC		PUD No. 1 of Douglas County	U.S. U.S.	4,912,007 1,485,323	4,912,007 1,485,323			0.579% 0.175%	0.579% 0.175%		0.000%	0.112% 0.034%	0.112% 0.034%	0.000% 0.000%		0.127% 0.039%
2009	WECC		PUD NO. 1 OF FERRY COUNTY	U.S.	99,302	99,302			0.175%	0.175%		0.000%	0.002%	0.002%	0.000%		0.039%
2009	WECC		PUD NO. 1 OF FRANKLIN COUNTY	U.S.	1,001,336	1,001,336			0.012%	0.000%		0.000%	0.002%	0.002%	0.000%		0.005%
2009	WECC		PUD NO. 1 OF GRAYS HARBOR	U.S.	1,105,132	1,105,132			0.130%	0.130%		0.000%	0.025%	0.025%	0.000%		0.029%
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Data	Regional								% of RE		Canada	Mexico	% of ERO		Canada	Mexico	% of ERO -
Year	Entity	ID	Entity	Country	Total NEL (MWh)	U.S. NEL	Canada NEL	Mexico NEL	total	US Total	Total	Total	Total	US Total	Total	Total	US Only
2009	WECC		PUD NO. 1 OF KITTITAS COUNTY	U.S.	54,899	54,899			0.006%	0.000%	0.000%		0.001%	0.000%	0.000%		0.001%
2009	WECC		PUD NO. 1 OF KLICKITAT COUNTY	U.S.	300,515	300,515			0.035%	0.035%	0.000%		0.007%	0.007%	0.000%	0.000%	0.008%
2009	WECC		PUD NO. 1 OF LEWIS COUNTY	U.S.	967,210	967,210			0.114%	0.114%		0.000%	0.022%	0.022%	0.000%		0.025%
2009	WECC		PUD NO. 1 OF MASON COUNTY	U.S.	80,102	80,102			0.009%	0.009%	0.000%		0.002%	0.002%	0.000%		0.002%
2009 2009	WECC WECC		PUD No. 1 of Pend Oreille County PUD NO. 1 OF SKAMANIA COUNTY	U.S. U.S.	968,963 138,779	968,963 138,779			0.114% 0.016%	0.114% 0.016%	0.000%	0.000% 0.000%	0.022% 0.003%	0.022% 0.003%	0.000% 0.000%	0.000%	0.025% 0.004%
2009	WECC		PUD NO. 1 OF SNOHOMISH COUNTY	U.S.	7,141,391	7,141,391			0.842%	0.842%	0.000%		0.163%	0.003%	0.000%	0.000%	0.004 %
2009	WECC		PUD NO. 1 OF WAHKIAKUM COUNTY	U.S.	44,609	44,609			0.005%	0.005%		0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		PUD NO. 1 OF WHATCOM COUNTY	U.S.	223,878	223,878			0.026%	0.026%	0.000%		0.005%	0.005%	0.000%	0.000%	0.006%
2009	WECC		PUD NO. 2 OF GRANT COUNTY (Avista		90,436	90,436			0.011%	0.011%		0.000%	0.002%	0.002%	0.000%		0.002%
2009	WECC		PUD NO. 2 OF GRANT COUNTY (BPA)	U.S.	49,007	49,007			0.006%	0.006%	0.000%		0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		PUD NO. 2 OF PACIFIC COUNTY	U.S.	312,886	312,886			0.037%	0.037%	0.000%	0.000%	0.007%	0.007%	0.000%	0.000%	0.008%
2009	WECC		PUD NO. 3 OF MASON COUNTY	U.S.	700,202	700,202			0.083%	0.083%	0.000%	0.000%	0.016%	0.016%	0.000%	0.000%	0.018%
2009	WECC		Puget Sound Energy	U.S.	25,460,922	25,460,922			3.003%	3.003%	0.000%	0.000%	0.581%	0.581%	0.000%	0.000%	0.661%
2009	WECC		RAFT RIVER RURAL ELECTRIC COOP	U.S.	221,513	221,513			0.026%	0.026%	0.000%	0.000%	0.005%	0.005%	0.000%	0.000%	0.006%
2009	WECC		RAVALLI COUNTY ELECTRIC COOPER	U.S.	157,578	157,578			0.019%	0.019%	0.000%	0.000%	0.004%	0.004%	0.000%	0.000%	0.004%
2009	WECC		RBS Sempra Energy Solutions	U.S.	1,884,440	1,884,440			0.222%	0.222%	0.000%		0.043%	0.043%	0.000%	0.000%	0.049%
2009	WECC		RIVERSIDE ELECTRIC COMPANY, LTC		20,070	20,070			0.002%	0.002%	0.000%		0.000%	0.000%	0.000%	0.000%	0.001%
2009	WECC		Rocky Mountain Generation Cooperative	U.S.	39,802	39,802			0.005%	0.005%	0.000%		0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		Roosevelt Irrigation District	U.S.	29,845	29,845			0.004%	0.004%	0.000%		0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		SALEM ELECTRIC	U.S.	336,272	336,272			0.040%	0.040%	0.000%	0.000%	0.008%	0.008%	0.000%	0.000%	0.009%
2009	WECC		Salt River Project (SRP)	U.S.	28,037,507	28,037,507			3.307%	3.307%	0.000%		0.640%	0.640%	0.000%	0.000%	0.728%
2009 2009	WECC WECC		San Carlos Indian Irrigation Project Seattle City Light	U.S. U.S.	140 10,167,916	140 10,167,916			0.000% 1.199%	0.000% 1.199%	0.000% 0.000%	0.000% 0.000%	0.000% 0.232%	0.000% 0.232%	0.000% 0.000%	0.000%	0.000% 0.264%
2009	WECC		Sierra Pacific Power Company	U.S.	8,715,131	8,715,131			1.028%	1.028%	0.000%		0.232 %	0.232 %	0.000%	0.000%	0.204%
2009	WECC		SMGT / BPA	U.S.	16,023	16,023			0.002%	0.002%	0.000%		0.000%	0.000%	0.000%	0.000%	0.000%
2009	WECC		SMUD	U.S.	11,447,941	11,447,941			1.350%	1.350%	0.000%		0.261%	0.261%	0.000%	0.000%	0.297%
2009	WECC		SOUTH SIDE ELECTRIC, INC.	U.S.	54,814	54,814			0.006%	0.006%	0.000%		0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		Southern Montana	U.S.	693,761	693,761			0.082%	0.082%		0.000%	0.016%	0.016%	0.000%	0.000%	0.018%
2009	WECC		Southern Nevada Water Authority	U.S.	821,644	821,644			0.097%	0.097%	0.000%	0.000%	0.019%	0.019%	0.000%	0.000%	0.021%
2009	WECC		Southwest Transmission Cooperative, Inc	U.S.	2,712,926	2,712,926			0.320%	0.320%	0.000%	0.000%	0.062%	0.062%	0.000%	0.000%	0.070%
2009	WECC		SPRINGFIELD UTILITY BOARD	U.S.	853,124	853,124			0.101%	0.101%	0.000%	0.000%	0.019%	0.019%	0.000%	0.000%	0.022%
2009	WECC		SURPRISE VALLEY ELECTRIFICATION	U.S.	34,622	34,622			0.004%	0.004%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		Tacoma Power	U.S.	5,011,373	5,011,373			0.591%	0.591%	0.000%	0.000%	0.114%	0.114%	0.000%	0.000%	0.130%
2009	WECC		The Incorporated County of Los Alamos	U.S.	385,561	385,561			0.045%	0.045%		0.000%	0.009%	0.009%	0.000%	0.000%	0.010%
2009	WECC		TILLAMOOK PUD	U.S.	353,089	353,089			0.042%	0.042%	0.000%		0.008%	0.008%	0.000%	0.000%	0.009%
2009	WECC		Tohono O'Odham Utility Authority	U.S.	67,007	67,007			0.008%	0.008%	0.000%		0.002%	0.002%	0.000%	0.000%	0.002%
2009	WECC		Tonopah Irrigation District	U.S.	22,584	22,584			0.003%	0.003%	0.000%		0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		Total NWMT Load Owner	U.S.	8,873,287	8,873,287			1.047%	1.047%	0.000%		0.202%	0.202%	0.000%	0.000%	0.230%
2009	WECC WECC		Town of Center-Transmission	U.S.	12,172	12,172			0.001%	0.001%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2009 2009	WECC		TOWN OF COULEE DAM TOWN OF EATONVILLE	U.S. U.S.	19,082 29,196	19,082 29,196			0.002% 0.003%	0.002% 0.003%	0.000% 0.000%	0.000% 0.000%	0.000% 0.001%	0.000% 0.001%	0.000% 0.000%	0.000%	0.000% 0.001%
2009	WECC		TOWN OF STEILACOOM	U.S.	42,414	42,414			0.005%	0.005%		0.000%	0.001%	0.001%	0.000%		0.001%
2009	WECC		Town of Wickenburg	U.S.	29,103	29,103			0.003%	0.003%		0.000%	0.001%	0.001%	0.000%		0.001%
2009	WECC		Tri State G & T Assoc., Inc	U.S.	1,952,963	1,952,963			0.230%	0.230%		0.000%	0.045%	0.045%	0.000%		0.051%
2009	WECC		Tri-State Generation & Transmission Ass		8,502	8,502			0.001%	0.001%		0.000%	0.000%	0.000%	0.000%		0.000%
2009	WECC		Tri-State Generation and Transmission A		6,641,896	6,641,896			0.783%	0.783%		0.000%	0.152%	0.152%	0.000%		0.172%
2009	WECC		Tristate Generation and Transmission As		2,422,891	2,422,891			0.286%	0.286%		0.000%	0.055%	0.055%	0.000%		0.063%
2009	WECC		Truckee Donner Public Utility District	U.S.	150,195	150,195			0.018%	0.018%		0.000%	0.003%	0.003%	0.000%		0.004%
2009	WECC		Tucson Electric Power	U.S.	13,564,552	13,564,552			1.600%	1.600%	0.000%	0.000%	0.310%	0.310%	0.000%	0.000%	0.352%
2009	WECC		Turlock Irrigation District	U.S.	2,063,084	2,063,084			0.243%	0.243%	0.000%	0.000%	0.047%	0.047%	0.000%	0.000%	0.054%

APPENDIX 2

Data	Regional	ID	Entity	C	Total NITL (MINUS)	U.S. NEL	Canada NEI	Mayina NEI	% of RE	UC Tatal	Canada	Mexico	% of ERO	LIC Total	Canada	Mexico	% of ERO -
Year	Entity	עו ן	Entity	Country	Total NEL (MWh)	U.S. NEL	Canada NEL	Mexico NEL	total	US Total	Total	Total	Total	US Total	Total	Total	US Only
2009	WECC		U.S. Army Yuma Proving Ground	U.S.	19,637	19,637			0.002%	0.002%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.001%
2009	WECC		U.S. BOIA WAPATO IRRIGATION PRO.	U.S.	17,178	17,178			0.002%	0.002%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2009	WECC		U.S. BOR EAST GREENACRES (RATHI	U.S.	5,358	5,358			0.001%	0.001%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2009	WECC		U.S. BOR SPOKANE INDIAN DEVELOP	U.S.	3,450	3,450			0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2009	WECC		U.S. DOE NATIONAL ENERGY TECHNO	U.S.	3,874	3,874			0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2009	WECC		U.S. DOE RICHLAND OPERATIONS OF	U.S.	188,941	188,941			0.022%	0.022%	0.000%	0.000%	0.004%	0.004%	0.000%	0.000%	0.005%
2009	WECC		U.S.A.F. BASE, FAIRCHILD	U.S.	55,769	55,769			0.007%	0.007%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2009	WECC		U.S.N SUBMARINE BASE, BANGOR	U.S.	178,872	178,872			0.021%	0.021%	0.000%	0.000%	0.004%	0.004%	0.000%	0.000%	0.005%
2009	WECC		U.S.N. NAVAL STATION, BREMERTON	U.S.	249,357	249,357			0.029%	0.029%	0.000%	0.000%	0.006%	0.006%	0.000%	0.000%	0.006%
2009	WECC		U.S.N. NAVAL STATION, EVERETT	U.S.	14,107	14,107			0.002%	0.002%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2009	WECC		UMATILLA ELECTRIC COOPERATIVE A	U.S.	957,575	957,575			0.113%	0.113%	0.000%	0.000%	0.022%	0.022%	0.000%	0.000%	0.025%
2009	WECC		Unit B Irrigation District	U.S.	20	20			0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2009	WECC		United Electric Cooperative, Inc.	U.S.	225,406	225,406			0.027%	0.027%	0.000%		0.005%	0.005%	0.000%	0.000%	0.006%
2009	WECC		Valley Electric Association	U.S.	461,088	461,088			0.054%	0.054%	0.000%		0.011%	0.011%	0.000%	0.000%	0.012%
2009	WECC		Vera Water and Power	U.S.	238,050	238,050			0.028%	0.028%		0.000%	0.005%	0.005%	0.000%	0.000%	0.006%
2009	WECC		Vigilante Electric Cooperative, Inc.	U.S.	164,342	164,342			0.019%	0.019%	0.000%		0.004%	0.004%	0.000%	0.000%	0.004%
2009	WECC		WASCO Electric Cooperative	U.S.	96,396	96,396			0.011%	0.011%	0.000%		0.002%	0.002%	0.000%	0.000%	0.003%
2009	WECC		WAUW	U.S.	227,523	227,523			0.027%	0.027%	0.000%		0.005%	0.005%	0.000%	0.000%	0.006%
2009	WECC		Wells REA	U.S.	206,198	206,198			0.024%	0.024%		0.000%	0.005%	0.005%	0.000%	0.000%	0.005%
2009	WECC		Wells Rural Electric Coop	U.S.	653,636	653,636			0.077%	0.077%	0.000%		0.015%	0.015%	0.000%	0.000%	0.017%
2009	WECC		Wellton-Mohawk Irrigation & Drainage Di	U.S.	7,379	7,379			0.001%	0.001%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2009	WECC		West Oregon Electric Cooperative, Inc	U.S.	70,978	70,978			0.008%	0.008%		0.000%	0.002%	0.002%	0.000%	0.000%	0.002%
2009	WECC		Western (WAPA-Sierra Nevada Region)	U.S.	1,414,575	1,414,575			0.167%	0.167%		0.000%	0.032%	0.032%	0.000%	0.000%	0.037%
2009	WECC		Western Area Power	U.S.	195,208	195,208			0.023%	0.023%	0.000%		0.004%	0.004%	0.000%	0.000%	0.005%
2009	WECC		Western Area Power Administration - CR		1,121,069	1,121,069			0.132%	0.132%	0.000%		0.026%	0.026%	0.000%	0.000%	0.029%
2009	WECC		Western Area Power Administration - De		2,283,187	2,283,187			0.269%	0.269%	0.000%		0.052%	0.052%	0.000%	0.000%	0.059%
2009	WECC		Western Area Power Administration - LAI		1,556,662	1,556,662			0.184%	0.184%	0.000%		0.036%	0.036%	0.000%	0.000%	0.040%
2009	WECC		Western Area Power Adminstration	U.S.	493,680	493,680			0.058%	0.058%		0.000%	0.011%	0.011%	0.000%	0.000%	0.013%
2009	WECC		Wyoming Municipal Power Agency	U.S.	198,608	198,608			0.023%	0.023%	0.000%		0.005%	0.005%	0.000%	0.000%	0.005%
2009	WECC		Yampa Valley	U.S.	604,197	604,197			0.071%	0.071%	0.000%		0.014%	0.014%	0.000%	0.000%	0.016%
2009	WECC		Yuma Irrigation District	U.S.	3,048	3,048			0.000%	0.000%		0.000%	0.000%	0.000%	0.000%		0.000%
2009	WECC		Yuma-Mesa Irrigation District	U.S.	175	175		10 710 500	0.000%	0.000%	0.000%		0.000%	0.000%	0.000%	0.000%	0.000%
-			TOTAL WECC		847,828,789	720,047,487	117,038,716	10,742,586	100.000%	84.593%	13.924%	1.484%	19.348%	16.408%	2.694%	0.246%	18.685%
					-												
	TOTAL ERC	)			4,382,034,322	3,853,706,121	517,585,615	10,742,586	800.000%	713.204%	85.313%	1.484%	100.000%	87.919%	11.834%	0.246%	100.000%
	ry by Regior	nal Entit	y														
2009	FRCC				226,802,655	226,802,655	-	-	100.000%	100.000%	0.000%	0.000%	5.176%	5.176%	0.000%	0.000%	5.885%
2009	MRO				264,751,863	220,355,964	44,395,899	-	100.000%	83.231%	16.769%	0.000%	6.042%	5.029%	1.013%	0.000%	5.718%
2009	NPCC				652,049,000	295,898,000	356,151,000	-	100.000%	45.380%	54.620%		14.880%	6.753%	8.128%	0.000%	7.678%
2009	RFC				889,208,026	889,208,026	-	-	100.000%	100.000%		0.000%	20.292%	20.292%	0.000%	0.000%	23.074%
2009	SERC				990,093,522	990,093,522	-	-	100.000%	100.000%	0.000%		22.594%	22.594%	0.000%	0.000%	25.692%
2009	SPP				203,022,708	203,022,708	-	-	100.000%	100.000%	0.000%		4.633%	4.633%	0.000%	0.000%	5.268%
2009	TRE				308,277,759	308,277,759	<del>-</del>	-	100.000%	100.000%	0.000%	0.000%	7.035%	7.035%		0.000%	8.000%
2009	WECC				847,828,789	720,047,487	117,038,716	10,742,586	100.000%	84.593%	13.924%	1.484%	19.348%	16.408%	2.694%	0.246%	18.685%
Total					4,382,034,322	3,853,706,121	517,585,615	10,742,586	800.000%	713.204%	85.313%	1.484%	100.000%	87.919%	11.834%	0.246%	100.000%

					Total ER	O Assessments (NE	RC, RE & WIRAB	Costs)		Total NERC A	ssessments		Total Regional Er	ntity Assessments	s (Including WIRAE	Assessments)
Data Year	Regional Entity	ID	Entity	Country	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total
Teal	Entity	טו	Entity	Country	lotai	03 rotai	Canada Totai	Mexico Total	Total	US TOTAL	Canada Potai	Wexico Total	Total	US I Utai	Callada Total	Wexico Total
2009	FRCC	1074	Alachua, City of	U.S.	3,826	3,826	-	-	1,154	1,154	-	-	2,672	2,672	-	-
2009	FRCC		Bartow, City of	U.S.	9,455	9,455	-	-	2,852	2,852	-	-	6,603	6,603	-	-
2009 2009	FRCC FRCC		Chattahoochee, City of Florida Keys Electric Cooperative Assn	U.S. U.S.	1,367 21,449	1,367 21,449	-	-	412 6,469	412 6,469	-	-	955 14,980	955 14,980	-	-
2009	FRCC		Florida Power & Light Co.	U.S.	3,454,083	3,454,083	-	-	1,041,780	1,041,780	-	-	2,412,303	2,412,303	-	-
2009	FRCC		Florida Public Utilities Company	U.S.	12,710	12,710	-	-	3,833	3,833	-	-	8,876	8,876	-	-
2009	FRCC		Gainesville Regional Utilities	U.S.	58,954	58,954	-	-	17,781	17,781	-	-	41,173	41,173	-	-
2009	FRCC		Homestead, City of	U.S.	15,209	15,209	-	-	4,587	4,587	-	-	10,622	10,622	-	-
2009 2009	FRCC FRCC	1082	Lakeland Electric	U.S. U.S.	399,809 93,824	399,809 93,824	-	-	120,586 28,298	120,586 28,298	-	-	279,223 65,526	279,223 65,526	-	-
2009	FRCC		Mount Dora, City of	U.S.	2,976	2,976	-	-	898	898	-	-	2,078	2,078	-	-
2009	FRCC	1085	New Smyrna Beach, Utilities Commission	U.S.	12,198	12,198	-	-	3,679	3,679	-	-	8,519	8,519	-	-
2009	FRCC		Orlando Utilities Commission	U.S.	177,268	177,268	-	-	53,466	53,466	-	-	123,803	123,803	-	-
2009	FRCC		Progress Energy Florida	U.S.	1,306,731	1,306,731	-	-	394,121	394,121	-	-	912,610	912,610	-	-
2009 2009	FRCC FRCC		Quincy, City of Reedy Creek Improvement District	U.S. U.S.	4,538 38,539	4,538 38,539	_	-	1,369 11,624	1,369 11,624	-	-	3,169 26,916	3,169 26,916	-	-
2009	FRCC		St. Cloud, City of (OUC)	U.S.	18,815	18,815	-	-	5,675	5,675	-	-	13,140	13,140	-	-
2009	FRCC		Tallahassee, City of	U.S.	87,960	87,960	-	-	26,529	26,529	-	-	61,431	61,431	-	-
2009	FRCC		Tampa Electric Company	U.S.	619,357	619,357	-	-	186,803	186,803	-	-	432,554	432,554	-	-
2009	FRCC		Vero Beach, City of	U.S.	23,613	23,613	-	-	7,122	7,122	-	-	16,491	16,491	-	-
2009 2009	FRCC FRCC		Wauchula, City of Williston, City of	U.S. U.S.	2,115 1,104	2,115 1,104	-	-	638 333	638 333	-	-	1,477 771	1,477 771	-	-
2009	FRCC		Winter Park, City of	U.S.	14,287	14,287	-	-	4,309	4,309	-	-	9,978	9,978	-	-
2009	FRCC		Florida Municipal Power Agency	U.S.	192,886	192,886	-	-	58,176	58,176	-	-	134,710	134,710	-	-
2009	FRCC	1073	Seminole Electric Cooperative	U.S.	539,070	539,070	-	-	162,588	162,588	-		376,482	376,482	-	-
			TOTAL FRCC		7,112,141	7,112,141	-	-	2,145,081	2,145,081	-		4,967,060	4,967,060	-	-
2009	MRO	1100	Basin Electric Power Cooperative	U.S.	422,412	422,412	_		103,398	103,398	_	_	319,014	319,014	_	
2009	MRO	1201	Central lowa Power Cooperative (CIPCO		109,653	109,653	-	-	26,841	26,841	-	-	82,812	82,812	-	-
2009	MRO		Corn Belt Power Cooperative	U.S.	75,155	75,155	-	-	18,396	18,396	-	-	56,758	56,758	-	-
2009	MRO	1207	Dairyland Power Cooperative	U.S.	214,138	214,138	-	-	52,417	52,417	-	-	161,721	161,721	-	-
2009	MRO		Great River Energy	U.S.	545,383	545,383	-	-	133,498	133,498	-	-	411,884	411,884	-	-
2009 2009	MRO MRO		Minnkota Power Cooperative, Inc.	U.S.	157,249	157,249	-	-	38,491	38,491	-	-	118,758	118,758	-	-
2009	MRO		Nebraska Public Power District Omaha Public Power District	U.S. U.S.	521,556 424,337	521,556 424,337	-	-	127,666 103,869	127,666 103,869	-	-	393,890 320,468	393,890 320,468	-	-
2009	MRO		Southern Montana Generation and Trans		184	184	-	-	45	45	-	-	139	139	-	-
2009	MRO	1240	Western Area Power Administration (UM)	U.S.	342,699	342,699	-	-	83,886	83,886	-	-	258,813	258,813	-	-
2009	MRO		Western Area Power Administration (LM)		5,225	5,225	-	-	1,279	1,279	-	-	3,946	3,946	-	-
2009	MRO		Manitoba Hydro	CAN	1,095,294	-	1,095,294	-	313,503	-	313,503	-	781,792	-	781,792	-
2009 2009	MRO MRO		SaskPower Alliant Energy (Alliant East - WPL & Alliant	CAN U.S.	877,554 1,143,530	1,143,530	877,554	-	251,180 279,913	- 279,913	251,180	-	626,375 863,618	- 863,618	626,375	-
2009	MRO		Madison, Gas and Electric	U.S.	137,200	137,200	-	-	33,584	33,584	-	-	103,616	103,616	-	-
2009	MRO		MidAmerican Energy Company	U.S.	886,519	886,519	-	-	217,001	217,001	-	-	669,517	669,517	-	-
2009	MRO		Minnesota Power	U.S.	414,222	414,222	-	-	101,393	101,393	-	-	312,829	312,829	-	-
2009	MRO		Montana-Dakota Utilities Co.	U.S.	106,783	106,783	-	-	26,138	26,138	-	-	80,645	80,645	-	-
2009 2009	MRO MRO		NorthWestern Energy Otter Tail Power Company	U.S. U.S.	58,481 175,939	58,481 175,939	-	-	14,315 43,066	14,315 43,066	-	-	44,166 132,872	44,166 132,872	-	-
2009	MRO		Integrys Energy Group (WPS and UPPC)		556,326	556,326	-	-	136,177	136,177	-	-	420,149	420,149	-	-
2009	MRO		Xcel Energy Company (NSP)	U.S.	1,849,013	1,849,013	-	-	452,600	452,600	-	-	1,396,413	1,396,413	-	-
2009	MRO	1196	Ames Municipal Electric System	U.S.	29,935	29,935	-	-	7,328	7,328	-	-	22,608	22,608	-	-
2009	MRO		Atlantic Municipal Utilities	U.S.	3,276	3,276	-	-	802	802	-	-	2,474	2,474	-	-
2009	MRO MRO		Badger Power Marketing Authority of Wis		14,282	14,282	-	-	3,496	3,496	-	-	10,786	10,786 15.744	-	-
2009 2009	MRO MRO		Cedar Falls Municipal Utilities Central Minnesota Municipal Power Agen	U.S. U.S.	20,847 17,589	20,847 17,589	-	-	5,103 4,305	5,103 4,305	-	-	15,744 13,283	15,744 13,283	-	-
2009	MRO		City of Pella	U.S.	7,195	7,195	-	-	1,761	1,761	-	-	5,434	5,434	-	-
2009	MRO		Escanaba Municipal Electric Utility	U.S.	5,817	5,817	-	-	1,424	1,424	-	-	4,393	4,393	-	-
2009	MRO		Falls City Water & Light Department	U.S.	1,576	1,576	-	-	386	386	-	-	1,190	1,190	-	-
2009	MRO		Fremont Department of Utilities	U.S.	17,197	17,197	-	-	4,209	4,209	-	-	12,988	12,988	-	-
2009 2009	MRO MRO		Geneseo Municipal Utilities Grand Island Utilities Department	U.S. U.S.	2,628 28,058	2,628 28,058	-	-	643 6,868	643 6,868	-	-	1,985 21,190	1,985 21,190	-	-
2009	IVIINO	1209	Orana Islana Guilles Department	0.3.	20,038	20,008	-	-	0,008	0,008	-	-	21,190	21,190	-	-

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			<u> </u>		Total ERC	Assessments (NE	RC, RE & WIRAB (	Costs)		Total NERC A	ssessments		Total Regional En	tity Assessments	(Including WIRAE	Assessments)
Data	Regional		Forther		T	110 7-4-1	One de Tatal		T	110 7-1-1	O	Manda a Tarrel	T-1-1	110 7-4-1	Canada Total	Manda a Tarat
Year	Entity	ID	Entity	Country	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total
2009	MRO	1606	Harlan Municipal Utilities	U.S.	764	764	-	-	187	187	-	-	577	577	-	-
2009	MRO		Hastings Utilities	U.S.	16,266	16,266	-	-	3,981	3,981	-	-	12,284	12,284	-	-
2009	MRO		Heartland Consumers Power District	U.S.	27,222	27,222	-	-	6,663	6,663	-	-	20,558	20,558	-	-
2009 2009	MRO MRO		Hutchinson Utilities Commission Lincoln Electric System	U.S. U.S.	11,907 129,483	11,907 129,483	-	-	2,915 31,695	2,915 31,695	-	-	8,992 97,788	8,992 97,788	-	-
2009	MRO		Manitowoc Public Utilities	U.S.	21,205	21,205	-	-	5,191	5,191	-	-	16,015	16,015	-	-
2009	MRO		Missouri River Energy Services	U.S.	89,091	89,091	-	-	21,808	21,808	-	-	67,284	67,284	-	-
2009	MRO	1224	MN Municipal Power Agency (MMPA)	U.S.	57,022	57,022	-	-	13,958	13,958	-	-	43,064	43,064	-	-
2009	MRO		Montezuma Municipal Light & Power	U.S.	1,081	1,081	-	-	265	265	-	-	816	816	-	-
2009	MRO		Municipal Energy Agency of Nebraska	U.S.	40,011	40,011	-	-	9,794	9,794	-	-	30,218	30,218	-	-
2009 2009	MRO MRO		Muscatine Power and Water Nebraska City Utilities	U.S. U.S.	34,880 6,674	34,880 6,674	-	-	8,538 1,634	8,538 1,634	-	-	26,342 5,041	26,342 5,041	-	-
2009	MRO		Rochester Public Utilities	U.S.	49	49	-	-	12	1,034	-	-	37	37	-	-
2009	MRO		Southern Minnesota Municipal Power Age		117,996	117,996	-	-	28,883	28,883	-	-	89,113	89,113	-	-
2009	MRO	1241	Willmar Municipal Utilities	U.S.	11,774	11,774	-	-	2,882	2,882	-	-	8,892	8,892	-	-
2009	MRO	1242	Wisconsin Public Power, Inc. (East and V	U.S.	213,462	213,462	-		52,251	52,251			161,211	161,211	-	-
			TOTAL MRO		11,046,138	9,073,289	1,972,849		2,785,636	2,220,953	564,683		8,260,502	6,852,336	1,408,166	
2009	NPCC	1336	New England	U.S.	4,486,684	4,486,684	-	-	1,205,764	1,205,764	-	_	3,280,920	3,280,920	-	-
2009	NPCC		New York	U.S.	5,627,532	5,627,532	-	-	1,510,928	1,510,928	-	-	4,116,603	4,116,603	-	-
2009	NPCC	1337	Ontario	Canada	3,248,689	-	3,248,689	-	1,175,701	-	1,175,701	-	2,072,988	-	2,072,988	-
2009	NPCC	1341	Quebec	Canada	4,546,766	-	4,546,766	-	1,773,069	-	1,773,069	-	2,773,697	-	2,773,697	-
2009	NPCC NPCC		New Brunswick	Canada	320,780	-	320,780	-	116,090	-	116,090	-	204,690	-	204,690	-
2009	NPCC	1340	Nova Scotia TOTAL NPCC	Canada	346,125 18,576,576	10,114,216	346,125 8,462,360	<del></del>	142,414 5,923,966	2,716,692	3,207,274		203,711 12,652,610	7,397,523	203,711 5,255,087	<u>-</u> _
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2009	RFC		Alger Delta Cooperative Electric Associat		1,394	1,394	-	-	552	552	-	-	842	842	-	-
2009	RFC	1097	American Municipal Power	U.S.	77,903	77,903	-	-	30,870	30,870	-	-	47,033	47,033	-	-
2009 2009	RFC RFC		Bay City Village of Bethel	U.S. U.S.	7,819 690	7,819 690	-	-	3,098 274	3,098 274	-	-	4,721 417	4,721 417	-	-
2009	RFC		Buckeye Power Inc. (DUKE-CIN)	U.S.	6,314	6,314	-	-	2,502	2,502	-	-	3,812	3,812	-	-
2009	RFC	1100		U.S.	24,064	24,064	-	-	9,536	9,536	-	-	14,529	14,529	-	-
2009	RFC	1102	Cannelton Utilities	U.S.	395	395	-	-	157	157	-	-	238	238	-	-
2009	RFC		City of Chelsea	U.S.	2,183	2,183	-	-	865	865	-	-	1,318	1,318	-	-
2009 2009	RFC RFC		City of Createl Follo	U.S. U.S.	866 322	866 322	-	-	343 128	343 128	-	-	523 194	523 194	-	-
2009	RFC		City of Crystal Falls City of Eaton Rapids	U.S.	1,861	1,861	-	-	738	738	-	-	1,124	1,124	-	-
2009	RFC		City of Hamilton	U.S.	10,532	10,532	-	-	4,173	4,173	-	-	6,359	6,359	-	-
2009	RFC	1111	City of Hart	U.S.	858	858	-	-	340	340	-	-	518	518	-	-
2009	RFC		City of Lansing	U.S.	49,983	49,983	-	-	19,806	19,806	-	-	30,177	30,177	-	-
2009	RFC		City of Marquette Board of Light & Power		8,060	8,060	-	-	3,194	3,194	-	-	4,866	4,866	-	-
2009 2009	RFC RFC		City of Painesville City of Portland	U.S. U.S.	3,760 843	3,760 843	-	-	1,490 334	1,490 334	-	-	2,270 509	2,270 509	-	-
2009	RFC		City of St. Louis	U.S.	928	928	-	-	368	368	_	-	561	561	_	-
2009	RFC		City of Williamstown KY	U.S.	1,281	1,281	-	-	508	508	-	-	774	774	-	-
2009	RFC		City of Wyandotte	U.S.	1,558	1,558	-	-	617	617	-	-	941	941	-	-
2009	RFC	1119		U.S.	38,804	38,804	-	-	15,377	15,377	-	-	23,428	23,428	-	-
2009 2009	RFC RFC		Cloverland Electric Cooperative Cloverland (f.k.a Edison Sault Electric (	U.S. U.S.	5,611 15,817	5,611 15,817	-	-	2,224 6,268	2,224 6,268	-	-	3,388 9,549	3,388 9,549	-	-
2009	RFC		CMS ERM Michigan LLC	U.S.	3,064	3,064	-	-	1,214	1,214	-	-	1,850	1,850	-	-
2009	RFC		Constellation New Energy (MECS-CONS		11,510	11,510	-	-	4,561	4,561	-	-	6,949	6,949	-	-
2009	RFC	1123	Constellation New Energy (MECS-DET)	U.S.	16,471	16,471	-	-	6,527	6,527	-	-	9,944	9,944	-	-
2009	RFC	1534	Constellation New Energy Inc. (ATSI)	U.S.	4,786	4,786	-	-	1,897	1,897	-	-	2,890	2,890	-	-
2009	RFC	1125			2,844	2,844	-	-	1,127	1,127	-	-	1,717	1,717	-	-
2009 2009	RFC RFC		Consumers Energy Company Detroit Edison Company	U.S. U.S.	789,789 1,083,891	789,789 1,083,891	-		312,962 429,503	312,962 429,503	-	-	476,827 654,388	476,827 654,388	-	-
2009	RFC	1129		U.S.	2,378	2,378	-	-	942	942	-	-	1,436	1,436	-	-
2009	RFC	1130	` ,	U.S.	8,784	8,784	-	-	3,481	3,481	-	-	5,303	5,303	-	-
2009	RFC		DTE Energy Trading	U.S.	-	-	-	-	-	-	-	-	-	-	-	-
2009	RFC	1166	Duke Energy Indiana	U.S.	679,213	679,213	-	-	269,145	269,145	-	-	410,068	410,068	-	-

		l			Total ERC	Assessments (NE	RC, RE & WIRAB (	Costs)		Total NERC As	ssessments		Total Regional Er	ntity Assessments	(Including WIRAE	Assessments)
Data Year	Regional Entity	ID	Entity	Country	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total
100.	Linuty			country	7000	55 75.0.1	Junuau 1 Jun	moxico rotar	10.0.1	00 101	Junuau Potar	moxico rotar	10141	00 101	Junua Potar	moxico i otal
2009	RFC		Duke Energy Kentucky	U.S.	99,682	99,682	-	-	39,500	39,500	-	-	60,182	60,182	-	-
2009 2009	RFC RFC	1178 1608	Duke Energy Ohio Duke Energy Retail Sales (ATSI)	U.S. U.S.	427,064 43,877	427,064 43,877	-	-	169,229 17,387	169,229 17,387	-	-	257,835 26,490	257,835 26,490	-	-
2009	RFC	1609	Duke Energy Retail Sales (DUKE-CIN)	U.S.	20,243	20,243	-	-	8,021	8,021		-	12,221	12,221	-	-
2009	RFC		Energy International Power Marketing	U.S.			-	-	-	-	-	-	-	-	-	-
2009	RFC	1135	Ferdinand Municipal Light & Water	U.S.	960	960	-	-	380	380	-	-	580	580	-	-
2009	RFC	1138	0,	U.S.	1,030,111	1,030,111	-	-	408,192	408,192	-	-	621,919	621,919	-	-
2009 2009	RFC RFC	1137 1549	FirstEnergy Solutions (ATSI) FirstEnergy Solutions (MECS-DET)	U.S. U.S.	534,900 522	534,900 522	-	-	211,960 207	211,960 207	-	-	322,940 315	322,940 315	-	-
2009	RFC	1550	FirstEnergy Solutions (IVIECS-DET)	U.S.	8,159	8,159	-	-	3,233	3,233	-	-	4,926	4,926	-	-
2009	RFC	1610	Gexa Energy	U.S.	36,177	36,177	-	-	14,335	14,335	-	-	21,841	21,841	-	-
2009	RFC	1141	Georgetown	U.S.	1,314	1,314	-	-	521	521	-	-	793	793	-	-
2009	RFC		Glacial Energy (ATSI)	U.S.	24	24	-	-	9	9	-	-	14	14	-	-
2009	RFC		Glacial Energy (MECS-DET)	U.S.	641	641	-	-	254	254	-	-	387	387	-	-
2009 2009	RFC RFC		Hamersville Holland Board of Public Works	U.S. U.S.	132 17,386	132 17,386	-	-	52 6,889	52 6,889	-	-	80 10,497	80 10,497	-	-
2009	RFC	1145		U.S.	160,464	160,464	-	-	63,586	63,586	-	-	96,879	96,879	-	-
2009	RFC		Indiana Municipal Power Agency (DUKE	U.S.	68,378	68,378	-	-	27,095	27,095	-	-	41,282	41,282	-	-
2009	RFC		Indiana Municipal Power Agency (NIPSC		9,017	9,017	-	-	3,573	3,573	-	-	5,444	5,444	-	-
2009	RFC		Indiana Municipal Power Agency (SIGE)	U.S.	13,323	13,323	-	-	5,279	5,279	-	-	8,044	8,044	-	-
2009	RFC	1149		U.S.	356,453	356,453	-	-	141,248	141,248	-	-	215,205	215,205	-	-
2009	RFC RFC		Integrys Energy Services (ATSI)	U.S.	1	1	-	-	0	0	-	-	1	1	-	-
2009 2009	RFC		Integrys Energy Services (DUKE-CIN) Integrys Energy Services (MECS-CONS)	U.S. U.S.	448 5,796	448 5,796	-	-	177 2,297	177 2,297	-	-	270 3,499	270 3,499	-	-
2009	RFC		Integrys Energy Services (MECS-DET)	U.S.	5,817	5,817	-	-	2,305	2,305	-	-	3,512	3,512	_	-
2009	RFC		Just Energy (MECS-DET)	U.S.	624	624	-	-	247	247	-	-	377	377	-	-
2009	RFC	1151	Lebanon	U.S.	6,582	6,582	-	-	2,608	2,608	-	-	3,974	3,974	-	-
2009	RFC		Michigan Public Power Agency	U.S.	27,753	27,753	-	-	10,997	10,997	-	-	16,756	16,756	-	-
2009	RFC		Michigan South Central Power Agency	U.S.	12,984	12,984	-	-	5,145	5,145	-	-	7,839	7,839	-	-
2009 2009	RFC RFC		MidAmerican Energy Company Retail Northern Indiana Public Service Co.	U.S. U.S.	688 375,259	688 375,259	-	-	273 148,700	273 148,700	-	-	416 226,559	416 226,559	_	_
2009	RFC		Ontonagon County Rural Electrification A		657	657	-	-	260	260	-	-	396	396	_	-
2009	RFC		Penn Power	U.S.	52,241	52,241	-	-	20,701	20,701	-	-	31,540	31,540	-	-
2009	RFC	1265	PJM Interconnnection, LLC	U.S.	14,001,471	14,001,471	-	-	5,548,231	5,548,231	-	-	8,453,240	8,453,240	-	-
2009	RFC		Public Lighting Department of Detroit	U.S.	-	-	-	-	-	-	-	-	-	-	-	-
2009	RFC		Ripley	U.S.	449	449	-	-	178	178	-	-	271	271	-	-
2009 2009	RFC RFC	1580 1615		U.S. U.S.	9,700 14	9,700 14	-	-	3,844 6	3,844 6	-	-	5,856 9	5,856 9	-	-
2009	RFC		Sempra Energy Solutions (MECS-CONS)		13,205	13,205	-	-	5,233	5,233	-	-	7,972	7,972	-	-
2009	RFC		Sempra Energy Solutions (MECS-DET)	U.S.	6,427	6,427	-	-	2,547	2,547	-	-	3,880	3,880	_	-
2009	RFC	1173			6,921	6,921	-	-	2,743	2,743	-	-	4,179	4,179	-	-
2009	RFC		Direct Energy (fka:Strategic Energy LLC)		6,142	6,142	-	-	2,434	2,434	-	-	3,708	3,708	-	-
2009	RFC		Direct Energy (fka:Strategic Energy,LLC)		273	273	-	-	108	108	-	-	165	165	-	-
2009 2009	RFC RFC		Direct Energy (fka:Strategic Energy,LLC) Smart Paper Holdings	U.S. U.S.	6,155 153	6,155 153	-	-	2,439 61	2,439 61	-	-	3,716 92	3,716 92	-	-
2009	RFC	1581	Spartan Renewable Energy	U.S.	1,524	1,524	-	-	604	604	-	-	920	920	-	-
2009	RFC		Thumb Electric Cooperative	U.S.	3,852	3,852	-	-	1,526	1,526	-	-	2,325	2,325	_	-
2009	RFC	1181	Vectren Energy Delivery of IN	U.S.	126,791	126,791	-	-	50,242	50,242	-	-	76,549	76,549	-	-
2009	RFC	1099	Village of Blanchester	U.S.	1,848	1,848	-	-	732	732	-	-	1,115	1,115	-	-
2009	RFC		Village of Sebewaing	U.S.	1,047	1,047	-	-	415	415	-	-	632	632	-	-
2009	RFC		Wabash Valley Power Association Inc. (I		60,907	60,907	-	-	24,135	24,135	-	-	36,772	36,772	-	-
2009 2009	RFC RFC		Wabash Valley Power Association Inc. (Nabash Valley Power Association Inc. (Nabash Valley Power Association Inc.)		3,993 37,183	3,993 37,183	-	-	1,582 14,734	1,582 14,734	-	-	2,411 22,449	2,411 22,449	-	-
2009	RFC		Wisconsin Electric Power Co.	U.S.	652,295	652,295	-	-	258,479	258,479	-	-	393,816	393,816	-	-
2009	RFC		Wolverine Power Marketing Cooperative		23,634	23,634	-	-	9,365	9,365	-	-	14,269	14,269	-	-
2009	RFC	1191	Wolverine Power Supply Cooperative	U.S.	58,175	58,175	-	-	23,053	23,053	-	-	35,123	35,123	-	-
2009	RFC		Wolverine Power Marketing Cooperative		2,396	2,396	-	-	950	950	-	-	1,447	1,447	-	-
2009	RFC	1194	Zelienople	U.S.	756	756	-	<u> </u>	299	299	-	-	456	456	-	-
			TOTAL RELIABILITYFIRST		21,207,566	21,207,566	-		8,403,722	8,403,722	-		12,803,844	12,803,844	-	-

					Total ERC	Assessments (NE	RC, RE & WIRAB	Costs)		Total NERC A	ssessments		Total Regional E	ntity Assessments	(Including WIRAL	3 Assessments)
Data Year	Regional Entity	ID	Entity	Country	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total
Ieai	Linuty	ID.	Entity	Country	Total	OS TOTAL	Canada Totai	WEXICO TOTAL	Total	US TOTAL	Canada Totai	WEXICO TOTAL	Total	03 Total	Canada Total	WEXICO TOTAL
2009	SERC		Alabama Municipal Electric Authority	U.S.	71,709	71,709	-	-	33,349	33,349	-	-	38,360	38,360	-	-
2009 2009	SERC SERC		Alabama Power Company Ameren - Illinois	U.S. U.S.	1,092,876 816,847	1,092,876 816,847	-	-	508,255 379,884	508,255 379,884	-	-	584,621 436,962	584,621 436,962	-	-
2009	SERC		Ameren - Missouri	U.S.	795,005	795,005	-	-	369,727	369,727	-	-	425,279	425,279	-	_
2009	SERC		APGI - Yadkin Division	U.S.	651	651	-	-	303	303	-	-	348	348	-	-
2009	SERC		Associated Electric Cooperative Inc.	U.S.	382,623	382,623	-	-	177,943	177,943	-	-	204,679	204,679	-	-
2009 2009	SERC SERC		Beauregard Electric Cooperative, Inc. Benton Utility District	U.S. U.S.	20,913 5,319	20,913 5,319	-	-	9,726 2,474	9,726 2,474	-	-	11,187 2,845	11,187 2,845	-	-
2009	SERC		Big Rivers Electric Corporation	U.S.	200,330	200,330	-	-	93,166	93,166	-	-	107,164	107,164	-	-
2009	SERC		Black Warrior EMC	U.S.	8,394	8,394	-	-	3,904	3,904	-	-	4,490	4,490	-	-
2009	SERC		Blue Ridge EMC	U.S.	23,146	23,146	-	-	10,764	10,764	-	-	12,382	12,382	-	-
2009	SERC		Canton, MS	U.S.	2,471	2,471	-	-	1,149	1,149	-	-	1,322	1,322	-	-
2009 2009	SERC SERC		Central Electric Power Cooperative Inc. City of Blountstown FL	U.S. U.S.	311,351 804	311,351 804	-	-	144,797 374	144,797 374	-	-	166,553 430	166,553 430	-	-
2009	SERC		City of Camden SC	U.S.	4,122	4,122	-	-	1,917	1,917	_	_	2,205	2,205	_	_
2009	SERC		City of Collins MS	U.S.	905	905	-	-	421	421	-	-	484	484	-	-
2009	SERC		City of Columbia MO	U.S.	27,670	27,670	-	-	12,868	12,868	-	-	14,802	14,802	-	-
2009 2009	SERC SERC		City of Conway AR (Conway Corporation) City of Evergreen AL	U.S. U.S.	19,343 1,248	19,343 1,248	-	-	8,996 580	8,996 580	-	-	10,347 668	10,347 668	-	-
2009	SERC		City of Hampton GA	U.S.	496	496	-	-	231	231	-	-	265	265	-	-
2009	SERC		City of Hartford AL	U.S.	630	630	-	-	293	293	-	-	337	337	-	-
2009	SERC		City of Henderson (KY) Municipal Power	U.S.	13,268	13,268	-	-	6,171	6,171	-	-	7,098	7,098	-	-
2009	SERC		City of North Little Rock AR (DENL)	U.S.	19,429	19,429	-	-	9,036	9,036	-	-	10,393	10,393	-	-
2009 2009	SERC SERC		City of Orangeburg SC Department of Pu City of Robertsdale AL	U.S. U.S.	18,653 1,701	18,653 1,701	-	-	8,675 791	8,675 791	-	-	9,978 910	9,978 910	-	-
2009	SERC		City of Ruston LA (DERS)	U.S.	5,440	5,440	-	-	2,530	2,530	-	-	2,910	2,910	_	-
2009	SERC		City of Seneca SC	U.S.	3,081	3,081	-	-	1,433	1,433	-	-	1,648	1,648	-	-
2009	SERC		City of Springfield (CWLP)	U.S.	36,568	36,568	-	-	17,006	17,006	-	-	19,561	19,561	-	-
2009 2009	SERC SERC		City of Thayer, MO City of Troy AL	U.S. U.S.	317 7,447	317 7,447	-	-	148 3,464	148 3,464	-	-	170 3,984	170 3,984	-	-
2009	SERC		City of West Memphis AR (West Memphi	U.S.	7,447	7,999	-	-	3,720	3,720	-	-	4,279	3,964 4,279	-	-
2009	SERC		Claiborne Electric Cooperative, Inc.	U.S.	12,239	12,239	-	-	5,692	5,692	-	-	6,547	6,547	-	-
2009	SERC		Concordia Electric Cooperative, Inc.	U.S.	4,989	4,989	-	-	2,320	2,320	-	-	2,669	2,669	-	-
2009	SERC		Dalton Utilities	U.S.	29,701	29,701	-	-	13,813	13,813	-	-	15,888	15,888	-	-
2009 2009	SERC SERC		Dixie Electric Membership Corporation  Dominion Virginia Power	U.S. U.S.	44,693 1,678,292	44,693 1,678,292	-	-	20,785 780,509	20,785 780,509	-	-	23,908 897,782	23,908 897,782	-	-
2009	SERC		Duke Energy Carolinas, LLC	U.S.	1,629,198	1,629,198	-	-	757,678	757,678	-	-	871,520	871,520	-	-
2009	SERC	1466	Durant, MS	U.S.	622	622	-	-	289	289	-	-	332	332	-	-
2009	SERC		E.ON U.S. Services Inc.	U.S.	676,989	676,989	-	-	314,842	314,842	-	-	362,147	362,147	-	-
2009 2009	SERC SERC		East Kentucky Power Cooperative East Mississippi Electric Power Association	U.S. U.S.	249,245 8,875	249,245 8,875	-	-	115,914 4,127	115,914 4,127	-	-	133,331 4,747	133,331 4,747	-	-
2009	SERC		Electric Energy Inc.	U.S.	26,703	26,703	-	-	12,419	12,419	-	-	14,284	14,284	-	-
2009	SERC		EnergyUnited EMC	U.S.	48,353	48,353	-	-	22,487	22,487	-	-	25,866	25,866	-	-
2009	SERC		Entergy	U.S.	2,199,315	2,199,315	-	-	1,022,817	1,022,817	-	-	1,176,497	1,176,497	-	-
2009	SERC		Fayetteville (NC) Public Works Commissi		45,036	45,036	-	-	20,944	20,944	-	-	24,091	24,091	-	-
2009 2009	SERC SERC		Florida Public Utilities (FL Panhandle Loa French Broad EMC	U.S. U.S.	7,037 10,407	7,037 10,407	-	-	3,273 4,840	3,273 4,840	-	-	3,764 5,567	3,764 5,567	-	-
2009	SERC		Georgia Power Company	U.S.	1,719,948	1,719,948	-	-	799,882	799,882	_	_	920,066	920,066	_	_
2009	SERC		Georgia System Optns Corporation	U.S.	763,558	763,558	-	-	355,102	355,102	-	-	408,457	408,457	-	-
2009	SERC		Greenwood (MS) Utilities Commission	U.S.	5,685	5,685	-	-	2,644	2,644	-	-	3,041	3,041	-	-
2009 2009	SERC SERC		Greenwood (SC) Commissioners of Publi Gulf Power Company	U.S. U.S.	6,678 235,060	6,678 235,060	-	-	3,106 109,318	3,106 109,318	-	-	3,572 125,743	3,572 125,743	-	-
2009	SERC		Haywood EMC	U.S.	6,134	6,134	-	-	2,853	2,853	-	-	3,281	3,281	-	-
2009	SERC		Illinois Municipal Electric Agency	U.S.	36,449	36,449	-	-	16,951	16,951	-	-	19,498	19,498	-	-
2009	SERC	1480	Itta Bena, MS	U.S.	321	321	-	-	149	149	-	-	172	172	-	-
2009	SERC		Jefferson Davis Electric Cooperative, Inc.		4,538	4,538	-	-	2,111	2,111	-	-	2,428	2,428	-	-
2009 2009	SERC SERC		Kentucky Municipal Power Kosciusko, MS	U.S. U.S.	14,563 1,471	14,563 1,471	-	-	6,772 684	6,772 684	-	-	7,790 787	7,790 787	-	-
2009	SERC		Leland, MS	U.S.	648	648	-	-	301	301	-	-	347	347	-	-
2009	SERC		McCormick Commission of Public Works		461	461	-	-	214	214	-	-	247	247	-	-

					Total ER	O Assessments (NE	KC, RE & WIRAB	Losts)		Total NERC A	ssessments		Total Regional Er	ITITY ASSESSMENTS	s (Including WIRAE	Assessments)
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Data Year	Regional Entity	ID	Entity	Country	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total
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2009	SERC		Mississippi Power Company	U.S.	200,927	200,927	-	-	93,444	93,444	-	-	107,484	107,484	-	-
2009 2009	SERC SERC		Municipal Electric Authority of Georgia N.C. Electric Membership Corp.	U.S. U.S.	212,971 248,727	212,971 248,727	-	-	99,045 115,673	99,045 115,673	-	-	113,926 133,054	113,926 133,054	-	-
2009	SERC		North Carolina Eastern Municipal Power	U.S.	148,993	148,993	-	-	69,291	69,291	-	-	79,702	79,702	-	-
2009	SERC		North Carolina Municipal Power Agency #		92,874	92,874	-	-	43,192	43,192	-	-	49,682	49,682	-	-
2009	SERC		Northeast Louisiana Power Cooperative,	U.S.	5,597	5,597	-	-	2,603	2,603	-	-	2,994	2,994	-	-
2009 2009	SERC SERC		Northern Virginia Electric Cooperative Old Dominion Electric Cooperative	U.S. U.S.	70,446 112,479	70,446 112,479	-	-	32,762 52,309	32,762 52,309	-	-	37,684	37,684 60,169	-	-
2009	SERC		Osceola (Arkansas) Municipal Light and F		5,419	5,419	-	-	2,520	2,520	-	-	60,169 2,899	2,899	-	-
2009	SERC		Owensboro (KY) Municipal Utilities	U.S.	17,716	17,716	-	-	8,239	8,239	-	-	9,477	9,477	-	-
2009	SERC		Piedmont EMC in Duke and Progress Are		10,202	10,202	-	-	4,745	4,745	-	-	5,458	5,458	-	-
2009	SERC		Piedmont Municipal Power Agency (PMP		46,072	46,072	-	-	21,427	21,427	-	-	24,646	24,646	-	-
2009 2009	SERC SERC		Pointe Coupee Electric Memb. Corp. PowerSouth Energy	U.S. U.S.	5,340 166,805	5,340 166,805	-	-	2,483 77,575	2,483 77,575	-	-	2,857 89,231	2,857 89,231	-	-
2009	SERC		Prairie Power, Inc.	U.S.	31,035	31,035	-	-	14,433	14,433	-	-	16,602	16,602	-	-
2009	SERC		Progress Energy Carolinas	U.S.	919,786	919,786	-	-	427,757	427,757	-	-	492,029	492,029	-	-
2009	SERC		Rutherford EMC	U.S.	25,493	25,493	-	-	11,856	11,856	-	-	13,637	13,637	-	-
2009	SERC		South Carolina Electric & Gas Company	U.S.	448,181	448,181	-	-	208,432	208,432	-	-	239,749	239,749	-	-
2009 2009	SERC		South Carolina Public Service Authority	U.S.	144,199	144,199	-	-	67,061	67,061	-	-	77,137	77,137	-	-
2009	SERC SERC		South Louisiana Electric Cooperative Ass South Mississippi Electric Power Associate		12,174 199,778	12,174 199,778	-	-	5,662 92,909	5,662 92,909	-	-	6,512 106,869	6,512 106,869	-	-
2009	SERC	1329	Southern Illinois Power Cooperative	U.S.	29,850	29,850	-	-	13,882	13,882	-	-	15,968	15,968	-	-
2009	SERC	1591	Southwest Louisiana Electric Membership		48,894	48,894	-	-	22,739	22,739	-	-	26,155	26,155	-	-
2009	SERC		Southwestern Electric Cooperative, Inc.	U.S.	8,319	8,319	-	-	3,869	3,869	-	-	4,450	4,450	-	-
2009	SERC	1331	Tennessee Valley Authority	U.S.	3,334,478	3,334,478	-	-	1,550,739	1,550,739	-	-	1,783,740	1,783,740	-	-
2009 2009	SERC SERC		Tombigbee Electric Cooperative Inc. Town of Black Creek, N.C.	U.S. U.S.	2,638 253	2,638 253	-	-	1,227 118	1,227 118	-	-	1,411 135	1,411 135	-	-
2009	SERC		Town of Lucama, N.C.	U.S.	423	423	-	-	197	197	-	-	226	226	-	-
2009	SERC		Town of Sharpsburg, N.C.	U.S.	434	434	-	-	202	202	-	-	232	232	-	-
2009	SERC	1595	Town of Stantonsburg, N.C.	U.S.	466	466	-	-	217	217	-	-	249	249	-	-
2009	SERC		Town of Waynesville NC	U.S.	1,961	1,961	-	-	912	912	-	-	1,049	1,049	-	-
2009	SERC		Town of Winnsboro SC	U.S.	1,533	1,533	-	-	713	713	-	-	820	820	-	-
2009 2009	SERC SERC		Town of Winterville NC Valley Electric Membership Corporation,	U.S. U.S.	1,037 3,375	1,037 3,375	-	-	482 1,569	482 1,569	-	-	555 1,805	555 1,805	-	-
2009	SERC		Washington-St.Tammany Electric Coope		22,213	22,213	-	-	10,331	10,331	-	-	11,883	11,883	-	-
	<u> </u>		TOTAL SERC		19,949,050	19,949,050	-	-	9,277,542	9,277,542	-	-	10,671,508	10,671,508	-	-
2009	SPP	1246	American Electric Power	U.S.	1,900,912	1,900,912	-	-	351,407	351,407	-	-	1,549,506	1,549,506	-	-
2009 2009	SPP SPP	1435 1247	Arkansas Electric Cooperative Corporati Board of Public Utilities (Kansas City KS		205,903 130,534	205,903 130,534	-	-	38,064 24,131	38,064 24,131	-	-	167,840 106,403	167,840 106,403	-	-
2009	SPP	1620	Board of Public Utilities, City of McPhers		46,604	46,604	-	-	8,615	8,615	-	-	37,989	37,989	-	-
2009	SPP	1468	Cap Rock Energy	U.S.	44,436	44,436	-	-	8,215	8,215	-	-	36,221	36,221	-	-
2009	SPP	1469	Central Valley Electric Cooperative	U.S.	41,966	41,966	-	-	7,758	7,758	-	-	34,208	34,208	-	-
2009	SPP	1556	City of Bentonville	U.S.	30,918	30,918	-	-	5,716	5,716	-	-	25,203	25,203	-	-
2009 2009	SPP SPP	1557 1558	City of Clarksdale, Mississippi	U.S. U.S.	9,379 15,684	9,379 15,684	-	-	1,734 2,899	1,734 2,899	-	-	7,645 12,785	7,645 12,785	-	-
2009	SPP	1559	Hope Water & Light (HWL) City of Minden	U.S.	9,206	9,206	-	-	1,702	1,702	-	-	7,504	7,504	-	-
2009	SPP	1248	Independence Power & Light (Independence		59,340	59,340	-	-	10,970	10,970	-	-	48,370	48,370	-	_
2009	SPP	1436	City Utilities of Springfield, MO	U.S.	169,791	169,791	-	-	31,388	31,388	-	-	138,403	138,403	-	-
2009	SPP	1249		U.S.	605,832	605,832	-	-	111,995	111,995	-	-	493,836	493,836	-	-
2009	SPP	1437	• •	U.S.	22,238	22,238	-	-	4,111	4,111	-	-	18,127	18,127	-	-
2009 2009	SPP SPP	1250 1470	The Empire District Electric Company Farmers' Electric Coop	U.S. U.S.	289,252 22,447	289,252 22,447	-	-	53,472 4,150	53,472 4,150	-	-	235,780 18,297	235,780 18,297	-	
2009	SPP	1438	Golden Spread Electric Coop	U.S.	245,622	245,622	-	-	45,406	45,406	-	-	200,216	200,216	-	-
2009	SPP	1251	Grand River Dam Authority	U.S.	235,428	235,428	-	-	43,522	43,522	-	-	191,906	191,906	-	-
2009	SPP	1252	Kansas City Power & Light (KCPL)	U.S.	858,802	858,802	-	-	158,760	158,760	-	-	700,042	700,042	-	-
2009	SPP	1439	Kansas Electric Power Coop., Inc	U.S.	111,776	111,776	-	-	20,663	20,663	-	-	91,113	91,113	-	-
2009 2009	SPP SPP	1440 1598	Kansas Municipal Energy Agency (KCPL KCP&L GMOC (Greater Missouri Operat		39,788 463,770	39,788 463,770	-	-	7,355 85,734	7,355 85,734	-	-	32,432 378,037	32,432 378,037	-	-
2009	SPP		Lafayette Utilities System	U.S.	114,325	114,325	-	-	21,134	21,134	-	-	93,190	93,190	-	-
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					Total ER	O Assessments (NE	RC, RE & WIRAB	Costs)		Total NERC A	ssessments		Total Regional E	Entity Assessment	s (Including WIRAL	3 Assessments)
Data Year	Regional Entity	ID	Entity	Country	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total
2009	SPP	1472	Lea County Electric Coop	U.S.	67,896	67,896		_	12,551	12,551			55,344	55,344		
2009	SPP	1253	Louisiana Energy & Power Authority (LE		-	-	-	-	-	-	-	-	-	-	-	-
2009	SPP	1441	Midwest Energy Inc.	U.S.	88,173	88,173	-	-	16,300	16,300	-	-	71,873	71,873	-	-
2009	SPP	1443	Missouri Joint Municipal Electric Utility Co		121,239	121,239	-	-	22,413	22,413	-	-	98,827	98,827	-	-
2009 2009	SPP SPP	1442 1255	Northeast Texas Electric Cooperative, In Oklahoma Gas and Electric Co.	U.S. U.S.	165,096 1,521,416	165,096 1,521,416	-	-	30,520 281,252	30,520 281,252	-	_	134,576 1,240,164	134,576 1,240,164	-	-
2009	SPP	1444	Oklahoma Municipal Power Authority	U.S.	137,637	137,637	-	-	25,444	25,444	-	-	112,193	112,193	-	-
2009	SPP	1561	Public Service Commission of Yazoo Cit	U.S.	6,556	6,556	-	-	1,212	1,212	-	-	5,344	5,344	-	-
2009	SPP	1473	Roosevelt County Electric Coop	U.S.	11,858	11,858	-	-	2,192	2,192	-	-	9,666	9,666	-	-
2009	SPP	1258	Southwestern Power Administration (SP.	U.S.	220,496	220,496	-	-	40,761	40,761	-	-	179,735	179,735	-	-
2009	SPP SPP	1257	Southwestern Public Service Co. (SPS-)	U.S.	1,075,260	1,075,260	-	-	198,775	198,775	-	-	876,485	876,485	-	-
2009 2009	SPP	1256 1445	Sunflower Electric Cooperative (SECI) Tex - La Electric Cooperative of Texas	U.S. U.S.	293,449 25,374	293,449 25,374	-	-	54,248 4,691	54,248 4,691	-	-	239,201 20,683	239,201 20,683	-	-
2009	SPP	1475	Tri County Electric Coop	U.S.	22,157	22,157	-	_	4,096	4,096	-	_	18,061	18,061	-	-
2009	SPP	1260	Westar Energy, Inc.	U.S.	1,215,377	1,215,377	-	-	224,677	224,677	-	-	990,700	990,700	-	-
2009	SPP	1259	Western Farmers Electric Cooperative	U.S.	406,552	406,552	-	-	75,156	75,156	-	-	331,396	331,396	-	-
2009	SPP	1501	West Texas Municipal Power Agency	U.S.	105,114	105,114	-		19,432	19,432	-	-	85,682	85,682	-	<u>-</u>
			TOTAL SPP		11,157,603	11,157,603	-	-	2,062,618	2,062,618	-	<u> </u>	9,094,985	9,094,985	-	<del>-</del>
2009	TRE	1019	ERCOT	U.S.	11,974,880	11,974,880	_	_	2,747,057	2,747,057	_	_	9,227,823	9,227,823	-	_
2000			2.1001	0.0.	11,974,880	11,974,880	-	-	2,747,057	2,747,057	-	-	9,227,823	9,227,823	-	
2009	WECC		Alberta Electric System Operator	Canada	2,779,541	-	2,779,541	-	521,236	-	521,236	-	2,258,305	-	2,258,305	-
2009	WECC		British Columbia Transmission Corporatic Comision Federal de Electricidad		3,519,662	-	3,519,662	- 624 217	699,689	-	699,689	124 001	2,819,973	-	2,819,973	- 500 126
2009 2009	WECC		Aguila Irrigation District	Mexico U.S.	624,217 1,539	1,539	-	624,217	124,091 253	253	-	124,091	500,126 1,286	1,286	-	500,126
2009	WECC		Aha Macav Power Service	U.S.	1,347	1,347	-	-	221	221	-	-	1,125	1,125	-	-
2009	WECC		Ajo Improvement District	U.S.	755	755	-	-	124	124	-	-	631	631	-	-
2009	WECC		Ak-Chin	U.S.	1,675	1,675	-	-	275	275	-	-	1,400	1,400	-	-
2009	WECC		ALCOA INC.	U.S.	134,934	134,934	-	-	22,158	22,158	-	-	112,776	112,776	-	-
2009 2009	WECC WECC		Arizona Public Service Company Arkansas River Power Authority (ARPA)	U.S. U.S.	1,666,570 13,414	1,666,570 13,414	-	-	273,675 2,203	273,675 2,203	-	-	1,392,895 11,211	1,392,895 11,211	-	-
2009	WECC		Arlington Valley	U.S.	64	64	-	-	2,203	2,203	-	-	54	54	-	-
2009	WECC		Avista Adjusted LSE NEL	U.S.	517,327	517,327	-	-	84,953	84,953	-	-	432,374	432,374	-	-
2009	WECC		AVISTA CORPORATION	U.S.	12,546	12,546	-	-	2,060	2,060	-	-	10,486	10,486	-	-
2009	WECC		Barrick Gold Strike	U.S.	68,045	68,045	-	-	11,174	11,174	-	-	56,871	56,871	-	-
2009	WECC		Basin Electric Power Cooperative	U.S.	166,149	166,149	-	-	27,284	27,284	-	-	138,865	138,865	-	-
2009 2009	WECC		Basin Electric Power Cooperative (WAU\ BENTON REA	U.S. U.S.	3,121 31,591	3,121 31,591	-	-	513 5,188	513 5,188	-	_	2,609 26,404	2,609 26,404	-	-
2009	WECC		Big Bend Electric Cooperative, Inc. (Avist		10,114	10,114	-	-	1,661	1,661	-	-	8,453	8,453	-	-
2009	WECC		BIG BEND ELECTRIC COOPERATIVE, I	U.S.	18,808	18,808	-	-	3,089	3,089	-	-	15,720	15,720	-	-
2009	WECC		BLACHLY-LANE ELECTRIC COOPERA*	U.S.	7,709	7,709	-	-	1,266	1,266	-	-	6,443	6,443	-	-
2009	WECC		Black Hills Power	U.S.	101,073	101,073	-	-	16,598	16,598	-	-	84,476	84,476	-	-
2009	WECC		Black Hills State University (State of SD)	U.S.	945	945	-	-	155	155	-	-	790	790	-	-
2009 2009	WECC		Black Hills Wyoming, Inc. Bonneville Power (NorthWestern Energy)	U.S. U.S.	242,160 1,679	242,160 1,679	-	-	39,766 276	39,766 276	-	_	202,394 1,403	202,394 1,403	-	-
2009	WECC		Bonneville Power (PUD No. 2)	U.S.	7,618	7,618	-	-	1,251	1,251	-	-	6,367	6,367	-	-
2009	WECC		Bonneville Power Administration (Avista)	U.S.	898	898	-	-	148	148	-	-	751	751	-	-
2009	WECC		Bonneville Power Adminstration	U.S.	206,831	206,831	-	-	33,965	33,965	-	-	172,866	172,866	-	-
2009	WECC		BPA	U.S.	10,640	10,640	-	-	1,747	1,747	-	-	8,893	8,893	-	-
2009	WECC		BPA - Power Business Line	U.S.	403	403	-	-	66	66	-	-	337	337	-	-
2009 2009	WECC		Buckeye Water Conservation and Draina California ISO	U.S. U.S.	971 12,581,844	971 12,581,844	-	-	159 2,066,123	159 2,066,123	-	-	812 10,515,721	812 10,515,721	-	-
2009	WECC		Canby Public Utility Board	U.S.	9,658	9,658	-	-	1,586	1,586	-	-	8,072	8,072	-	-
2009	WECC		Central Arizona Water Conservation Dist		143,483	143,483	-	-	23,562	23,562	-	-	119,921	119,921	-	-
2009	WECC		CENTRAL ELECTRIC COOPERATIVE, I		28,134	28,134	-	-	4,620	4,620	-	-	23,514	23,514	-	-
2009	WECC		CENTRAL LINCOLN PUD	U.S.	72,962	72,962	-	-	11,981	11,981	-	-	60,980	60,980	-	-
2009 2009	WECC		Central Montana CENTRAL MONTANA ELECTRIC POWE	U.S. U.S.	3,477	3,477	-	-	571 667	571 667	-	-	2,906	2,906	-	-
2009	WECC		CITY OF ALBION	U.S.	4,060 194	4,060 194	-	-	32	32	-	-	3,393 162	3,393 162	-	-
_000				0.0.	104	10-4			02	32			102	102		

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Data Year	Regional Entity ID	Entity	Country	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total
					•	Ganada Total	mexico rotai			Odridda Fotar	mexico i otal		•	Ounada Fotar	mexico rotar
2009 2009	WECC WECC	City of Aztec CITY OF BANDON	U.S. U.S.	2,076 3,655	2,076 3,655	-	-	341 600	341 600	-	-	1,735 3,055	1,735 3,055	-	-
2009	WECC	CITY OF BONNERS FERRY	U.S.	3,791	3,791	-	-	623	623	-	-	3,168	3,168	-	-
2009	WECC	City of Boulder	U.S.	9,664	9,664	-	-	1,587	1,587	-	-	8,077	8,077	-	-
2009	WECC	CITY OF BURLEY	U.S.	6,590	6,590	-	-	1,082	1,082	-	-	5,508	5,508	-	-
2009	WECC	City of Burlington	U.S.	1,661	1,661	-	-	273	273	-	-	1,388	1,388	-	-
2009	WECC	CITY OF CASCADE LOCKS	U.S.	1,170	1,170	-	-	192	192	-	-	978	978	-	-
2009 2009	WECC WECC	CITY OF CENTRALIA CITY OF CHENEY	U.S. U.S.	15,040 7,457	15,040 7,457	-	-	2,470 1,225	2,470 1,225	-	-	12,570 6,233	12,570 6,233	-	-
2009	WECC	CITY OF CHEWELAH	U.S.	1,341	1,341	-	-	220	220	_	_	1,121	1,121	-	-
2009	WECC	CITY OF DECLO	U.S.	162	162	-	-	27	27	-	-	136	136	-	-
2009	WECC	CITY OF DRAIN	U.S.	950	950	-	-	156	156	-	-	794	794	-	-
2009	WECC	CITY OF ELLENSBURG	U.S.	12,058	12,058	-	-	1,980	1,980	-	-	10,078	10,078	-	-
2009	WECC WECC	City of Fallon	U.S.	6,334	6,334	-	-	1,040	1,040	-	-	5,294	5,294	-	-
2009 2009	WECC	CITY OF FOREST GROVE City of Gallup	U.S. U.S.	13,439 12,316	13,439 12,316	-	-	2,207 2,022	2,207 2,022	-	-	11,232 10,294	11,232 10,294	-	-
2009	WECC	CITY OF HERMISTON DBA HERMISTON	U.S.	6,201	6,201	-	-	1,018	1,018	_	_	5,182	5,182	-	-
2009	WECC	CITY OF HEYBURN	U.S.	2,189	2,189	-	-	359	359	-	-	1,829	1,829	-	-
2009	WECC	City of Las Vegas	U.S.	470	470	-	-	77	77	-	-	393	393	-	-
2009	WECC	CITY OF MCCLEARY	U.S.	1,860	1,860	-	-	305	305	-	-	1,554	1,554	-	-
2009 2009	WECC WECC	CITY OF MCMINNVILLE CITY OF MILTON	U.S. U.S.	38,317 3,570	38,317 3,570	-	-	6,292 586	6,292 586	-	-	32,024 2,983	32,024 2,983	-	-
2009	WECC	CITY OF MILTON-FREEWATER	U.S.	6,474	6,474			1,063	1,063		-	5,410	5,410	-	-
2009	WECC	CITY OF MINIDOKA	U.S.	55	55	-	-	9	9	_	_	46	46	-	-
2009	WECC	CITY OF MONMOUTH	U.S.	3,946	3,946	-	-	648	648	-	-	3,298	3,298	-	-
2009	WECC	City of Needles	U.S.	2,138	2,138	-	-	351	351	-	-	1,787	1,787	-	-
2009	WECC	CITY OF PLUMMER	U.S.	1,893	1,893	-	-	311	311	-	-	1,583	1,583	-	-
2009 2009	WECC WECC	CITY OF PORT ANGELES	U.S. U.S.	37,625 35,526	37,625 35,526	-	-	6,179 5,834	6,179 5,834	-	-	31,447 29,692	31,447 29,692	-	-
2009	WECC	City of Redding CITY OF RICHLAND	U.S.	47,303	47,303	-	-	7,768	7,768	-	-	39,536	39,536	-	-
2009	WECC	City of Roseville	U.S.	68,937	68,937	-	-	11,320	11,320	-	-	57,616	57,616	-	-
2009	WECC	CITY OF RUPERT	U.S.	4,460	4,460	-	-	732	732	-	-	3,728	3,728	-	-
2009	WECC	City of Shasta Lake	U.S.	9,756	9,756	-	-	1,602	1,602	-	-	8,154	8,154	-	-
2009	WECC	CITY OF TACOMA DBA TACOMA POWE		21	21	-	-	3	3	-	-	18	18	-	-
2009	WECC WECC	CITY OF WEISER	U.S.	967	967	-	-	159 490	159 490	-	-	808	808	-	-
2009 2009	WECC	CITY OF WEISER City of Williams	U.S. U.S.	2,984 2,145	2,984 2,145	-	-	352	352	-	-	2,494 1,792	2,494 1,792	-	-
2009	WECC	CLARK PUBLIC UTILITIES	U.S.	248,749	248,749	-	-	40,848	40,848	_	_	207,901	207,901	-	-
2009	WECC	CLATSKANIE PUD	U.S.	53,031	53,031	-	-	8,709	8,709	-	-	44,323	44,323	-	-
2009	WECC	CLEARWATER COOPERATIVE, INC	U.S.	2,408	2,408	-	-	395	395	-	-	2,013	2,013	-	-
2009	WECC	Clearwater Power Company	U.S.	8,775	8,775	-	-	1,441	1,441	-	-	7,334	7,334	-	-
2009 2009	WECC WECC	Colorado River Agency-Bureau of Indian	U.S.	201	201	-	-	33	33	-	-	168	168	-	-
2009	WECC	Colorado River Commission Colorado Springs Utilities	U.S. U.S.	38,509 228,315	38,509 228,315	-	-	6,324 37,493	6,324 37,493	-	-	32,185 190,822	32,185 190,822	-	-
2009	WECC	COLUMBIA BASIN ELECTRIC COOPER		5,798	5,798	-	-	952	952	_	_	4,846	4,846	-	-
2009	WECC	COLUMBIA FALLS ALUMINUM COMPAI	U.S.	18,005	18,005	-	-	2,957	2,957	-	-	15,048	15,048	-	-
2009	WECC	COLUMBIA POWER COOPERATIVE AS		1,247	1,247	-	-	205	205	-	-	1,042	1,042	-	-
2009	WECC	COLUMBIA REA	U.S.	16,502	16,502	-	-	2,710	2,710	-	-	13,792	13,792	-	-
2009	WECC	COLUMBIA RIVER PUD (BPA)	U.S.	9,172	9,172	-	-	1,506	1,506	-	-	7,666	7,666	-	-
2009 2009	WECC WECC	Columbia River PUD (PGE) CONSOLIDATED IRRIGATION DISTRIC	U.S. U.S.	17,210 111	17,210 111	-	-	2,826 18	2,826 18	-	-	14,384 93	14,384 93	-	-
2009	WECC	Constellation New Energy, Inc.	U.S.	1,597	1,597	-	-	262	262	-	-	1,335	1,335	-	-
2009	WECC	CONSUMERS POWER, INC.	U.S.	22,998	22,998	-	-	3,777	3,777	-	-	19,221	19,221	-	-
2009	WECC	COOS-CURRY ELECTRIC COOPERATI		19,076	19,076	-	-	3,132	3,132	-	-	15,943	15,943	-	-
2009	WECC	Deseret Generation & Transmission Co-C		3,697	3,697	-	-	607	607	-	-	3,090	3,090	-	-
2009	WECC	Douglas - Palasades	U.S.	1,010	1,010	-	-	166	166	-	-	844	844	-	-
2009 2009	WECC WECC	DOUGLAS ELECTRIC COOPERATIVE, EAST END MUTUAL ELECTRIC COMP!	U.S. U.S.	5,248 1,219	5,248 1,219	-	-	862 200	862 200	-	-	4,386 1,019	4,386 1,019	-	
2009	WECC	El Paso Electric Company	U.S.	418,184	418,184	-	-	68,672	68,672	-	-	349,512	349,512	-	-
2009	WECC	Electrical District #2	U.S.	9,772	9,772	-	-	1,605	1,605	-	-	8,167	8,167	-	-

					Total ER	O Assessments (NE	RC, RE & WIRAB	Costs)		Total NERC A	ssessments		Total Regional Ent	ity Assessments	(Including WIRAB	Assessments)
Data Year	Regional Entity	ID	Entity	Country	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total
Ieai	Littity	ID.	Entity	Country	Total	03 Total	Canada Total	Wexico Total	Total	US TOTAL	Canada Totai	Wexico Total	Total	US TOTAL	Canada Total	Wexico Total
2009	WECC		Electrical District No. 6 of Pinal County	U.S.	65	65	-	-	11	11	-	-	54	54	-	-
2009	WECC		Electrical District No. 7 of Mariopa County		1,530	1,530	-	-	251	251	-	-	1,278	1,278	-	-
2009 2009	WECC		Electrical District No. 8 of Mariopa County Electrical Districts 1 & 3	U.S. U.S.	14,210 32,039	14,210 32,039	-	-	2,333 5,261	2,333 5,261	-	-	11,876 26,777	11,876 26,777	-	-
2009	WECC		ELMHURST MUTUAL POWER & LIGHT		15,397	15,397	-	-	2,528	2,528	-	-	12,869	12,869	_	-
2009	WECC		EMERALD PUD	U.S.	27,790	27,790	-	-	4,563	4,563	-	-	23,226	23,226	-	-
2009	WECC		ENERGY NORTHWEST	U.S.	2,991	2,991	-	-	491	491	-	-	2,500	2,500	-	-
2009 2009	WECC		EPCOR Merchant and Capital (US) Inc.	U.S. U.S.	3,877	3,877	-	-	637	637 22,238	-	-	3,240	3,240	-	-
2009	WECC		EUGENE WATER & ELECTRIC BOARD FARMERS ELECTRIC COMPANY, LTD.	U.S.	135,417 244	135,417 244	-	-	22,238 40	22,236 40	-	-	113,180 204	113,180 204	-	-
2009	WECC		Farmington Electric Utility System	U.S.	61,985	61,985	-	-	10,179	10,179	-	-	51,806	51,806	-	-
2009	WECC		FLATHEAD ELECTRIC COOPERATIVE,		76,836	76,836	-	-	12,618	12,618	-	-	64,219	64,219	-	-
2009	WECC		Fredonia, Town of	U.S.	75	75	-	-	12	12	-	-	62	62	-	-
2009 2009	WECC		GLACIER ELECTRIC COOPERATIVE, IN		9,877	9,877 12,656	-	-	1,622	1,622 2,078	-	-	8,255	8,255	-	-
2009	WECC		Grand Valley Grant LSE Load	U.S. U.S.	12,656 200,762	200,762	-	-	2,078 32,968	32,968	-	-	10,578 167,794	10,578 167,794	-	-
2009	WECC		Harney Electric Coop	U.S.	4,191	4,191	-	-	688	688	-	-	3,503	3,503	-	-
2009	WECC		HARNEY ELECTRIC COOPERATIVE, IN	U.S.	6,246	6,246	-	-	1,026	1,026	-	-	5,220	5,220	-	-
2009	WECC		Harquahala Valley Power District	U.S.	4,046	4,046	-	-	664	664	-	-	3,381	3,381	-	-
2009	WECC		HERMISTON POWER LLC	U.S.	138	138	-	-	23	23	-	-	115	115	-	-
2009 2009	WECC		Holy Cross HOOD RIVER ELECTRIC COOPERATIV	U.S. U.S.	53,687 2,228	53,687 2,228	_	-	8,816 366	8,816 366	-	-	44,871 1,862	44,871 1,862	-	-
2009	WECC		IDAHO COUNTY LIGHT AND POWER C		2,966	2,966	-	-	487	487	-	-	2,479	2,479	-	-
2009	WECC		Idaho Power	U.S.	1,963	1,963	-	-	322	322	-	-	1,640	1,640	-	-
2009	WECC		Imperial Irrigation District	U.S.	198,705	198,705	-	-	32,630	32,630	-	-	166,075	166,075	-	-
2009	WECC		Inland Power & Light Co.	U.S.	25,173	25,173	-	-	4,134	4,134	-	-	21,039	21,039	-	-
2009 2009	WECC		INLAND POWER AND LIGHT COMPAN' IPCO	U.S. U.S.	26,975	26,975	-	-	4,430	4,430 135,688	-	-	22,545	22,545	-	-
2009	WECC		IREA-Transmission	U.S. U.S.	826,282 109,947	826,282 109,947	-	-	135,688 18,055	18,055	-	-	690,595 91,892	690,595 91,892	-	-
2009	WECC		Kirtland Air Force Base	U.S.	23,773	23,773	-	-	3,904	3,904	-	-	19,869	19,869	-	-
2009	WECC		Kootenai Electric Cooperative, Inc.	U.S.	25,444	25,444	-	-	4,178	4,178	-	-	21,266	21,266	-	-
2009	WECC		LA Dept. of Water & Power	U.S.	1,585,358	1,585,358	-	-	260,339	260,339	-	-	1,325,019	1,325,019	-	-
2009	WECC		LAKEVIEW LIGHT & POWER	U.S.	15,655	15,655	-	-	2,571	2,571	-	-	13,085	13,085	-	-
2009 2009	WECC		LANE ELECTRIC COOPERATIVE, INC. Las Vegas Valley Water District (SB211)	U.S. U.S.	12,772 5,179	12,772 5,179	_	-	2,097 850	2,097 850	-	-	10,675 4,329	10,675 4,329	-	-
2009	WECC		Lincoln County Power District	U.S.	4,529	4,529	-	-	744	744	-	-	3,785	3,785	-	-
2009	WECC		LINCOLN ELECTRIC COOPERATIVE, IN		6,752	6,752	-	-	1,109	1,109	-	-	5,644	5,644	-	-
2009	WECC		Maricopa County Municipal Water Conse		2,640	2,640	-	-	434	434	-	-	2,207	2,207	-	-
2009	WECC		McMullen Valley Water Conservation & C		3,180	3,180	-	-	522	522	-	-	2,658	2,658	-	-
2009 2009	WECC WECC		Merced Irrigation District	U.S. U.S.	23,721 14,548	23,721 14,548	-	-	3,895 2,389	3,895 2,389	-	-	19,826 12,159	19,826 12,159	-	-
2009	WECC		Mesa, City of MIDSTATE ELECTRIC COOPERATIVE,	U.S.	21,694	21,694	-	-	3,562	3,562	-	-	18,131	18,131	-	-
2009	WECC		MISSION VALLEY POWER	U.S.	22,888	22,888	-	-	3,759	3,759	-	-	19,129	19,129	-	-
2009	WECC		MISSOULA ELECTRIC COOPERATIVE,	U.S.	12,399	12,399	-	-	2,036	2,036	-	-	10,363	10,363	-	-
2009	WECC		Modern Electric Water Co.	U.S.	13,119	13,119	-	-	2,154	2,154	-	-	10,964	10,964	-	-
2009	WECC		Modesto Irrigation District	U.S.	141,725	141,725	-	-	23,273	23,273	-	-	118,452	118,452	-	-
2009 2009	WECC		Montana Dakota Utilities (MDU)  Mt. Wheeler Power Inc.	U.S. U.S.	1,765 27,225	1,765 27,225	-	-	290 4,471	290 4,471	-	-	1,475 22,754	1,475 22,754	-	-
2009	WECC		Municipal Energy Agency of Nebraska	U.S.	37,165	37,165	-	-	6,103	6,103	-	-	31,062	31,062	-	-
2009	WECC		Municipal Energy Agency of Nebraska (N		18,986	18,986	-	-	3,118	3,118	-	-	15,869	15,869	-	-
2009	WECC		Navajo Tribal Utility Authority (APS)	U.S.	2,227	2,227	-	-	366	366	-	-	1,862	1,862	-	-
2009	WECC		Navajo Tribal Utility Authority (PSCofNM)		11,692	11,692	-	-	1,920	1,920	-	-	9,772	9,772	-	-
2009 2009	WECC		Navopache Electric Cooperative, Inc Nebraska Public Power Marketing	U.S. U.S.	25,652 192	25,652 192	-	-	4,212 32	4,212 32	-	-	21,440 160	21,440 160	-	-
2009	WECC		Needles Public Utilities Authority	U.S.	1,987	1,987	-	-	326 326	326	-	-	1,661	1,661	-	-
2009	WECC		NESPELEM VALLEY ELECTRIC COOPE		2,865	2,865	-	-	470	470	-	-	2,395	2,395	-	-
2009	WECC		Nevada Power Company	U.S.	1,195,274	1,195,274	-	-	196,282	196,282	-	-	998,993	998,993	-	-
2009	WECC		New Harquahala	U.S.	72	72	-	-	12	12	-	-	60	60	-	-
2009	WECC		Northern Lights Inc.	U.S.	1,494	1,494	-	-	245	245	-	-	1,249	1,249	-	-
2009	WECC		NORTHERN LIGHTS, INC.	U.S.	16,720	16,720	-	-	2,746	2,746	-	-	13,974	13,974	-	-

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					Total ERC	Assessments (NE	RC, RE & WIRAB	Costs)		Total NERC A	ssessments		Total Regional E	ntity Assessments	s (Including WIRA	3 Assessments)
Data	Regional															
Year	Entity	ID	Entity	Country	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total
2009	WECC		NORTHERN WASCO COUNTY PUD	U.S.	32,601	32,601	-	-	5,354	5,354	-	-	27,248	27,248	-	-
2009	WECC		NWMT	U.S.	16,478	16,478	-	-	2,706	2,706	-	-	13,772	13,772	-	-
2009 2009	WECC WECC		OHOP MUTUAL LIGHT COMPANY ORCAS POWER & LIGHT COOPERATI\	U.S. U.S.	4,856 11,709	4,856 11,709	-	-	797 1,923	797 1,923	-	-	4,059 9,786	4,059 9,786	-	-
2009	WECC		OREGON TRAIL ELECTRIC CONSUME	U.S.	36,582	36,582	-	-	6,007	6,007	-	-	30,575	30,575	-	-
2009	WECC		Overton Power District #5	U.S.	20,973	20,973	-	-	3,444	3,444	-	-	17,529	17,529	-	-
2009 2009	WECC WECC		PACIFICORP (BPA) PACIFICORP (PGE)	U.S. U.S.	839 174	839 174	-	-	138 29	138 29	-	-	701 145	701 145	-	-
2009	WECC		PACIFICORP(WAPA)	U.S.	11,237	11,237	-	-	1,845	1,845	-	-	9,392	9,392	-	-
2009	WECC		PacifiCorp (PACE)	U.S.	2,451,278	2,451,278	-	-	402,536	402,536	-	-	2,048,743	2,048,743	-	-
2009	WECC		PacifiCorp (PACW)	U.S.	1,167,633	1,167,633	-	-	191,742	191,742	-	-	975,890	975,890	-	-
2009 2009	WECC		Page Electric Utility PARKLAND LIGHT AND WATER COMP	U.S. U.S.	715 6,740	715 6,740	-	-	117 1,107	117 1,107	-	-	598 5,633	598 5,633	-	-
2009	WECC		PENINSULA LIGHT COMPANY, INC.	U.S.	34,023	34,023	-	-	5,587	5,587	-	-	28,436	28,436	-	-
2009	WECC		Platte River Power Authority	U.S.	171,628	171,628	-	-	28,184	28,184	-	-	143,444	143,444	-	-
2009	WECC WECC		PORT TOWNSEND PAPER CORPORAT		10,707	10,707	-	-	1,758	1,758	-	-	8,949	8,949	-	-
2009 2009	WECC		Portland General Electric Company Public Service Company of Colorado	U.S. U.S.	986,530 1,575,010	986,530 1,575,010	-	-	162,003 258,640	162,003 258,640	-	-	824,527 1,316,371	824,527 1,316,371	-	-
2009	WECC		Public Service Company of Colorado (Xc		1,769	1,769	-	-	290	290	-	-	1,478	1,478	-	-
2009	WECC		Public Service Company of New Mexico	U.S.	554,132	554,132	-	-	90,997	90,997	-	-	463,136	463,136	-	-
2009 2009	WECC WECC		PUD NO 1 OF DOUGLAS COUNTY PUD NO. 1 OF ASOTIN COUNTY	U.S. U.S.	481 285	481 285	-	-	79 47	79 47	-	-	402 238	402 238	-	-
2009	WECC		PUD NO. 1 OF BENTON COUNTY	U.S.	96,661	96,661	-	-	15,873	15,873	-	- -	80,788	80,788	-	-
2009	WECC		PUD No. 1 of Chelan County	U.S.	176,730	176,730	-	-	29,022	29,022	-	-	147,708	147,708	-	-
2009	WECC		PUD NO. 1 OF CLALLAM COUNTY	U.S.	37,251	37,251	-	-	6,117	6,117	-	-	31,134	31,134	-	-
2009	WECC WECC		PUD NO. 1 OF COWLITZ COUNTY PUD No. 1 of Douglas County	U.S. U.S.	266,546	266,546	-	-	43,771 13,236	43,771	-	-	222,775	222,775	-	-
2009 2009	WECC		PUD NO. 1 OF FERRY COUNTY	U.S.	80,600 5,389	80,600 5,389	-	-	13,236	13,236 885	-	-	67,364 4,504	67,364 4,504	-	-
2009	WECC		PUD NO. 1 OF FRANKLIN COUNTY	U.S.	54,337	54,337	-	-	8,923	8,923	-	-	45,414	45,414	-	-
2009	WECC		PUD NO. 1 OF GRAYS HARBOR	U.S.	59,969	59,969	-	-	9,848	9,848	-	-	50,121	50,121	-	-
2009 2009	WECC		PUD NO. 1 OF KITTITAS COUNTY PUD NO. 1 OF KLICKITAT COUNTY	U.S. U.S.	2,979 16,307	2,979 16,307	-	-	489 2,678	489 2,678	-	-	2,490 13,629	2,490 13,629	-	-
2009	WECC		PUD NO. 1 OF LEWIS COUNTY	U.S.	52,485	52,485	-	-	2,678 8,619	2,678 8,619	-	-	43,866	43,866	-	-
2009	WECC		PUD NO. 1 OF MASON COUNTY	U.S.	4,347	4,347	-	-	714	714	-	-	3,633	3,633	-	-
2009	WECC		PUD No. 1 of Pend Oreille County	U.S.	52,580	52,580	-	-	8,634	8,634	-	-	43,946	43,946	-	-
2009 2009	WECC WECC		PUD NO. 1 OF SKAMANIA COUNTY PUD NO. 1 OF SNOHOMISH COUNTY	U.S. U.S.	7,531 387,522	7,531 387,522	-	-	1,237 63,637	1,237 63,637	-	-	6,294 323,885	6,294 323,885	-	-
2009	WECC		PUD NO. 1 OF WAHKIAKUM COUNTY	U.S.	2,421	2,421	-	-	398	398	-	-	2,023	2,023	-	-
2009	WECC		PUD NO. 1 OF WHATCOM COUNTY	U.S.	12,149	12,149	-	-	1,995	1,995	-	-	10,154	10,154	-	-
2009	WECC		PUD NO. 2 OF GRANT COUNTY (Avista		4,907	4,907	-	-	806	806	-	-	4,102	4,102	-	-
2009 2009	WECC WECC		PUD NO. 2 OF GRANT COUNTY (BPA) PUD NO. 2 OF PACIFIC COUNTY	U.S. U.S.	2,659 16,979	2,659 16,979	-	-	437 2,788	437 2,788	-	-	2,223 14,190	2,223 14,190	-	-
2009	WECC		PUD NO. 3 OF MASON COUNTY	U.S.	37,996	37,996	-	-	6,239	6,239		-	31,756	31,756	_	-
2009	WECC		Puget Sound Energy	U.S.	1,381,617	1,381,617	-	-	226,882	226,882	-	-	1,154,735	1,154,735	-	-
2009	WECC		RAFT RIVER RURAL ELECTRIC COOPI		12,020	12,020	-	-	1,974	1,974	-	-	10,046	10,046	-	-
2009 2009	WECC WECC		RAVALLI COUNTY ELECTRIC COOPER RBS Sempra Energy Solutions	U.S. U.S.	8,551 102,258	8,551 102,258	-	-	1,404 16,792	1,404 16,792	-	-	7,147 85,465	7,147 85,465	-	-
2009	WECC		RIVERSIDE ELECTRIC COMPANY, LTD		1,089	1,089	-	-	179	179	-	-	910	910	-	-
2009	WECC		Rocky Mountain Generation Cooperative		2,160	2,160	-	-	355	355	-	-	1,805	1,805	-	-
2009	WECC		Roosevelt Irrigation District	U.S.	1,620	1,620	-	-	266	266	-	-	1,354	1,354	-	-
2009 2009	WECC WECC		SALEM ELECTRIC Salt River Project (SRP)	U.S. U.S.	18,248 1,521,434	18,248 1,521,434	-	-	2,997 249,842	2,997 249,842	-	-	15,251 1,271,592	15,251 1,271,592	-	-
2009	WECC		San Carlos Indian Irrigation Project	U.S.	8	8	-	-	1	1	-	-	1,271,532	1,271,532	-	-
2009	WECC		Seattle City Light	U.S.	551,754	551,754	-	-	90,606	90,606	-	-	461,148	461,148	-	-
2009	WECC		Sierra Pacific Power Company	U.S.	472,920	472,920	-	-	77,660	77,660	-	-	395,259	395,259	-	-
2009 2009	WECC WECC		SMGT / BPA SMUD	U.S. U.S.	869 621,214	869 621,214	-	-	143 102,012	143 102,012	-	-	727 519,201	727 519,201	-	-
2009	WECC		SOUTH SIDE ELECTRIC, INC.	U.S.	2,974	2,974	-	-	488	488	-	-	2,486	2,486	-	-
2009	WECC		Southern Montana	U.S.	37,646	37,646	-	-	6,182	6,182	-	-	31,464	31,464	-	-
2009	WECC		Southern Nevada Water Authority	U.S.	44,586	44,586	-	-	7,322	7,322	-	-	37,264	37,264	-	-

Miles						Total ERO Assessments (NERC, RE & WIRAB Costs)											
The color   The						Total ERC	O Assessments (NE	RC, RE & WIRAB	Costs)		Total NERC A	ssessments		Total Regional E	ntity Assessment	s (Including WIRA	B Assessments)
Temp   Fig.																	
March   Marc																	
MICC   Schriften Transition Courselies   U.S.   17,215   17,255   17,256   17,255   17,256   17,255   17,256   17,255   17,256   17,255   17,256   17,255   17,256   17,257																	
WINCE   SPRINGFILLD LITERY DOADS   U.S.   46,284   4.244   7,262   7,002   7	Year	Entity	ID	Entity	Country	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total
MINISTED	2000	WECC		Southwest Transmission Cooperative Inc	, 110	147 215	147 215			24 175	24 175			122.040	122 040		
WINCE   SURPRESEVALEY   LECEMENDAME   U.S.   1,379   1,979								-	-			-	-			-	-
WebC    Team Pewer   U.S.   271,338   271,338   3.44,856   3.72,382   272,782   272,								_	-			-	_			-	_
WECC								-	-			-	_			-	-
WECC   TORNO O'CRITICATION   U.S.   3,536   3,536   597   997   3,039   3,039   4,000   1,024   1,02	2009	WECC		The Incorporated County of Los Alamos	U.S.	20,922	20,922	-	-	3,436	3,436	-	-	17,486	17,486	-	-
MCCC   Tompsh Introduction Center   U.S.   1,228   1,228   1,228   2,300   MCCC   Tomal NAME Land Gener   U.S.   481,502   481,502   1,004	2009	WECC		TILLAMOOK PUD	U.S.	19,160	19,160	-	-	3,146	3,146	-	-	16,014	16,014	-	-
WECC   Tolin NAME Linad Owner   U.S.   481,502   481,5	2009	WECC		Tohono O'Odham Utility Authority	U.S.	3,636	3,636	-	-	597	597	-	-	3,039	3,039	-	-
WECC   TOWN OF COULE DAM   U.S.   681   681   108   108   552	2009	WECC		Tonopah Irrigation District	U.S.	1,226	1,226	-	-	201	201	-	-	1,024	1,024	-	-
WECC   TOWN OF CATHONILE   U.S.   1,335   1,035   1,035   1,035   1,035   1,035   1,035   1,035   1,035   1,035   1,035   1,034   1,	2009	WECC		Total NWMT Load Owner	U.S.	481,502	481,502	-	-	79,070	79,070	-	-	402,432	402,432	-	-
WECC   TOWN OF ESTREACOM   U.S.   1,584   1,	2009	WECC		Town of Center-Transmission	U.S.	661	661	-	-	108	108	-	-	552	552	-	-
WECC								-	-			-	-			-	-
WECC   Tissue of A Transcription   U.S.   1,579   1,579   1,579   1,579   1,579   1,579   1,579   1,579   1,579   1,579   1,570   1,580   1,								-	-			-	-			-	-
WECC				TOWN OF STEILACOOM				-	-			-	-			-	-
WECC				Town of Wickenburg				-	-			-	-			-	-
WECC   Tristate Generation and Transmission A   U.S.   309,417   309,417   59,186   59,186   301,222   301,232   301,202   301,000   WECC   Tristake Generation and Transmission A   U.S.   131,476   51,259   1,338   1,338   6,812   6,812   3,000   WECC   Truckee Donner Public Ullily District   U.S.   738,070   736,070   120,873   120,873   615,196   6,812   6,812   3,000   WECC   U.S. Arry Yuma Proving Ground   U.S.   111,952   111				Tri State G & T Assoc., Inc			105,976	-	-			-	-	88,573		-	-
WECC   Truckee Denner Fublish Uniform Publish Uniform Publis								-	-			-	-			-	-
WECC   Truckee Donner Public Utility District   U.S.   8,150   8,150   1,338   1,338   1,338   6,612   6,812   6,812   6,909   WECC   Trucket Ingalation District   U.S.   736,070   736,070   128,873   10,384   18,384   83,968   33,568   3,568								-	-			-	-			-	-
								-	-			-	-			-	-
								-	-			-	-			-	-
2009   WECC   U.S. Anny Yuma Proving Ground   U.S.   1,066   1,066   1,066   1,75   175   175   175   179								-	-			-	-			-	-
2009   WECC   U.S. BOIA WAPATO IRRIGATION PROM   U.S. 932   932								-	-			-	-			-	-
2009   WECC   U.S. BOR EAST GREENACRES (RATHER   U.S. 291   291   9   48   48   9   243   243   249   2009   WECC   U.S. DOR NATCONAL ENERGY TECHNOLOGY   U.S. 210   210   9   35   35   176   176   176   176   2009   WECC   U.S. DOR RICHIAND OPERATIONS OF U.S. 210   210   210   9   35   35   176   176   176   2009   WECC   U.S. A.F. GRASE FARCHILD   U.S. 3,026   3,026   497   497   9   2,529								-	-			-	-			-	-
2009   WECC   U.S. DOR NATONAL ENREGY TECHN\$   U.S.   1270   210   35   35   176   156   156   2009   WECC   U.S. DOR NATONAL ENREGY TECHN\$   U.S.   210   210   35   35   176   176   176   2009   WECC   U.S. DOR RICHLAND OPERATIONS OF   U.S.   10,283   10,283   10,283   10,283   1,884   1,844   1,84								-	-			-	-			-	-
2009   WECC   U.S. DOE NOTHONAL DETROTYTECHNO   U.S.   210   210   -   35   35   -   176   176   -   2009   WECC   U.S. DOE RICHLAND OPERATIONS   U.S.   3,026   3,026   -   497   497   -   2,529   2,529   -								-	-			-	-			-	-
2009   WECC   U.S. DOE RICHLAND OPERATIONS OF U.S.   10.253   10.253   .   1.864   1.684   .   8.669   8.669   .     2009   WECC   U.S.A. F. ABASE, FARCHILD   U.S.   3.026   3.026   .   497   497   .   2.252   2.252   .   2009   WECC   U.S.N. SUBMARINE BASE, BANGOR   U.S.   3.706   9.706   .   1.504   1.594   .   8.112   8.112   .   2009   WECC   U.S.N. NAVAL STATION, BERMERTON   U.S.   3.531   13.531   .   2.222   2.222   .   .   11.309   11.309   .   2009   WECC   U.S.N. NAVAL STATION, EVERETT   U.S.   5.765   .   126   126   126   .   640   640   .   2009   WECC   UMATILLA ELECTRIC COOPERATIVE / U.S.   51.962   51.962   .   8.533   8.533   .   43.429   43.429   .   2009   WECC   United Electric Cooperative, Inc.   U.S.   1.2231   12.231   .   2.009   2.009   .   10.223   10.223   .   2009   WECC   United Electric Cooperative, Inc.   U.S.   12.918   12.918   .   2.121   2.121   .   10.796   10.796   10.796   .   2009   WECC   Vallow Electric Association   U.S.   2.231   2.231   .   8.918   .   2.121   2.121   .   10.796   10.796   10.796   .   2009   WECC   WASCO Electric Cooperative, Inc.   U.S.   8.918   8.918   .   1.464   1.464   .   7.453   7.453   .   2009   WECC   WASCO Electric Cooperative, Inc.   U.S.   5.231   5.231   .   859   859   .   4.372   4.372   .   2009   WECC   Wels REA   U.S.   11.189   11.189   .   1.189   .   1.837   1.837   .   9.352   9.352   .   2009   WECC   Wels REA   U.S.   3.5469   3.5469   .   5.5825   5.825   .   2.9645   2.9645   .   2009   WECC   Western Alva Power Administration - CR   U.S.   3.852   3.852   .   1.265   .   1.265   .   1.265   .   2009   WECC   Western Area Power Administration - U.S.   2.3859   2.2389   .   2009   WECC   Western Area Power Administration - U.S.   2.2385   2.2389   .   2009   WECC   Western Area Power Administration - U.S.   2.2385   2.2385   2.2385   .   2009   WECC   Western Area Power Administration - U.S.   2.2385   2.2385   2.2385   .   2009   WECC   Western Area Power Administration - U.S.   2.2385   2.2385   2.2385   .   2009   WECC								-	-			-	-			-	-
2009   WECC   U.S.A.F. BASE, FAIRCHILD   U.S.   3,026   3,026   3,026   - 497   497   - 2,529   2,529   - 2,009   WECC   U.S.N. SUBMARNE BASE, BANGOR   U.S.   3,531   13,531   - 2,222   2,222   - 11,309   11,309   - 1,309								-	-			-	-			-	-
2009 WECC   U.S.N. SUBMARNE BASE, BANCOR   U.S.   9,706   9,706   1,594   1,594   2,222   2,222   2,222   2,133   13,099   11,309   11,3								-	-			-	-			-	-
2009 WECC   U.S.N. NAVAL STATION, BEMERTON   U.S.   13.531   13.				,		- ,	- ,	-	-			-	-	,	,	-	-
2009   WECC   U.S.N. NAVAL STATION, EVERETT   U.S.   765   765   765   -   126   126   -   640   640   -								-	-			-	-			-	-
2009 WECC   UMATILLA ELECTRIC COOPERATIVE   U.S.   51,962   51,962   -   8,533   8,533   -   43,429   43,429   -								-	-			-	-			-	-
2009 WECC   United Electric Cooperative, Inc.   U.S.   1   1   1   2,009   2,009   2,009   3								-	-			-	-			-	-
2009 WECC   United Electric Cooperative, Inc.   U.S.   12,231						51,962		-	-			-	-		43,429	-	-
2009 WECC   Valley Electric Association   U.S.   25,021   25,021   25,021   -   4,109   4,109   -   20,912   20,912   -   20,912   20,913   20,91				•		1 10 001	-	-	-			-	-		1	-	-
2009   WECC   Vera Water and Power   U.S.   12,918   12				•				-	-			-	-			-	-
2009 WECC   Vigilante Electric Cooperative, Inc.   U.S.   8,918   8,918   5,231   5,				-				-	-	·		-	-			-	-
2009         WECC         WASCO Electric Cooperative         U.S.         5,231         5,231         5,231         -         859         859         -         4,372         4,372         -           2009         WECC         WAUW         U.S.         12,346         12,346         -         2,027         -         -         10,319         10,319         -           2009         WECC         Wells REA         U.S.         11,189						,	,	-	-	,	,	-	-	-,	-,	-	-
2009         WECC         WAUW         U.S.         12,346         12,346         -         -         2,027         2,027         -         -         10,319         10,319         -           2009         WECC         Wells REA         U.S.         11,189         11,189         -         -         1,837         1,837         -         -         9,352         -           2009         WECC         Wells Rural Electric Coop         U.S.         35,469         35,469         -         -         5,825         -         -         29,645         29,645         -           2009         WECC         Wellon-Mohawk Irrigation & Drainage Div         U.S.         3400         400         -         -         66         66         -         -         335         335         -           2009         WECC         Western Gregoria Electric Cooperative, Inc         U.S.         3,852         3,852         3,852         -         -         632         632         -         -         3,219         3,219         -         -         2009         WECC         Western Area Power Administration - U.S.         10,593         10,593         -         -         11,709         1,739         1,739								-	-			-				-	-
2009         WECC         Wells REA         U.S.         11,189         11,189         -         -         1,837         -         -         9,352         9,352         -           2009         WECC         Wells Rural Electric Coop         U.S.         35,469         35,469         -         -         5,825         5,825         -         -         29,645         29,645         -         -         29,645         29,645         -         -         29,645         29,645         -         -         29,645         29,645         -         -         29,645         29,645         -         -         29,645         29,645         -         -         29,645         -         -         335         -         -         -         66         66         66         66         -         -         3,219         3,219         -         -         2009         WECC         Western (WAPA-Sierra Nevada Region)         U.S.         76,761         76,761         76,761         76,761         76,761         76,761         76,761         76,761         76,761         76,761         76,761         76,761         76,761         76,761         76,761         76,761         76,761         76,761         76,761												-				-	_
2009         WECC         Wells Rural Electric Coop         U.S.         35,469         35,469         -         -         5,825         5,825         -         -         29,645         29,645         -           2009         WECC         Wellton-Mohawk Irrigation & Drainage Dit         U.S.         400         400         -         -         66         66         -         -         335         335         -           2009         WECC         Western Gregoria Electric Cooperative, Inc         U.S.         3,852         3,852         -         -         632         632         -         -         3,219         3,219         -           2009         WECC         Western (WAPA-Sierra Nevada Region)         U.S.         10,593         10,593         -         -         12,605         12,605         -         -         64,156         -           2009         WECC         Western Area Power Administration - CR         U.S.         60,834         60,834         -         -         9,990         9,990         -         -         50,844         50,844         -           2009         WECC         Western Area Power Administration - Det         U.S.         123,895         123,895         - <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td>-</td><td></td><td></td><td>-</td><td>-</td><td></td><td></td><td>-</td><td>-</td></td<>								-	-			-	-			-	-
2009         WECC         Wellton-Mohawk Irrigation & Drainage Dit         U.S.         400         400         -         -         66         66         -         -         335         335         -           2009         WECC         Western (WAPA-Sierra Nevada Region)         U.S.         3,852         3,852         -         -         632         632         -         -         3,219         3,219         -           2009         WECC         Western (WAPA-Sierra Nevada Region)         U.S.         76,761         76,761         -         -         12,605         12,605         -         -         64,156         -           2009         WECC         Western Area Power         U.S.         10,593         10,593         -         -         1,739         1,739         -         -         64,156         64,156         -           2009         WECC         Western Area Power Administration - CR         U.S.         60,834         60,834         -         -         9,990         9,990         -         -         50,844         60,844         -           2009         WECC         Western Area Power Administration - Det         U.S.         123,895         123,895         -         -										·		-				-	_
2009         WECC         West Oregon Electric Cooperative, Inc.         U.S.         3,852         3,852         3,852         -         -         632         632         -         -         3,219         3,219         -           2009         WECC         Western (WAPA-Sierra Nevada Region)         U.S.         76,761         76,761         -         -         12,605         12,605         -         -         64,156         64,156         -           2009         WECC         Western Area Power Administration - CR         U.S.         10,993         10,593         -         -         17,739         1,739         -         -         50,844         50,844         -           2009         WECC         Western Area Power Administration - CR         U.S.         60,834         60,834         -         -         9,990         9,990         -         -         50,844         50,844         -           2009         WECC         Western Area Power Administration - Der         U.S.         123,895         123,895         -         -         20,345         20,345         -         -         103,550         135,550         -           2009         WECC         Western Area Power Administration - LAI         U.S.								-	-			-	-			-	_
2009         WECC         Western (WAPA-Sierra Nevada Region)         U.S.         76,761 </td <td></td> <td></td> <td></td> <td>=</td> <td></td> <td></td> <td></td> <td>-</td> <td>-</td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td>-</td> <td>_</td>				=				-	-			-				-	_
2009         WECC         Western Area Power         U.S.         10,593         10,593         10,593         -         -         1,739         1,739         -         -         8,853         8,853         -           2009         WECC         Western Area Power Administration - CR         U.S.         60,834         60,834         -         -         9,990         9,990         -         -         50,844         50,844         -           2009         WECC         Western Area Power Administration - Dei         U.S.         123,895         123,895         -         -         20,345         20,345         -         -         103,550         103,550         -           2009         WECC         Western Area Power Administration - LAI         U.S.         84,471         84,471         -         -         13,871         13,871         -         -         70,600         70,600         -           2009         WECC         Western Area Power Administration         U.S.         26,789         26,789         -         -         4,399         4,399         -         -         22,390         22,390         -           2009         WECC         Wyming Municipal Power Agency         U.S.         10,777								-	-			-	-			-	-
2009         WECC         Western Area Power Administration - CR         U.S.         60,834         60,834         -         -         9,990         9,990         -         -         50,844         50,844         -           2009         WECC         Western Area Power Administration - Dei         U.S.         123,895         123,895         -         -         20,345         20,345         -         -         103,550         103,550         -           2009         WECC         Western Area Power Administration - LAI         U.S.         84,471         84,471         -         -         13,871         13,871         -         -         70,600         70,600         70,600         -           2009         WECC         Western Area Power Administration - LAI         U.S.         26,789         26,789         -         -         4,399         4,399         -         -         22,390         22,390         -           2009         WECC         Wyoming Municipal Power Agency         U.S.         10,777         10,777         -         -         1,770         1,770         -         -         9,008         -         9,008         -           2009         WECC         Yuma Irrigation District         U.S				,				-	-	·		-	_			-	_
2009         WECC         Western Area Power Administration - Del         U.S.         123,895         123,895         -         -         20,345         20,345         -         -         103,550         -           2009         WECC         Western Area Power Administration - LAI         U.S.         84,471         84,471         -         -         13,871         13,871         -         -         70,600         70,600         -           2009         WECC         Western Area Power Administration - LAI         U.S.         26,789         26,789         -         -         4,999         4,399         -         -         22,390         22,390         -           2009         WECC         Wyoming Municipal Power Agency         U.S.         10,777         10,777         -         -         1,770         1,770         -         -         9,008         -           2009         WECC         Yampa Valley         U.S.         32,786         32,786         -         -         5,384         5,384         -         -         27,402         27,402         -           2009         WECC         Yuma Irrigation District         U.S.         165         165         -         -         27 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>_</td><td>-</td><td></td><td></td><td>_</td><td>_</td><td></td><td></td><td>-</td><td>_</td></t<>								_	-			_	_			-	_
2009         WECC         Western Area Power Administration - LAI         U.S.         84,471         84,471         -         -         13,871         -         -         70,600         70,600         -           2009         WECC         Western Area Power Administration         U.S.         26,789         26,789         -         -         4,399         -         -         22,390         22,390         -           2009         WECC         Wyoming Municipal Power Agency         U.S.         10,777         -         -         1,770         1,770         -         -         9,008         9,008         -           2009         WECC         Yampa Valley         U.S.         32,786         32,786         -         -         5,384         5,384         -         -         27,402         27,402         -           2009         WECC         Yuma Irrigation District         U.S.         165         165         -         -         27         27         -         -         138         138         -								-	-			_	_			-	_
2009         WECC         Western Area Power Administration         U.S.         26,789         26,789         -         4,399         4,399         -         -         22,390         22,390         -           2009         WECC         Wyoming Municipal Power Agency         U.S.         10,777         10,777         -         -         1,770         1,770         -         -         9,008         9,008         -           2009         WECC         Yampa Valley         U.S.         32,786         32,786         -         -         5,384         5,384         -         -         27,402         27,402         -           2009         WECC         Yuma Irrigation District         U.S.         165         165         -         -         27         27         -         -         138         138         -								_	-			_	_			-	_
2009         WECC         Wyoming Municipal Power Agency         U.S.         10,777         10,777         -         -         1,770         -         -         9,008         9,008         -           2009         WECC         Yampa Valley         U.S.         32,786         32,786         -         -         5,384         5,384         -         -         27,402         -           2009         WECC         Yuma Irrigation District         U.S.         165         165         -         -         27         27         -         -         138         138         -								-	-			_	_			-	_
2009     WECC     Yampa Valley     U.S.     32,786     32,786     -     -     5,384     5,384     -     -     27,402     -       2009     WECC     Yuma Irrigation District     U.S.     165     165     -     -     27     27     -     -     138     138     -								-	-	·		_	_			-	_
2009 WECC Yuma Irrigation District U.S. 165 165 27 27 138 138 -								-	-			-	_			-	_
								-	-			-	_			-	_
2009 WECC Yuma-Mesa Irrigation District U.S. 9 9 2 2 8 8 -	2009	WECC		Yuma-Mesa Irrigation District	U.S.	9	9	-	-	2	2	-	-	8	8	-	-
TOTAL WECC 45,996,237 39,072,817 6,299,203 624,217 7,761,345 6,416,329 1,220,925 124,091 38,234,892 32,656,488 5,078,278						45,996,237	39,072,817	6,299,203	624,217	7,761,345	6,416,329	1,220,925	124,091	38,234,892	32,656,488	5,078,278	500,126

				ſ												
					Total ER	Assessments (NE	RC, RE & WIRAB	Costs)		Total NERC A	ssessments		Total Regional E	ntity Assessments	(Including WIRA	B Assessments)
Data Year	Regional Entity	ID	Entity	Country	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total
	TOTAL ERC	)			147,020,191	129,661,562	16,734,412	624,217	41,106,967	35,989,995	4,992,881	124,091	105,913,224	93,671,567	11,741,531	500,126
Summa	ry by Region	al Entity														
2009	FRCC				7,112,141	7,112,141	-	-	2,145,081	2,145,081	-	-	4,967,060	4,967,060	-	-
2009	MRO				11,046,138	9,073,289	1,972,849	-	2,785,636	2,220,953	564,683	-	8,260,502	6,852,336	1,408,166	-
2009	NPCC				18,576,576	10,114,216	8,462,360	-	5,923,966	2,716,692	3,207,274	-	12,652,610	7,397,523	5,255,087	-
2009	RFC				21,207,566	21,207,566	-	-	8,403,722	8,403,722	-	-	12,803,844	12,803,844	-	-
2009	SERC				19,949,050	19,949,050	-	-	9,277,542	9,277,542	-	-	10,671,508	10,671,508	-	-
2009	SPP				11,157,603	11,157,603	-	-	2,062,618	2,062,618	-	-	9,094,985	9,094,985	-	-
2009	TRE				11,974,880	11,974,880	-	-	2,747,057	2,747,057	-	-	9,227,823	9,227,823	-	-
2009	WECC				45,996,237	39,072,817	6,299,203	624,217	7,761,345	6,416,329	1,220,925	124,091	38,234,892	32,656,488	5,078,278	500,126
Total					147,020,191	129,661,562	16,734,412	624,217	41,106,967	35,989,995	4,992,881	124,091	105,913,224	93,671,567	11,741,531	500,126

				Total NERC Ass	essments			NERC NEL Ass	essments		Penalty Sar	ections	NERC Complianc	ce Assessments (e	x. IESO & New Bru	nswick)	NERC Complian	nce Assessments (	(ex.Quebec & AE	ESO)	NERC II	OC Assessments	
Data Regional Year Entity	ID Entity	Country	Total	US Total	Canada Total Me	kico Total	Total	US Total	Canada Total	Mexico Total	Total	US Total	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total	Total	US Total Car	nada Total
2009 FRCC 2009 FRCC	1074 Alachua, City of 1075 Bartow, City of	U.S. U.S.	1,154 2,852	1,154 2,852	:	:	685 1,692	685 1,692		:	(322) (796)	(322) (796)	442 1,091	442 1,091	:	:	283 700	283 700			67 165	67 165	:
2009 FRCC	1076 Chattahoochee, City of	U.S.	412	412	-	-	245	245	-		(115)	(115)	158	158	-	-	101	101		-	24	24	-
2009 FRCC 2009 FRCC	1077 Florida Keys Electric Cooperative Assn 1078 Florida Power & Light Co.	U.S. U.S.	6,469 1,041,780	6,469 1,041,780	-		3,839 618,150	3,839 618,150			(1,806) (290,828)	(1,806) (290,828)	2,475 398,626	2,475 398,626		-	1,587 255,588	1,587 255,588			374 60,245	374 60,245	-
2009 FRCC 2009 FRCC	1079 Florida Public Utilities Company 1080 Gainesville Regional Utilities	U.S. U.S.	3,833 17,781	3,833 17.781	-	-	2,275 10.550	2,275 10.550			(1,070) (4,964)	(1,070) (4,964)	1,467 6.804	1,467 6.804		-	940 4.362	940 4.362			222 1.028	222 1.028	
2009 FRCC 2009 FRCC	1081 Homestead, City of 1082 JEA	U.S. U.S.	4,587 120,586	4,587 120.586	-	-	2,722 71.551	2,722 71.551	-	-	(1,281)	(1,281) (33,663)	1,755 46.141	1,755 46,141	-	-	1,125 29.584	1,125 29.584	-	-	265 6.973	265 6.973	-
2009 FRCC	1083 Lakeland Electric	U.S.	28,298	28,298	-	-	16,791	16,791			(7,900)	(7,900)	10,828	10,828		-	6,943	6,943			1,636	1,636	
2009 FRCC 2009 FRCC	1084 Mount Dora, City of 1085 New Smyrna Beach, Utilities Commission	U.S. U.S.	898 3,679	898 3,679	-	-	533 2,183	533 2,183			(251) (1,027)	(251) (1,027)	343 1,408	343 1,408		-	220 903	220 903			52 213	52 213	
2009 FRCC	1086 Orlando Utilities Commission 1087 Progress Energy Florida	U.S.	53,466	53,466	-	-	31,724	31,724	-	-	(14,926)	(14,926)	20,458	20,458	-	-	13,117	13,117	-	-	3,092	3,092	-
2009 FRCC 2009 FRCC	1087 Progress Energy Florida 1088 Quincy, City of	U.S. U.S.	394,121 1,369	394,121 1,369		-	233,855 812	233,855 812			(110,025) (382)	(110,025) (382)	150,806 524	150,806 524		- :	96,693 336	96,693 336			22,791 79	22,791 79	
2009 FRCC 2009 FRCC	1089 Reedy Creek Improvement District 1090 St. Cloud, City of (OUC)	U.S. U.S.	11,624 5.675	11,624 5,675	-	-	6,897 3.367	6,897 3,367			(3,245) (1,584)	(3,245) (1,584)	4,448 2.171	4,448 2.171		-	2,852 1,392	2,852 1,392		-	672 328	672 328	
2009 FRCC	1091 Tallahassee, City of	U.S.	26,529	26,529	-	-	15,742	15,742			(7,406)	(7,406)	10,151	10,151		-	6,509	6,509		-	1,534	1,534	
2009 FRCC 2009 FRCC	1092 Tampa Electric Company 1603 Vero Beach, City of	U.S. U.S.	186,803 7,122	186,803 7,122	-		110,842 4,226	110,842 4,226			(52,149) (1,988)	(52,149) (1,988)	71,478 2,725	71,478 2,725		-	45,830 1,747	45,830 1,747			10,803 412	10,803 412	-
2009 FRCC 2009 FRCC	1093 Wauchula, City of 1094 Williston, City of	U.S. U.S.	638 333	638 333	-	-	379 198	379 198			(178) (93)	(178) (93)	244 127	244 127		-	157 82	157 82		-	37 19	37 19	
2009 FRCC	1095 Winter Park, City of	U.S.	4,309	4,309	-	-	2,557	2,557			(1,203)	(1,203)	1,649	1,649		-	1,057	1,057		-	249	249	
2009 FRCC 2009 FRCC	1072 Florida Municipal Power Agency 1073 Seminole Electric Cooperative	U.S. U.S.	58,176 162,588	58,176 162,588	-		34,519 96,473	34,519 96,473		<u> </u>	(16,241) (45,389)	(16,241) (45,389)	22,260 62,212	22,260 62,212		<u> </u>	14,273 39,889	14,273 39,889		<u> </u>	3,364 9,402	3,364 9,402	
-	TOTAL FRCC		2,145,081	2,145,081	-		1,272,804	1,272,804	-	<u> </u>	(598,831)	(598,831)	820,791	820,791		<u> </u>	526,269	526,269	-	<u> </u>	124,047	124,047	
2009 MRO 2009 MRO	1199 Basin Electric Power Cooperative 1201 Central Iowa Power Cooperative (CIPCO)	U.S. U.S.	103,398 26,841	103,398 26,841	-	:	57,572 14,945	57,572 14,945			(27,086) (7,031)	(27,086) (7,031)	37,126 9,638	37,126 9,638		-	23,804 6,179	23,804 6,179	:	:	11,982 3,110	11,982 3,110	
2009 MRO	1204 Corn Belt Power Cooperative	U.S.	18,396	18,396	-	-	10,243	10,243			(4,819)	(4,819)	6,605	6,605		-	4,235	4,235			2,132	2,132	-
2009 MRO 2009 MRO	1207 Dairyland Power Cooperative 1210 Great River Energy	U.S. U.S.	52,417 133,498	52,417 133,498	-	-	29,185 74,332	29,185 74,332			(13,731) (34,972)	(13,731) (34,972)	18,821 47,934	18,821 47,934		-	12,067 30,734	12,067 30,734			6,074 15,470	6,074 15,470	
2009 MRO 2009 MRO	1222 Minnkota Power Cooperative, Inc. 1230 Nebraska Public Power District	U.S. U.S.	38,491 127,666	38,491 127.666		-	21,432 71.084	21,432 71.084			(10,083)	(10,083)	13,821 45.840	13,821 45,840		-	8,862 29.391	8,862 29.391	-	-	4,460 14.794	4,460 14.794	-
2009 MRO	1232 Omaha Public Power District	U.S.	103,869	103,869	-	-	57,834	57,834			(27,210)	(27,210)	37,295	37,295		-	23,913	23,913	-		12,036	12,036	-
2009 MRO 2009 MRO	1237 Southern Montana Generation and Transi 1240 Western Area Power Administration (UM)		45 83,886	45 83,886	-	-	25 46,707	25 46,707	:	:	(12) (21,975)	(12) (21,975)	16 30,120	16 30,120		- :	10 19,312	10 19,312	:		5 9,721	5 9,721	:
2009 MRO 2009 MRO	1239 Western Area Power Administration (LM) 1217 Manitoba Hydro	U.S. CAN	1,279 313,503	1,279	313,503	-	712 138,323	712	138,323		(335)	(335)	459 89,200	459	- 89,200	-	294 57,193	294	- 57,193	-	148 28,788	148	28,788
2009 MRO	1235 SaskPower	CAN	251,180		251,180	-	110,825		110,825				71,467		71,467		45,823		45,823		23,065		23,065
2009 MRO 2009 MRO	1195 Alliant Energy (Alliant East - WPL & Alliar 1216 Madison, Gas and Electric	U.S. U.S.	279,913 33,584	279,913 33,584	-	-	155,855 18.699	155,855 18,699			(73,327) (8,798)	(73,327) (8,798)	100,506 12.059	100,506 12.059		-	64,442 7,732	64,442 7.732		-	32,436 3.892	32,436 3.892	
2009 MRO	1220 MidAmerican Energy Company	U.S.	217,001	217,001	-	-	120,826	120,826	-		(56,847)	(56,847)	77,917	77,917	-	-	49,958	49,958		-	25,146	25,146	-
2009 MRO 2009 MRO	1221 Minnesota Power 1226 Montana-Dakota Utilities Co.	U.S. U.S.	101,393 26,138	101,393 26,138	-	-	56,456 14,554	56,456 14,554			(26,561) (6,847)	(26,561) (6,847)	36,406 9,385	36,406 9,385		-	23,343 6,018	23,343 6,018	-	-	11,749 3,029	11,749 3,029	-
2009 MRO 2009 MRO	1231 NorthWestern Energy 1233 Otter Tail Power Company	U.S. U.S.	14,315 43.066	14,315 43,066		:	7,971 23,979	7,971 23,979	:	:	(3,750) (11,282)	(3,750) (11,282)	5,140 15,463	5,140 15,463		:	3,296 9,915	3,296 9.915	:	:	1,659 4,991	1,659 4.991	:
2009 MRO	1243 Integrys Energy Group (WPS and UPPC)	U.S.	136,177	136,177	•	-	75,823	75,823			(35,673)	(35,673)	48,896	48,896		-	31,351	31,351		-	15,780	15,780	
2009 MRO 2009 MRO	1244 Xcel Energy Company (NSP) 1196 Ames Municipal Electric System	U.S. U.S.	452,600 7,328	452,600 7,328	-	-	252,007 4,080	252,007 4,080			(118,565) (1,920)	(118,565) (1,920)	162,512 2,631	162,512 2,631		-	104,198 1,687	104,198 1,687			52,448 849	52,448 849	
2009 MRO 2009 MRO	1604 Atlantic Municipal Utilities 1476 Badger Power Marketing Authority of Wis	U.S. U.S.	802 3,496	802 3.496	:	:	446 1.947	446 1.947	:	:	(210) (916)	(210) (916)	288 1,255	288 1,255	:	- :	185 805	185 805	:	:	93 405	93 405	:
2009 MRO	1200 Cedar Falls Municipal Utilities	U.S.	5,103	5,103	-	-	2,841	2,841	-		(1,337)	(1,337)	1,832	1,832	-	-	1,175	1,175		-	591	591	-
2009 MRO 2009 MRO	1477 Central Minnesota Municipal Power Agen 1605 City of Pella	U.S. U.S.	4,305 1,761	4,305 1,761	-		2,397 981	2,397 981			(1,128) (461)	(1,128) (461)	1,546 632	1,546 632		-	991 405	991 405			499 204	499 204	
2009 MRO 2009 MRO	1203 Escanaba Municipal Electric Utility 1205 Falls City Water & Light Department	U.S. U.S.	1,424 386	1,424 386		-	793 215	793 215			(373)	(373)	511 138	511 138		-	328 89	328 89		-	165 45	165 45	
2009 MRO	1206 Fremont Department of Utilities	U.S.	4,209	4,209	-	-	2,344	2,344			(1,103)	(1,103)	1,511	1,511		-	969	969			488	488	
2009 MRO 2009 MRO	1208 Geneseo Municipal Utilities 1209 Grand Island Utilities Department	U.S. U.S.	643 6,868	643 6,868	-	-	358 3,824	358 3,824			(169) (1,799)	(169) (1,799)	231 2,466	231 2,466		-	148 1,581	148 1,581			75 796	75 796	
2009 MRO 2009 MRO	1606 Harlan Municipal Utilities 1211 Hastings Utilities	U.S. U.S.	187 3,981	187 3,981		-	104 2,217	104 2,217			(49) (1,043)	(49) (1,043)	67 1,430	67 1,430		-	43 917	43 917		-	22 461	22 461	
2009 MRO	1212 Heartland Consumers Power District	U.S.	6,663	6,663	-	-	3,710	3,710			(1,746)	(1,746)	2,393	2,393		-	1,534	1,534			772	772	
2009 MRO 2009 MRO	1213 Hutchinson Utilities Commission 1215 Lincoln Electric System	U.S. U.S.	2,915 31,695	2,915 31,695	:		1,623 17,648	1,623 17,648	:	-	(764) (8,303)	(764) (8,303)	1,047 11,380	1,047 11,380			671 7,297	671 7,297	:	:	338 3,673	338 3,673	-
2009 MRO 2009 MRO	1218 Manitowoc Public Utilities 1223 Missouri River Energy Services	U.S. U.S.	5,191 21.808	5,191 21.808	-	:	2,890 12.143	2,890 12.143		-	(1,360) (5,713)	(1,360) (5,713)	1,864 7.830	1,864 7,830		-	1,195 5.021	1,195 5.021		:	601 2.527	601 2.527	-
2009 MRO	1224 MN Municipal Power Agency (MMPA)	U.S.	13,958	13,958	-		7,772	7,772			(3,656)	(3,656)	5,012	5,012		-	3,213	3,213			1,617	1,617	
2009 MRO 2009 MRO	1607 Montezuma Municipal Light & Power 1227 Municipal Energy Agency of Nebraska	U.S. U.S.	265 9,794	265 9,794	-	-	147 5,453	147 5,453			(69) (2,566)	(69) (2,566)	95 3,517	95 3,517		-	61 2,255	61 2,255			31 1,135	31 1,135	
2009 MRO 2009 MRO	1228 Muscatine Power and Water 1229 Nebraska City Utilities	U.S. U.S.	8,538 1,634	8,538 1,634		-	4,754 910	4,754 910			(2,237) (428)	(2,237) (428)	3,066 587	3,066 587		-	1,966 376	1,966 376		-	989 189	989 189	
2009 MRO	1234 Rochester Public Utilities	U.S.	12	12	-		7	7			(3)	(3)	4	4		-	3	3			1	1	
2009 MRO 2009 MRO	1236 Southern Minnesota Municipal Power Age 1241 Willmar Municipal Utilities	U.S. U.S.	28,883 2,882	28,883 2,882	-	-	16,082 1,605	16,082 1,605	:	:	(7,566) (755)	(7,566) (755)	10,371 1,035	10,371 1,035		- :	6,649 664	6,649 664	:		3,347 334	3,347 334	:
2009 MRO	1242 Wisconsin Public Power, Inc. (East and V TOTAL MRO	U.S.	52,251 2,785,636	52,251 2,220,953	564.683		29,093 1.485,773	29,093 1,236,626	249.147		(13,688)	(13,688)	18,761 958.128	18,761 797,461	160,667		12,029 614.326	12,029 511.310	103,015		6,055 309,218	6,055 257.366	51,852
2009 NPCC	1336 New England	U.S.	1,205,764	1 205 764	,500		737.017	737 017	2,177		(346.753)	(346.753)	475,279	475,279	. 23,001		304.736	304.736	,0		35.485	35 485	
2009 NPCC	1339 New York	U.S.	1,510,928	1,205,764 1,510,928	-		923,547	737,017 923,547	:	-	(434,511)	(434,511)	475,279 595,566	4/5,2/9 595,566		-	381,861	381,861			44,466	35,485 44,466	-
2009 NPCC 2009 NPCC		Canada Canada	1,175,701 1,773,069	:	1,175,701 1,773,069		804,383 1,047,284	:	804,383 1,047,284		:	:	- 675,361		- 675,361	:	332,590 0	:	332,590 0	:	38,729 50,424		38,729 50,424
2009 NPCC	1338 New Brunswick	Canada Canada	116,090 142,414	-	116,090 142,414		79,426 67,607	-	79,426 67.607	-		-	43,598	-	43,598	-	32,840 27,954	-	32,840 27,954		3,824 3,255		3,824
2009 NPCC	1340 Nova Scotia TOTAL NPCC	canada	142,414 5,923,966	2,716,692	142,414 3,207,274		67,607 3,659,263	1,660,563	67,607 1,998,700		(781,264)	(781,264)	43,598 1,789,804	1,070,845	43,598 718,959	=	27,954 1,079,980	686,597	27,954 393,384	<u> </u>	3,255 176,182	79,951	3,255 96,231
2009 RFC	1096 Alger Delta Cooperative Electric Associati	U.S.	552	552			328	328		-	(154)	(154)	212	212	-		136	136	-		32	32	
2009 RFC 2009 RFC	1097 American Municipal Power 1104 Bay City	U.S. U.S.	30,870 3,098	30,870 3,098	-	:	18,331 1,840	18,331 1,840		-	(8,624) (866)	(8,624) (866)	11,821 1,186	11,821 1,186		-	7,579 761	7,579 761		:	1,763 177	1,763 177	-
2009 RFC	1098 Village of Bethel	U.S.	274	274	-		162	162			(76)	(76)	105	105		-	67	67			16	16	
2009 RFC 2009 RFC	1101 Buckeye Power Inc. (DUKE-CIN) 1100 Buckeye Power Inc. (ATSI)	U.S. U.S.	2,502 9,536	2,502 9,536	-		1,486 5,662	1,486 5,662			(699) (2,664)	(699) (2,664)	958 3,652	958 3,652		-	614 2,341	614 2,341		:	143 545	143 545	-
2009 RFC 2009 RFC	1102 Cannelton Utilities 1105 City of Chelsea	U.S. U.S.	157 865	157 865	-	:	93 514	93 514		-	(44) (242)	(44) (242)	60 331	60 331	-	-	38 212	38 212	:	:	9 49	9 49	:
2000 RFC	1.00 Oily of Orlebea	0.0.	000	000	•	-	314	314			(242)	(242)	331	331		-	212	212	-	-	49	49	-

						Total NERC As	ssessments		NERC NEL Ass	sessments		Penalty Sar	ictions	NERC Complianc	e Assessments (e	x. IESO & New Bru	inswick)	NERC Compliar	ce Assessments	(ex.Quebec &	AESO)	NERC II	DC Assessments
Data Year	Regional Entity	ı ın	Entity	Country	Total	US Total	Canada Total Mexico T	otal Total	US Total	Canada Total	Mexico Total	Total	US Total	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total	Total	US Total Canada Total
2009		1106	City of Croswell	U.S.	343	343	Canada Total Mexico I	204	204	Canada Total	Total	(96)	(96)	131	131	Callada Total	Total	84	84	Total	Total	20	20 -
2009			City of Crystal Falls	U.S.	128	128	-	76	76			(36)	(36)	49	49			31	31			7	7 -
2009			City of Eaton Rapids	U.S.	738	738	-	438	438		-	(206)	(206)	282	282			181	181	-	-	42	42 -
2009 2009			City of Hamilton City of Hart	U.S. U.S.	4,173 340	4,173 340	-	2,478	2,478 202	-		(1,166) (95)	(1,166) (95)	1,598 130	1,598 130			1,025 83	1,025 83			238 19	238 - 19 -
2009	RFC		City of Lansing	U.S.	19,806	19,806		11,761	11,761	-		(5,533)	(5,533)	7,584	7,584			4,863	4,863			1,131	1,131 -
2009 2009			City of Marquette Board of Light & Power City of Painesville	U.S. U.S.	3,194 1,490	3,194 1,490	-	1,897 885	1,897 885	-	-	(892) (416)	(892) (416)	1,223 571	1,223 571	-	-	784 366	784 366	-	-	182 85	182 - 85 -
2009		1114	City of Portland	U.S.	334	334		198	198			(93)	(93)	128	128			82	82			19	19 -
2009	RFC	1116	City of St. Louis	U.S.	368	368		218	218		-	(103)	(103)	141	141	-	-	90	90		-	21	21 -
2009 2009			City of Williamstown KY City of Wyandotte	U.S. U.S.	508 617	508 617		301 367	301 367		-	(142) (172)	(142) (172)	194 236	194 236	-		125 152	125 152			29 35	29 - 35 -
2009			Cleveland Public Power	U.S.	15,377	15,377		9,131	9,131			(4,296)	(4,296)	5,888	5,888			3,775	3,775			878	878 -
2009			Cloverland Electric Cooperative	U.S.	2,224	2,224		1,320	1,320		-	(621)	(621)	851	851	-	-	546	546		-	127	127 -
2009 2009			Cloverland (f.k.a Edison Sault Electric C CMS ERM Michigan LLC	U.S. U.S.	6,268 1,214	6,268 1,214		3,722 721	3,722 721			(1,751)	(1,751)	2,400 465	2,400 465	-		1,539 298	1,539 298			358 69	358 - 69 -
2009			Constellation New Energy (MECS-CONS)	U.S.	4,561	4,561		2,708	2,708			(1,274)	(1,274)	1,747	1,747			1,120	1,120			261	261 -
2009			Constellation New Energy (MECS-DET)	U.S.	6,527	6,527	-	3,876	3,876	-	-	(1,823)	(1,823)	2,499	2,499	-	-	1,602	1,602			373	373 -
2009 2009			Constellation New Energy Inc. (ATSI) Constellation New Energy Inc. (DUKE-C	U.S.	1,897 1,127	1,897 1,127		1,126 669	1,126 669		:	(530) (315)	(530) (315)	726 432	726 432			466 277	466 277		:	108 64	108 -
2009			Consumers Energy Company	U.S.	312,962	312,962		185,839	185,839	-		(87,434)	(87,434)	119,842	119,842	-		76,839	76,839			17,876	17,876 -
2009			Detroit Edison Company	U.S.	429,503 942	429,503 942		255,042 560	255,042 560		-	(119,992)	(119,992)	164,469 361	164,469 361	-		105,453	105,453			24,533	24,533 -
2009 2009			Dominion Retail (ATSI) Dominion Retail Inc. (DUKE-CIN)	U.S. U.S.	3,481	3,481		2,067	2,067			(263) (972)	(263) (972)	1,333	1,333			231 855	231 855			54 199	199 -
2009	RFC	1131	DTE Energy Trading	U.S.	-	-		-	-	-		-	-	-	-			-	-			-	
2009			Duke Energy Indiana	U.S.	269,145	269,145		159,820	159,820		-	(75,192)	(75,192)	103,063	103,063	-		66,081	66,081			15,373	15,373 -
2009 2009			Duke Energy Kentucky Duke Energy Ohio	U.S. U.S.	39,500 169,229	39,500 169,229	-	23,455 100.489	23,455 100.489	-		(11,035) (47,278)	(11,035) (47,278)	15,126 64.802	15,126 64,802			9,698 41,549	9,698 41,549			2,256 9,666	2,256 - 9,666 -
2009	RFC	1608	Duke Energy Retail Sales (ATSI)	U.S.	17,387	17,387	-	10,324	10,324		-	(4,857)	(4,857)	6,658	6,658	-		4,269	4,269			993	993 -
2009			Duke Energy Retail Sales (DUKE-CIN)	U.S.	8,021	8,021	-	4,763	4,763	-	-	(2,241)	(2,241)	3,072	3,072	-	-	1,969	1,969	-	-	458	458 -
2009 2009			Energy International Power Marketing Ferdinand Municipal Light & Water	U.S. U.S.	380	380		226	226			(106)	(106)	146	146			93	93			- 22	22 -
2009		1138	FirstEnergy	U.S.	408,192	408,192	-	242,387	242,387			(114,039)	(114,039)	156,308	156,308	-	-	100,220	100,220	-		23,315	23,315 -
2009 2009			FirstEnergy Solutions (ATSI) FirstEnergy Solutions (MECS-DET)	U.S. U.S.	211,960 207	211,960 207	-	125,863 123	125,863 123	-		(59,216) (58)	(59,216) (58)	81,165 79	81,165 79	-	-	52,041 51	52,041 51			12,107 12	12,107 - 12 -
2009			FirstEnergy Solutions (MECS-DET)	U.S.	3,233	3,233		1,920	1,920			(903)	(903)	1,238	1,238			794	794			185	185 -
2009			Gexa Energy	U.S.	14,335	14,335	-	8,512	8,512	-	-	(4,005)	(4,005)	5,489	5,489	-		3,520	3,520		-	819	819 -
2009 2009			Georgetown Glacial Energy (ATSI)	U.S.	521 g	521 9		309	309 6		:	(145)	(145)	199 4	199 4			128 2	128		:	30	30 -
2009			Glacial Energy (MECS-DET)	U.S.	254	254		151	151			(71)	(71)	97	97	-		62	62			15	15 -
2009		1143	Hamersville	U.S.	52	52	-	31	31	-	-	(15)	(15)	20	20	-	-	13	13			3	3 -
2009 2009			Holland Board of Public Works Hoosier Energy	U.S. U.S.	6,889 63.586	6,889 63,586		4,091 37.758	4,091 37.758			(1,925) (17,764)	(1,925) (17,764)	2,638 24.349	2,638 24,349	-		1,691 15,612	1,691 15.612			394 3,632	394 - 3.632 -
2009			Indiana Municipal Power Agency (DUKE (		27,095	27,095		16,089	16,089			(7,570)	(7,570)	10,376	10,376	-		6,653	6,653			1,548	1,548 -
2009		1485	Indiana Municipal Power Agency (NIPSCI	U.S.	3,573	3,573		2,122	2,122		-	(998)	(998)	1,368	1,368	-	-	877	877		-	204	204 -
2009 2009			Indiana Municipal Power Agency (SIGE) Indianapolis Power & Light Co.	U.S. U.S.	5,279 141,248	5,279 141,248		3,135 83,874	3,135 83,874			(1,475) (39,461)	(1,475) (39,461)	2,022 54,088	2,022 54,088	-		1,296 34,680	1,296 34,680			302 8,068	302 - 8,068 -
2009			Integrys Energy Services (ATSI)	U.S.	0	0		03,074	03,074	-		(0)	(0)	0	0			0	0			0,000	0,000 -
2009		1552	Integrys Energy Services (DUKE-CIN)	U.S.	177	177		105	105		-	(50)	(50)	68	68	-	-	44	44		-	10	10 -
2009 2009			Integrys Energy Services (MECS-CONS) Integrys Energy Services (MECS-DET)	U.S. U.S.	2,297 2,305	2,297 2,305		1,364 1,369	1,364 1,369		:	(642) (644)	(642) (644)	880 883	880 883			564 566	564 566		:	131 132	131 - 132 -
2009			Just Energy (MECS-DET)	U.S.	247	247		147	147			(69)	(69)	95	95	-		61	61			14	14 -
2009		1151	Lebanon	U.S.	2,608	2,608	-	1,549	1,549		-	(729)	(729)	999	999	-	-	640	640	-		149	149 -
2009 2009			Michigan Public Power Agency Michigan South Central Power Agency	U.S. U.S.	10,997 5.145	10,997 5.145	-	6,530 3.055	6,530 3.055	-		(3,072)	(3,072)	4,211 1.970	4,211 1,970			2,700 1,263	2,700 1,263			628 294	628 - 294 -
2009	RFC		MidAmerican Energy Company Retail	U.S.	273	273		162	162	-		(76)	(76)	104	104			67	67			16	16 -
2009 2009			Northern Indiana Public Service Co.	U.S. U.S.	148,700 260	148,700 260	-	88,299 155	88,299 155	-	-	(41,543) (73)	(41,543) (73)	56,941 100	56,941 100	-	-	36,509 64	36,509 64	-	-	8,494 15	8,494 - 15 -
2009			Ontonagon County Rural Electrification A: Penn Power	U.S.	20,701	20,701		12,292	12,292			(5,783)	(5,783)	7,927	7,927			5,083	5,083			1,182	1,182 -
2009			PJM Interconnnection, LLC	U.S.	5,548,231	5,548,231		3,294,577	3,294,577		-	(1,550,037)	(1,550,037)	2,124,569	2,124,569	-	-	1,362,216	1,362,216		-	316,906	316,906 -
2009 2009			Public Lighting Department of Detroit Ripley	U.S. U.S.	- 178	- 178		106	106			(50)	(50)	- 68	- 68	-		- 44	- 44			- 10	10 -
2009	RFC		Sempra Energy Solutions (ATSI)	U.S.	3,844	3,844	-	2,282	2,282	-	-	(1,074)	(1,074)	1,472	1,472			944	944	-		220	220 -
2009		1615	Sempra Energy Solutions (DUKE-CIN)	U.S.	6	6	-	3	3	-	-	(2)	(2)	2	2		-	1	1	-	-	0	0 -
2009 2009			Sempra Energy Solutions (MECS-CONS) Sempra Energy Solutions (MECS-DET)	U.S.	5,233 2,547	5,233 2,547		3,107 1,512	3,107 1,512	-	-	(1,462) (712)	(1,462) (712)	2,004 975	2,004 975			1,285 625	1,285 625			299 145	299 - 145 -
2009	RFC	1173	Direct Energy (fkA:Strategic Energy) (AT	U.S.	2,743	2,743	-	1,629	1,629	-	-	(766)	(766)	1,050	1,050		-	673	673	-	-	157	157 -
2009 2009			Direct Energy (fka:Strategic Energy LLC) Direct Energy (fka:Strategic Energy,LLC)	U.S. U.S.	2,434 108	2,434		1,445	1,445 64	-		(680)	(680)	932 41	932 41		-	598 27	598 27	-	-	139	139 -
2009				U.S.	2,439	2,439	-	1,448	1,448			(681)	(681)	934	934			599	599			139	139 -
2009	RFC	1616	Smart Paper Holdings	U.S.	61	61	-	36	36	-	-	(17)	(17)	23	23		-	15	15	-	-	3	3 -
2009 2009			Spartan Renewable Energy Thumb Electric Cooperative	U.S. U.S.	604 1,526	604 1.526		359 906	359 906	:		(169) (426)	(169) (426)	231 584	231 584			148 375	148 375			35 87	35 - 87 -
2009			Vectren Energy Delivery of IN	U.S.	50,242	50,242	-	29,834	29,834	-	-	(14,036)	(14,036)	19,239	19,239			12,336	12,336	-		2,870	2,870 -
2009	RFC	1099	Village of Blanchester	U.S.	732	732	-	435	435	-	-	(205)	(205)	280	280		-	180	180	-	-	42	42 -
2009 2009			Village of Sebewaing Wabash Valley Power Association Inc. (E	U.S.	415 24,135	415 24,135		246 14,332	246 14,332		-	(116) (6,743)	(116) (6,743)	159 9,242	159 9,242			102 5,926	102 5,926		-	24 1,379	24 - 1,379 -
2009			Wabash Valley Power Association Inc. (I		1,582	1,582		940	940			(442)	(442)	606	606			389	389			90	90 -
2009	RFC	1488	Wabash Valley Power Association Inc.(N		14,734	14,734	-	8,749	8,749	-	-	(4,116)	(4,116)	5,642	5,642		-	3,618	3,618	-	-	842	842 -
2009 2009			Wisconsin Electric Power Co. Wolverine Power Marketing Cooperative	U.S. U.S.	258,479 9,365	258,479 9,365		153,486 5,561	153,486 5,561	-	:	(72,213) (2,616)	(72,213) (2,616)	98,979 3,586	98,979 3,586	:	- :	63,462 2,299	63,462 2,299			14,764 535	14,764 - 535 -
2009	RFC	1191	Wolverine Power Supply Cooperative	U.S.	23,053	23,053		13,689	13,689	-	-	(6,440)	(6,440)	8,827	8,827			5,660	5,660		-	1,317	1,317 -
2009				U.S.	950	950	-	564	564	-	-	(265)	(265)	364	364		-	233	233	-	-	54	54 -
2009	RFC	1194	Zelienople TOTAL RELIABILITYFIRST	U.S.	299 8,403,722	299 8,403,722		4,990,187	178 4,990,187		<del></del> -	(84)	(84)	3,218,015	3,218,015	<del>.</del>	<del></del> -	74 2,063,303	74 2,063,303	<u> </u>	<del></del> -	17 480,007	17 - 480,007 -
-	_																						
2009 2009			Alabama Municipal Electric Authority Alabama Power Company	U.S. U.S.	33,349 508.255	33,349 508,255		19,973 304,396	19,973 304,396	-		(9,397) (143,212)	(9,397) (143,212)	12,880 196,295	12,880 196,295		-	8,258 125,859	8,258 125,859	-	-	1,635 24,918	1,635 - 24,918 -
2009			Ameren - Illinois	U.S.	379,884	379,884	-	227,514	227,514			(143,212)	(143,212)	146,717	146,717			94,071	94,071			18,624	18,624 -
2009	SERC		Ameren - Missouri	U.S.	369,727	369,727	-	221,431	221,431	-	-	(104,179)	(104,179)	142,794	142,794		-	91,555	91,555	-	-	18,126	18,126 -
2009 2009			APGI - Yadkin Division Associated Electric Cooperative Inc.	U.S. U.S.	303 177,943	303 177,943	-	181 106,571	181 106,571	-	-	(85) (50,140)	(85) (50,140)	117 68,724	117 68,724			75 44,064	75 44,064			15 8,724	15 - 8,724 -
2009	SERC		Beauregard Electric Cooperative Inc.	U.S.	9,726	9,726	-	5,825	5,825	-	-	(2,740)	(2,740)	3,756	3,756			2,408	2,408	-		477	477 -
2009	SERC	1462	Benton Utility District	U.S.	2,474	2,474	-	1,482	1,482		-	(697)	(697)	955	955			613	613		-	121	121 -

					Total NERC As	ssessments			NERC NEL As	sessments		Penalty Sar	ctions	NERC Complianc	e Assessments (e	x. IESO & New Bruns	wick)	NERC Complian	nce Assessments	(ex.Quebec 8	& AESO)	NERC II	OC Assessments
Data Year	Regional Entity	ID Entity	Country	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total	Total	US Total	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total	Total	US Total Canada Total
2009	SERC	1274 Big Rivers Electric Corporation	U.S.	93,166	93,166			55,797	55,797		-	(26,252)	(26,252)	35,982	35,982			23,071	23,071			4,568	4,568 -
2009 2009		1275 Black Warrior EMC 1276 Blue Ridge EMC	U.S. U.S.	3,904 10,764	3,904 10.764	-		2,338 6,447	2,338 6,447			(1,100) (3,033)	(1,100) (3,033)	1,508 4,157	1,508 4,157			967 2,666	967 2,666	-		191 528	191 - 528 -
2009	SERC	1463 Canton, MS	U.S. U.S.	1,149	1,149	-	-	688	688	-	-	(324)	(324)	444	444			285	285	-	-	56	56 -
2009 2009		1277 Central Electric Power Cooperative Inc. 1278 City of Blountstown FL	U.S.	144,797 374	144,797 374			86,720 224	86,720 224			(40,800) (105)	(40,800) (105)	55,923 144	55,923 144			35,856 93	35,856 93			7,099 18	7,099 - 18 -
2009 2009	SERC	1279 City of Camden SC 1280 City of Collins MS	U.S. U.S.	1,917 421	1,917 421	-	-	1,148 252	1,148 252		-	(540) (119)	(540) (119)	740 163	740 163			475 104	475 104	-	-	94 21	94 - 21 -
2009	SERC	1281 City of Columbia MO	U.S.	12,868	12,868			7,707	7,707			(3,626)	(3,626)	4,970	4,970			3,187	3,187			631	631 -
2009 2009		1282 City of Conway AR (Conway Corporation) 1284 City of Evergreen AL	U.S. U.S.	8,996 580	8,996 580			5,387 348	5,387 348			(2,535) (164)	(2,535) (164)	3,474 224	3,474 224			2,228 144	2,228 144			441 28	441 - 28 -
2009	SERC	1285 City of Hampton GA	U.S.	231	231			138	138		-	(65)	(65)	89	89			57	57		-	11	11 -
2009 2009		1286 City of Hartford AL 1287 City of Henderson (KY) Municipal Power i	U.S. U.S.	293 6,171	293 6.171			175 3,696	175 3.696	:	-	(83) (1,739)	(83) (1,739)	113 2.383	113 2.383			73 1,528	73 1,528	:		14 303	14 - 303 -
2009	SERC	1288 City of North Little Rock AR (DENL)	U.S.	9,036	9,036			5,411	5,411		-	(2,546)	(2,546)	3,490	3,490			2,237	2,237		-	443	443 -
2009 2009		1289 City of Orangeburg SC Department of Pu 1290 City of Robertsdale AL	U.S. U.S.	8,675 791	8,675 791			5,195 474	5,195 474			(2,444) (223)	(2,444) (223)	3,350 306	3,350 306			2,148 196	2,148 196			425 39	425 - 39 -
2009 2009	SERC SERC	1291 City of Ruston LA (DERS)	U.S. U.S.	2,530 1,433	2,530 1.433	-		1,515 858	1,515 858			(713) (404)	(713) (404)	977 553	977 553			627 355	627 355	-		124 70	124 - 70 -
2009		1292 City of Seneca SC 1115 City of Springfield (CWLP)	U.S.	17,006	17,006			10,185	10,185			(4,792)	(4,792)	6,568	6,568			4,211	4,211			834	834 -
2009 2009	SERC SERC	1465 City of Thayer, MO 1293 City of Troy AL	U.S. U.S.	148 3,464	148 3,464			88 2,074	88 2,074		-	(42) (976)	(42) (976)	57 1,338	57 1,338			37 858	37 858			7 170	7 - 170 -
2009	SERC	1294 City of West Memphis AR (West Memphi	U.S.	3,720	3,720			2,228	2,228		-	(1,048)	(1,048)	1,437	1,437			921	921		-	182	182 -
2009 2009	SERC SERC	1583 Claiborne Electric Cooperative, Inc. 1584 Concordia Electric Cooperative, Inc.	U.S. U.S.	5,692 2.320	5,692 2.320		:	3,409 1,390	3,409 1,390	:	-	(1,604) (654)	(1,604) (654)	2,198 896	2,198 896			1,409 575	1,409 575	:		279 114	279 - 114 -
2009	SERC	1283 Dalton Utilities	U.S.	13,813	13,813			8,273	8,273		-	(3,892)	(3,892)	5,335	5,335			3,420	3,420		-	677	677 -
2009 2009	SERC SERC	1585 Dixie Electric Membership Corporation 1295 Dominion Virginia Power	U.S. U.S.	20,785 780,509	20,785 780,509			12,448 467,450	12,448 467,450			(5,857) (219,926)	(5,857) (219,926)	8,028 301,444	8,028 301,444			5,147 193,277	5,147 193,277	-		1,019 38,265	1,019 - 38,265 -
2009	SERC	1296 Duke Energy Carolinas, LLC 1466 Durant, MS	U.S. U.S.	757,678	757,678		-	453,776 173	453,776 173		-	(213,493) (81)	(213,493)	292,626 112	292,626 112			187,624	187,624	-	-	37,146 14	37,146 - 14 -
2009 2009		1478 E.ON U.S. Services Inc.	U.S.	289 314,842	289 314,842			188,560	188,560			(88,714)	(81) (88,714)	121,596	121,596			72 77,964	72 77,964			15,435	15,435 -
2009 2009		1297 East Kentucky Power Cooperative 1298 East Mississippi Electric Power Association	U.S. U.S.	115,914 4,127	115,914 4,127			69,421 2.472	69,421 2,472		-	(32,662) (1,163)	(32,662) (1,163)	44,768 1,594	44,768 1.594			28,704 1,022	28,704 1.022			5,683 202	5,683 - 202 -
2009	SERC	1299 Electric Energy Inc.	U.S.	12,419	12,419			7,438	7,438			(3,499)	(3,499)	4,796	4,796			3,075	3,075			609	609 -
2009 2009		1300 EnergyUnited EMC 1301 Entergy	U.S. U.S.	22,487 1,022,817	22,487 1,022,817	:		13,468 612,569	13,468 612,569		:	(6,336) (288,202)	(6,336) (288,202)	8,685 395,026	8,685 395.026			5,568 253,280	5,568 253,280			1,102 50,144	1,102 - 50.144 -
2009	SERC	1302 Fayetteville (NC) Public Works Commissi	U.S.	20,944	20,944			12,544	12,544		-	(5,902)	(5,902)	8,089	8,089			5,186	5,186			1,027	1,027 -
2009 2009		1303 Florida Public Utilities (FL Panhandle Loa 1304 French Broad EMC	U.S. U.S.	3,273 4,840	3,273 4.840			1,960 2,899	1,960 2.899			(922) (1,364)	(922) (1,364)	1,264 1,869	1,264 1,869			810 1,198	810 1,198			160 237	160 - 237 -
2009	SERC	1305 Georgia Power Company	U.S.	799,882	799,882	-		479,052	479,052			(225,385)	(225,385)	308,926	308,926			198,075	198,075	-		39,215	39,215 -
2009 2009	SERC SERC	1306 Georgia System Optns Corporation 1479 Greenwood (MS) Utilities Commission	U.S. U.S.	355,102 2,644	355,102 2,644			212,672 1,583	212,672 1,583			(100,058) (745)	(100,058) (745)	137,145 1,021	137,145 1,021			87,934 655	87,934 655	-		17,409 130	17,409 - 130 -
2009	SERC	1307 Greenwood (SC) Commissioners of Publi	U.S.	3,106	3,106	-	-	1,860	1,860	-	-	(875)	(875)	1,199	1,199			769	769	-	-	152	152 -
2009 2009		1308 Gulf Power Company 1586 Haywood EMC	U.S. U.S.	109,318 2,853	109,318 2,853			65,471 1,708	65,471 1,708			(30,803) (804)	(30,803) (804)	42,220 1,102	42,220 1,102			27,070 706	27,070 706			5,359 140	5,359 - 140 -
2009 2009		1309 Illinois Municipal Electric Agency 1480 Itta Bena, MS	U.S. U.S.	16,951 149	16,951 149	-	-	10,152 89	10,152 89		-	(4,776) (42)	(4,776) (42)	6,547 58	6,547 58			4,198 37	4,198 37	-	-	831	831 -
2009	SERC	1587 Jefferson Davis Electric Cooperative, Inc.	U.S.	2,111	2,111			1,264	1,264			(595)	(595)	815	815			523	523			103	103 -
2009 2009		1617 Kentucky Municipal Power 1481 Kosciusko, MS	U.S. U.S.	6,772 684	6,772 684	:		4,056 410	4,056 410		:	(1,908) (193)	(1,908) (193)	2,616 264	2,616 264			1,677 169	1,677 169			332 34	332 - 34 -
2009	SERC	1482 Leland, MS	U.S.	301	301			180	180		-	(85)	(85)	116	116			75	75			15	15 -
2009 2009		1313 McCormick Commission of Public Works 1314 Mississippi Power Company	U.S. U.S.	214 93.444	214 93,444			128 55,964	128 55.964			(60) (26,330)	(60) (26,330)	83 36,089	83 36.089			53 23.139	53 23.139			11 4,581	11 - 4.581 -
2009	SERC	1315 Municipal Electric Authority of Georgia	U.S.	99,045	99,045			59,318	59,318		-	(27,908)	(27,908)	38,252	38,252			24,526	24,526		-	4,856	4,856 -
2009 2009		<ul> <li>1316 N.C. Electric Membership Corp.</li> <li>1317 North Carolina Eastern Municipal Power /</li> </ul>	U.S. U.S.	115,673 69,291	115,673 69,291			69,277 41,499	69,277 41,499			(32,594) (19,524)	(32,594) (19,524)	44,675 26,761	44,675 26,761			28,644 17,158	28,644 17,158			5,671 3,397	5,671 - 3,397 -
2009 2009	SERC	1318 North Carolina Municipal Power Agency #	U.S.	43,192 2,603	43,192 2.603	-	-	25,868 1.559	25,868 1.559		-	(12,170) (733)	(12,170) (733)	16,681 1,005	16,681 1.005			10,696 645	10,696 645	-	-	2,118 128	2,118 - 128 -
2009		1588 Northeast Louisiana Power Cooperative, I 1574 Northern Virginia Electric Cooperative	U.S.	32,762	32,762			19,621	19,621			(9,231)	(9,231)	12,653	12,653			8,113	8,113			1,606	1,606 -
2009 2009	SERC SERC	1319 Old Dominion Electric Cooperative 1618 Osceola (Arkansas) Municipal Light and F	U.S. U.S.	52,309 2,520	52,309 2.520	:		31,328 1,509	31,328 1.509		:	(14,739) (710)	(14,739) (710)	20,203 973	20,203 973			12,953 624	12,953 624			2,565 124	2,565 - 124 -
2009	SERC	1320 Owensboro (KY) Municipal Utilities	U.S.	8,239	8,239			4,934	4,934		-	(2,321)	(2,321)	3,182	3,182			2,040	2,040			404	404 -
2009 2009		1321 Piedmont EMC in Duke and Progress Are 1323 Piedmont Municipal Power Agency (PMP)		4,745 21,427	4,745 21,427			2,842 12,832	2,842 12,832	:	-	(1,337) (6,037)	(1,337) (6,037)	1,832 8,275	1,832 8,275			1,175 5,306	1,175 5,306	:		233 1,050	233 - 1,050 -
2009	SERC	1589 Pointe Coupee Electric Memb. Corp.	U.S.	2,483	2,483			1,487	1,487			(700)	(700)	959	959			615	615	-	-	122	122 -
2009 2009		1266 PowerSouth Energy 1330 Prairie Power, Inc.	U.S. U.S.	77,575 14,433	77,575 14,433			46,460 8,644	46,460 8,644			(21,858) (4,067)	(21,858) (4,067)	29,960 5,574	29,960 5,574			19,210 3,574	19,210 3,574	- :		3,803 708	3,803 - 708 -
2009 2009		1324 Progress Energy Carolinas 1325 Rutherford EMC	U.S. U.S.	427,757 11.856	427,757 11.856			256,185 7.100	256,185 7.100			(120,530) (3.341)	(120,530) (3.341)	165,206 4,579	165,206 4,579			105,925 2,936	105,925 2,936	-		20,971 581	20,971 - 581 -
2009	SERC	1326 South Carolina Electric & Gas Company	U.S.	208,432	208,432			124,831	124,831			(58,730)	(58,730)	4,579 80,499	80,499			2,936 51,614	51,614			10,219	10,219 -
2009 2009		<ul> <li>1327 South Carolina Public Service Authority</li> <li>1590 South Louisiana Electric Cooperative Assertation</li> </ul>	U.S. U.S.	67,061 5,662	67,061 5,662			40,163 3,391	40,163 3,391			(18,896) (1,595)	(18,896) (1,595)	25,900 2,187	25,900 2,187			16,606 1,402	16,606 1,402	-		3,288 278	3,288 - 278 -
2009	SERC	1328 South Mississippi Electric Power Associat	U.S.	92,909	92,909			55,643	55,643		-	(26,179)	(26,179)	35,883	35,883			23,007	23,007		-	4,555	4,555 -
2009 2009		1329 Southern Illinois Power Cooperative 1591 Southwest Louisiana Electric Membership	U.S. U.S.	13,882 22,739	13,882 22,739			8,314 13,618	8,314 13,618		-	(3,912) (6,407)	(3,912) (6,407)	5,361 8,782	5,361 8,782			3,438 5,631	3,438 5,631	-	-	681 1,115	681 - 1,115 -
2009	SERC	1619 Southwestern Electric Cooperative, Inc.	U.S.	3,869	3,869			2,317	2,317			(1,090)	(1,090)	1,494	1,494			958	958	-	-	190	190 -
2009 2009		<ul> <li>1331 Tennessee Valley Authority</li> <li>1332 Tombigbee Electric Cooperative Inc.</li> </ul>	U.S. U.S.	1,550,739 1,227	1,550,739 1,227			928,743 735	928,743 735			(436,956) (346)	(436,956) (346)	598,917 474	598,917 474			384,009 304	384,009 304	-		76,026 60	76,026 - 60 -
2009	SERC	1592 Town of Black Creek, N.C.	U.S.	118	118			70	70 118	-	-	(33)	(33)	45 76	45 76			29 49	29 49	-	-	6	6 -
2009 2009	SERC	1593 Town of Lucama, N.C. 1594 Town of Sharpsburg, N.C.	U.S. U.S.	202	202			118 121	121			(55) (57)	(55) (57)	78	78			50	50			10	10 -
2009 2009	SERC	1595 Town of Stantonsburg, N.C. 1333 Town of Waynesville NC	U.S. U.S.	217 912	217 912	-		130 546	130 546			(61) (257)	(61) (257)	84 352	84 352			54 226	54 226	-		11 45	11 - 45 -
2009	SERC	1334 Town of Winnsboro SC	U.S.	713	713			427	427		-	(201)	(201)	275	275			177	177	-	-	35	35 -
2009 2009		<ul> <li>1335 Town of Winterville NC</li> <li>1596 Valley Electric Membership Corporation, I</li> </ul>	U.S.	482 1.569	482 1,569			289 940	289 940	:	-	(136) (442)	(136) (442)	186 606	186 606			119 389	119 389	-	:	24 77	24 - 77 -
2009		1597 Washington-St.Tammany Electric Cooper		10,331	10,331			6,187	6,187	:		(2,911)	(2,911)	3,990	3,990			2,558	2,558		<u> </u>	506	506 -
		TOTAL SERC		9,277,542	9,277,542	-		5,556,351	5,556,351			(2,614,159)	(2,614,159)	3,583,116	3,583,116			2,297,396	2,297,396	-		454,838	454,838 -
2009		1246 American Electric Power	U.S.	351,407	351,407			194,111	194,111			(91,325)	(91,325)	125,176	125,176			80,259	80,259	-		43,186	43,186 -
2009 2009		<ul> <li>1435 Arkansas Electric Cooperative Corporatic</li> <li>1247 Board of Public Utilities (Kansas City KS</li> </ul>		38,064 24,131	38,064 24,131			21,026 13,329	21,026 13,329		-	(9,892) (6,271)	(9,892) (6,271)	13,559 8,596	13,559 8,596			8,694 5,511	8,694 5,511	-	-	4,678 2,966	4,678 - 2,966 -
2009 2009	SPP	<ul> <li>Board of Public Utilities, City of McPhers</li> <li>Cap Rock Energy</li> </ul>		8,615 8,215	8,615 8,215	-		4,759 4.538	4,759 4,538			(2,239) (2,135)	(2,239) (2,135)	3,069 2,926	3,069 2,926		-	1,968 1,876	1,968 1,876	-		1,059 1,010	1,059 - 1,010 -
2009	511	THOSE CHARGE	0.5.	0,215	0,213	•	-	4,550	4,550	-	-	(2,133)	(2,150)	2,020	2,020	-	-	1,070	1,070	-		1,010	.,010

				Total NERC /	Assessments			NERC NEL Ass	essments		Penalty San	ctions	NERC Complianc	e Assessments (ex	. IESO & New Bru	ınswick)	NERC Complian	nce Assessment	s (ex.Quebec 8	& AESO)	NERC I	DC Assessments	
Data Year	Regional Entity	ID Entity Co	untry To	tal US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total	Total	US Total	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total	Total	US Total Can	ada Total
2009 2009			J.S. 7,75 J.S. 5,71		-	-	4,285 3.157	4,285 3,157		:	(2,016) (1,485)	(2,016) (1,485)	2,763 2,036	2,763 2.036	-		1,772 1,305	1,772 1.305			953 702	953 702	
2009	SPP	1557 City of Clarksdale, Mississippi	J.S. 1,73	4 1,734			958	958			(451)	(451)	618	618		-	396	396			213	213	
2009 2009			J.S. 2,89 J.S. 1,70				1,602 940	1,602 940	-		(754) (442)	(754) (442)	1,033 606	1,033 606		-	662 389	662 389		-	356 209	356 209	
2009	SPP	1248 Independence Power & Light (Independe	J.S. 10,97	0 10,970			6,059	6,059	-	-	(2,851)	(2,851)	3,908	3,908		-	2,505	2,505	-	-	1,348	1,348	
2009 2009			J.S. 31,38 J.S. 111,99				17,338 61,864	17,338 61,864			(8,157) (29,106)	(8,157) (29,106)	11,181 39,894	11,181 39,894		-	7,169 25,579	7,169 25,579		-	3,857 13,764	3,857 13,764	-
2009 2009			J.S. 4,11 J.S. 53.47				2,271 29.537	2,271 29.537	-	-	(1,068) (13,897)	(1,068) (13,897)	1,464 19.047	1,464 19.047		-	939 12,213	939 12.213	-	-	505 6,571	505 6.571	
2009			J.S. 53,47 J.S. 4,15				29,537	29,537			(1,078)	(1,078)	1,478	1,478		- 1	948	948	- :		510	510	
2009 2009			J.S. 45,40 J.S. 43,52				25,082 24,041	25,082 24,041	-	-	(11,800) (11,311)	(11,800) (11,311)	16,174 15,503	16,174 15,503		-	10,371 9,940	10,371 9,940			5,580 5,349	5,580 5,349	-
2009	SPP	1252 Kansas City Power & Light (KCPL)	J.S. 158,76	0 158,760			87,696	87,696		-	(41,259)	(41,259)	56,552	56,552		-	36,260	36,260	-		19,511	19,511	-
2009 2009		<ul> <li>1439 Kansas Electric Power Coop., Inc</li> <li>1440 Kansas Municipal Energy Agency (KCPL</li> </ul>	J.S. 20,66 J.S. 7.35				11,414 4.063	11,414 4.063	-		(5,370) (1,912)	(5,370) (1,912)	7,360 2.620	7,360 2.620		-	4,719 1.680	4,719 1,680		-	2,539 904	2,539 904	
2009	SPP	1598 KCP&L GMOC (Greater Missouri Operat	J.S. 85,73	4 85,734			47,358	47,358	-	-	(22,281)	(22,281)	30,539	30,539		-	19,581	19,581	-	-	10,536	10,536	
2009 2009			J.S. 21,13 J.S. 12,55				11,674 6,933	11,674 6,933			(5,492) (3,262)	(5,492) (3,262)	7,528 4,471	7,528 4,471		-	4,827 2,867	4,827 2,867		-	2,597 1,543	2,597 1,543	-
2009 2009		<ul> <li>1253 Louisiana Energy &amp; Power Authority (LEI</li> <li>1441 Midwest Energy Inc.</li> </ul>	J.S J.S. 16,30	0 16,300		-	9,004	9,004	-	-	(4,236)	(4,236)	5,806	5.806	-	-	- 3,723	- 3,723	-	-	2,003	2,003	-
2009	SPP	1443 Missouri Joint Municipal Electric Utility C	J.S. 22,41	3 22,413			12,380	12,380	-		(5,825)	(5,825)	7,984	7,984			5,119	5,119			2,754	2,754	
2009 2009		1442 Northeast Texas Electric Cooperative, Inc. 1255 Oklahoma Gas and Electric Co.	J.S. 30,52 J.S. 281,25				16,859 155,359	16,859 155,359	:	:	(7,932) (73,093)	(7,932) (73,093)	10,872 100,186	10,872 100,186		:	6,971 64,236	6,971 64.236	:	:	3,751 34,565	3,751 34,565	:
2009	SPP	1444 Oklahoma Municipal Power Authority	J.S. 25,44	4 25,444			14,055	14,055		-	(6,613)	(6,613)	9,063	9,063		-	5,811	5,811	-		3,127	3,127	-
2009 2009			J.S. 1,21 J.S. 2.19				669 1.211	669 1.211			(315) (570)	(315) (570)	432 781	432 781		-	277 501	277 501	-		149 269	149 269	-
2009	SPP	1258 Southwestern Power Administration (SP)	J.S. 40,76	1 40,761			22,516	22,516	-	-	(10,593)	(10,593)	14,520	14,520	-	-	9,310	9,310	-	-	5,009	5,009	-
2009 2009			J.S. 198,77 J.S. 54,24				109,800 29,965	109,800 29,965	-		(51,659) (14,098)	(51,659) (14,098)	70,806 19,324	70,806 19,324			45,399 12,390	45,399 12,390			24,429 6,667	24,429 6,667	
2009	SPP	1445 Tex - La Electric Cooperative of Texas	J.S. 4,69	1 4,691			2,591	2,591	-	-	(1,219)	(1,219)	1,671	1,671		-	1,071	1,071 936	-		576	576	-
2009 2009			J.S. 4,09 J.S. 224,67				2,263 124,108	2,263 124,108			(1,064) (58,390)	(1,064) (58,390)	1,459 80,033	1,459 80,033		- 1	936 51,315	51,315			503 27,612	503 27,612	
2009 2009			J.S. 75,15 J.S. 19,43				41,515 10.734	41,515 10.734	:	:	(19,532) (5,050)	(19,532) (5,050)	26,772 6.922	26,772 6.922	:	:	17,165 4.438	17,165 4.438	:	:	9,236 2,388	9,236 2.388	:
2000	0	TOTAL SPP	2,062,61				1,139,352	1,139,352	-		(536,044)	(536,044)	734,733	734,733			471,090	471,090		-	253,487	253,487	
2009	TRE	1019 ERCOT	J.S. <u>2,747,05</u>			-	1,730,038	1,730,038			(813,951)	(813,951)	1,115,647	1,115,647			715,322	715,322	-		-	-	
			2,747,05	7 2,747,057	-	-	1,730,038	1,730,038			(813,951)	(813,951)	1,115,647	1,115,647	-		715,322	715,322	-		-	-	-
2009 2009		Alberta Electric System Operator C British Columbia Transmission Corporatic C	anada 521,23 anada 699,68		521,236 699,689		316,886 339,929		316,886 339,929		-	-	204,350 219,209		204,350 219,209	-	140,551		- 140,551			-	
2009		Comision Federal de Electricidad N	exico 124,09	1 -	-	124,091	60,287			60,287			38,877		219,209	38,877	24,927		- 140,551	24,927			
2009			J.S. 25				159	159	:		(75)	(75)	103	103	:		66 58	66 58	:	- ,,	:	:	
2009 2009	WECC	Aha Macav Power Service Ajo Improvement District	J.S. 22 J.S. 12	1 221 4 124	:	-	139 78	139 78	:		(66) (37)	(66) (37)	90 50	90 50	-		58 32	58 32	:		:	:	:
2009 2009 2009	WECC WECC	Aha Macav Power Service Ajo Improvement District Ak-Chin	J.S. 22 J.S. 12 J.S. 27	1 221 4 124 5 275	:		139 78 173	139 78 173	-	-	(66) (37) (81)	(66) (37) (81)	90 50 112	90 50 112	-		58 32 72	58		-	-		
2009 2009 2009 2009 2009	WECC WECC WECC WECC	Ana Macav Power Service Ajo Improvement District Ak-Chin ALCOA INC. Arizona Public Service Company	J.S. 22 J.S. 12 J.S. 27 J.S. 22,15 J.S. 273,67	1 221 4 124 5 275 8 22,158 5 273,675			139 78 173 13,955 172,355	139 78 173 13,955 172,355	- - - -	-	(66) (37) (81) (6,565) (81,090)	(66) (37) (81) (6,565) (81,090)	90 50 112 8,999 111,146	90 50 112 8,999 111,146	:		58 32 72 5,770 71,264	58 32 72 5,770 71,264		-	-		-
2009 2009 2009 2009	WECC WECC WECC WECC WECC	Aha Macav Power Service Ajo Improvement District Ak-Chin ALCOA INC. Arizona Public Service Company Arkansas River Power Authority (ARPA)	J.S. 22 J.S. 12 J.S. 27 J.S. 22,15	1 221 4 124 5 275 8 22,158 5 273,675 3 2,203	- - - - - -		139 78 173 13,955	139 78 173 13,955	-		(66) (37) (81) (6,565)	(66) (37) (81) (6,565)	90 50 112 8,999	90 50 112 8,999	: : : :		58 32 72 5,770	58 32 72 5,770		-		-	
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC	Aha Macaw Power Service Ajo Improvement District Ak-Chin ALCOA INC. Arizona Public Service Company Arkansas River Power Authority (ARPA) Ariington Valley Avista Adjusted LSE NEL	J.S. 22 J.S. 12 J.S. 27 J.S. 22,16 J.S. 273,67 J.S. 2,20 J.S. 4,96	1 221 4 124 5 275 8 22,158 5 273,675 3 2,203 1 11 3 84,953		- - - - - - -	139 78 173 13,955 172,355 1,387 7 53,501	139 78 173 13,955 172,355 1,387 7 53,501		-	(66) (37) (81) (6,565) (81,090) (653) (3) (25,171)	(66) (37) (81) (6,565) (81,090) (653) (3) (25,171)	90 50 112 8,999 111,146 895 4 34,501	90 50 112 8,999 111,146 895 4 34,501	- - - - - - -	-	58 32 72 5,770 71,264 574 3 22,121	58 32 72 5,770 71,264 574 3 22,121	-		-		-
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	Aha Macav Power Service Ajo Improvement District Ak-Chin ALCOA INC. Arizona Public Service Company Arkansas River Power Authority (ARPA) Arlington Valley Avista Adjusted LSE NEL AVISTA CORPORATION Barrick Godd Strike	J.S. 22 J.S. 12 J.S. 27 J.S. 22,15 J.S. 273,67 J.S. 2,20 J.S. 1	1 221 4 124 5 275 8 22,158 5 273,675 3 2,203 1 11 3 84,953 0 2,060 4 11,174		- - - - - - - -	139 78 173 13,955 172,355 1,387 7 53,501 1,297 7,037	139 78 173 13,955 172,355 1,387 7 53,501 1,297 7,037	-		(66) (37) (81) (6,565) (81,090) (653) (3) (25,171) (610) (3,311)	(66) (37) (81) (6,565) (81,090) (653) (3)	90 50 112 8,999 111,146 895 4 34,501 837 4,538	90 50 112 8,999 111,146 895 4	-		58 32 72 5,770 71,264 574 3	58 32 72 5,770 71,264 574 3 22,121 536 2,910		-	-		
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	Aha Mazav Power Service Alo Improvement District Ak-Chin AL-COA INC. Arizona Public Service Company Arizona Public Service Company Arizona Public Service Company Arizona Coale Arizona Coale Arizona Coale Arizona Coale Arizona Ariz	J.S. 22 J.S. 12 J.S. 22,18 J.S. 22,18 J.S. 273,67 J.S. 2,20 J.S. 1 J.S. 84,98 J.S. 2,00 J.S. 11,17 J.S. 27,28	1 221 4 124 5 275 8 22,158 5 273,675 3 2,203 1 11 3 84,953 0 2,060 4 11,174 4 27,284		-	139 78 173 13,955 172,355 1,387 7 53,501 1,297 7,037 17,183	139 78 173 13,955 172,355 1,387 7 53,501 1,297 7,037 17,183	-		(66) (37) (81) (6,565) (81,090) (653) (3) (25,171) (610) (3,311) (8,084)	(66) (37) (81) (6,565) (81,090) (653) (3) (25,171) (610) (3,311) (8,084)	90 50 112 8,999 111,146 895 4 34,501 837 4,538 11,081	90 50 112 8,999 111,146 895 4 34,501 837 4,538 11,081			58 32 72 5,770 71,264 574 3 22,121 536 2,910 7,105	58 32 72 5,770 71,264 574 3 22,121 536 2,910 7,105		-			
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	Aha Mazav Power Service Aha Marcav Power Service Ak-Chin Barrick God Strike Basin Electric Power Cooperative Basin Electric Power Cooperative (WAUV) BENTON REA	J.S. 22 J.S. 12 J.S. 22,15 J.S. 223,16 J.S. 273,66 J.S. 2,20 J.S. 11 J.S. 84,99 J.S. 11,17 J.S. 27,22 J.S. 11,17 J.S. 51 J.S. 51	1 221 4 124 5 275 8 22,158 5 273,675 3 2,203 1 11 3 84,953 0 2,060 4 11,174 4 27,284 5 138 5 138	-		139 78 173 13,955 172,355 1,387 7 53,501 1,297 7,037 17,183 323 3,267	139 78 173 13,955 172,355 1,387 7 53,501 1,297 7,037 17,183 323 3,267	-		(66) (37) (81) (6,565) (81,090) (653) (3) (25,171) (610) (3,311) (8,084) (152) (1,537)	(66) (37) (81) (6,565) (81,090) (653) (3) (25,171) (610) (3,311) (8,084) (152) (1,537)	90 50 112 8,999 111,146 895 4 34,501 837 4,538 11,081 208 2,107	90 50 112 8,999 111,146 895 4 34,501 837 4,538 11,081 208 2,107			58 32 72 5,770 71,264 574 3 22,121 536 2,910 7,105 133 1,351	58 32 72 5,770 71,264 574 3 22,121 536 2,910 7,105 133 1,351		-			
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	Aha Macav Power Service Ajo Improvement District Ak-Chin ALCOA INC. Arizona Public Service Company Arkansas River Power Authority (ARPA) Arlington Valley Avista Adjusted LSE NEL AVISTA CORPORATION Barrick Gold Strike Basin Electric Power Cooperative Besin Electric Power Cooperative BENTON REA Bis Bend Electric Cooperative (WAUV) BENTON REA Bis Bend Electric Cooperative, Inc. (Avisti	J.S. 22 J.S. 12 J.S. 22 J.S. 22 J.S. 22,11 J.S. 22,15 J.S. 22,15 J.S. 2,06 J.S. 11,17 J.S. 2,06 J.S. 11,17 J.S. 5,18 J.S. 5,18 J.S. 5,18 J.S. 5,18	1 221 4 124 5 275 8 22,158 5 273,675 3 2,203 1 11 3 84,953 0 2,060 4 11,174 4 27,284 3 5,188 5,188 1 1,661	-		139 78 173 13,955 172,355 1,387 7 53,501 1,297 7,037 17,183 323 3,267 1,046	139 78 173 13,955 172,355 1,387 7 53,501 1,297 7,037 17,183 323 3,267 1,046			(66) (37) (81) (6,565) (81,090) (653) (3) (25,171) (610) (3,311) (8,084) (152)	(66) (37) (81) (6,565) (81,090) (653) (3) (25,171) (610) (3,311) (8,084) (152)	90 50 112 8,999 111,146 895 4 34,501 837 4,538 11,081 208 2,107 675	90 50 112 8,999 111,146 895 4 34,501 837 4,538 11,081 208	-	-	58 32 72 5,770 71,264 574 3 22,121 536 2,910 7,105 133	58 32 72 5,770 71,264 574 3 22,121 536 2,910 7,105 133 1,351 432		-			
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	Aha Macav Power Service Alo Improvement District Ak-Chin ALCOA INC. ALCOA INC. ALCOA INC. ALCOA INC. Alcona Public Service Company Arkansas River Power Authority (ARPA) Arlington Valley Avista Adjusted LSE NEL AVISTA CORPORATION Barrick Gold Strike Basin Electric Power Cooperative Basin Electric Power Cooperative BENTON REA BIS Bend Electric Cooperative, Inc. (Avists BIS BEND ELECTRIC COOPERATIVE, I BLACHLY-LANE ELECTRIC COOPERATIVE, I BLACHLY-LANE ELECTRIC COOPERATIVE, I	J.S. 22, 18, 19, 18, 19, 19, 19, 19, 19, 19, 19, 19, 19, 19	1 221 4 124 5 275 8 22,158 5 273,675 3 2,203 1 11 3 84,953 0 2,060 4 11,174 4 27,284 3 513 8 5,188 1 1,661 9 3,009 6 1,266			139 78 173 13,955 172,355 1,387 7 53,501 1,297 7,037 17,183 323 3,267 1,046 1,945 797	139 78 173 13,955 172,355 1,387 7 53,501 1,297 7,037 17,183 323 3,267 1,046 1,945 797			(66) (37) (81) (6,565) (81,090) (653) (3) (25,171) (610) (3,311) (8,084) (152) (1,537) (492) (915) (375)	(66) (37) (81) (6,565) (81,090) (653) (25,171) (610) (3,311) (8,084) (152) (1,537) (492) (915) (375)	90 50 112 8,999 111,146 895 4 34,501 837 4,538 11,081 208 2,107 675 1,254 514	90 50 112 8,999 111,146 895 4 34,501 837 4,538 11,081 208 2,107 675 1,254 514	- - - - - - - - - - - - - - - - - - -		58 32 72 5,770 71,264 574 3 22,121 536 2,910 7,105 133 1,351 432 804 330	58 32 72 5,770 71,264 574 3 22,121 536 2,910 7,105 133 1,351 432 804		-			
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	Aha Mazav Power Service Alongrowment District Ak-Chin ALCOA INC. Arizona Public Service Company Arizonas River Power Authority (ARPA) Arlington Valley Avista Adjusted LSE NEL AVISTA CORPORATION Burrick Gold Strike Basin Electric Power Cooperative Basin Electric Power Cooperative (WAUV) BENTON REA Big Bend Electric Cooperative, Inc. (Avistt BIG BEND ELECTRIC COOPERATIVE, I BLACHLY-LANE ELECTRIC COOPERATI BISACH IIB Power	J.S. 22, 18. 19. 18. 19. 18. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19	1 221 4 124 5 275 8 22,158 5 273,675 3 2,203 1 11 3 84,953 0 4 11,174 4 27,284 3 513 8 5,188 1 1,661 9 3,089 6 1,266 8 16,598			139 78 173 13,955 172,355 1,387 7 53,501 1,297 7,037 17,183 323 3,267 1,046 1,945	139 78 173 13,955 172,355 1,387 7 53,501 1,297 7,037 17,183 323 3,267 1,046 1,945 797 10,453			(66) (37) (81) (6.565) (81,090) (653) (3) (25,171) (610) (3,311) (8,084) (152) (1,537) (492) (915) (375) (4,918) (46)	(66) (37) (81) (6,565) (81,090) (653) (3) (25,171) (610) (3,311) (8,084) (152) (1,537) (492) (915) (375) (4,918) (46)	90 50 112 8,999 111,146 895 4 4,501 837 4,538 11,081 208 2,107 675 1,254 514 6,741 63	90 50 112 8,999 111,146 895 4 34,501 837 4,538 11,081 208 2,107 675			58 32 72 5,770 71,264 574 3 22,121 536 2,910 7,105 133 1,351 432 804 330 4,322 40	58 32 72 5,770 71,264 3 22,121 536 2,910 7,105 133 1,351 432 804 330 4,322					
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	Aha Mazav Power Service Aha Mazav Power Service Ak-Chin ALCOA INC. Arizona Public Service Company Arizonas River Power Authority (ARPA) Arlington Valley Avista Adjusted LES NEL AVISTA CORPORATION Barrick Gold Strike Basin Electric Power Cooperative Basin Electric Power Cooperative (WAUV) BENTON REA Big Bend Electric Cooperative, Inc. (Avista Big Bend Electric Cooperative) BIS BEND ELECTRIC COOPERATIVE, I BLACHLY-LANE ELECTRIC COOPERAT Black Hills Power Black Hills State University (State of SD) Black Hills Styporing, Inc.	J.S. 22, 18. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19	1 221 4 124 5 275 8 22,158 5 273,675 3 2,203 1 11 3 84,953 0 2,060 4 11,174 4 27,284 3 513 8 1,186 1 1,66 1 1,68 1 6,598 5 16,598 5 6 39,766			139 78 173 13,955 172,355 172,355 1,387 7 53,501 1,297 7,037 17,183 323 3,267 1,046 1,945 797 10,453 98	139 78 173 13,955 172,355 172,355 1,387 7 53,501 1,297 7,037 17,183 323 3,267 1,046 1,945 797 10,453 98 25,044			(66) (37) (81) (6,565) (81,090) (653) (3) (25,171) (610) (3,311) (8,084) (152) (1,537) (492) (915) (375) (4,918) (46) (11,783)	(66) (37) (81) (6,565) (81,090) (653) (3) (25,171) (610) (3,311) (8,084) (152) (1,537) (492) (915) (375) (4,918) (46) (11,783)	90 50 112 8,999 111,146 895 4 34,501 4,538 11,081 208 2,107 675 1,254 514 6,741 63 11,150	90 50 112 8,999 111,146 895 4 34,501 837 4,538 11,081 2,007 675 1,254 6,741 63 16,150			58 32 72 5,770 71,264 574 3 22,121 536 2,910 7,105 133 1,351 432 804 330 4,322 40	58 32 72 5,770 71,264 574 3 22,121 536 2,910 7,105 133 1,351 432 804 330 4,322 40 10,355					
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	Aha Mazav Power Service Ala Improvement District Ak-Chin ALCOA INC. Arizona Public Service Company Arisonas River Power Authority (ARPA) Ariington Valley Avista Adjusted LSE NEL AVISTA CORPORATION Barrick Gold Strike Basin Electric Power Cooperative Basin Electric Power Cooperative (WAUV BENTON REA Big Bend Electric COOPERATIVE, In BLACHLY-LANE ELECTRIC COOPERA Bisck Hills State University (State of SD) Black Hills State University (State of SD) Black Hills Wyoming, Inc. Bonneville Power ((NorthWestern Egrey) Bonneville Power ((NorthWestern Energy)	J.S. 22, 18. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19	1 221 4 124 5 275 8 22,158 5 273,675 3 2,203 1 113 3 84,953 0 2,060 4 27,264 4 27,264 4 27,264 5 1,186 1 1,661 9 3,069 8 16,598 1 1,566 6 39,766 276 1 1,251			139 78 173 13,955 172,355 1,387 7 53,501 1,297 7,037 17,183 323 3,267 1,046 1,945 797 10,453 98 25,044 174 788	139 78 173 13,955 172,355 1,387 7 53,501 1,297 7,037 17,183 323 3,267 1,046 1,945 797 10,453 98 825,044 174			(66) (37) (81) (6.565) (81,090) (653) (3.311) (3.311) (3.311) (3.311) (4.92) (915) (4.912) (4.1783) (4.912) (4.1783) (4.912) (4.1783) (8.1783)	(66) (37) (61,565) (81,090) (653) (3) (251,771) (610) (3,311) (8,084) (152) (492) (915) (375) (4,918) (46) (11,783) (82) (371)	90 50 112 8,999 111,146 895 34,501 33,501 208 2,107 675 1,254 514 6,741 63 15,150 112 508	90 50 112 8,999 111,146 895 4 34,501 4,538 11,081 208 2,107 675 1,254 514 6,741 63 16,150 112 508			58 32 72 5,770 71,264 574 3 22,121 536 2,910 7,105 133 1,351 432 804 330 4,322 60 10,355 72 326	58 32 72 5.770 71.264 574 3 3 22,121 536 2.910 7.105 133 1.351 432 804 4.322 40 10.355 72 2 326					
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	Aha Mazav Power Service Aha Mazav Power Service Al-Chin ALCOA INC. Arzona Public Service Company Arkansas River Power Authority (ARPA) Arlington Valley Avista Adjusted LSE NEL AVISTA CORPORATION Barrick Gold Strike Basin Electric Power Cooperative Basin Electric Power Cooperative Besin Electric Power Cooperative, Inc. (Avista Big Bend Electric Inc.) BIACHLY-LANE ELECTRIC COOPERAT Black Hills State University (State of SD) Black Hills Wyoming, Inc. Bonneville Power (PluD No. 2)	J.S. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 24, 18. 24, 18. 24, 18. 24, 18. 24, 18. 25, 18. 2	1 221 4 221 4 224 5 275 8 221,58 8 221,58 8 5 273,675 3 2,203 1 11 3 84,953 0 2,060 4 11,174 4 27,244 27,245 8 5,188 5,188 5,188 5,188 5,188 5,186 6 37,66 6 27,66 6 27,66 6 27,66 6 27,66 8 14,251 8 14,88			139 78 173 13,955 172,355 1,387 7 53,501 1,297 7,037 17,183 323 3,267 1,046 1,945 7,	139 78 78 78 78 78 78 78 78 78 78 78 78 78			(66) (37) (31) (5,965) (81,966) (853) (33) (25,171) (610) (3,3311) (3,3311) (492) (1,537) (492) (4,918	(66) (37) (81) (6,565) (653) (653) (25,171) (610) (3,311) (8,084) (152) (1,537) (492) (915) (375) (4,3	90 50 112 8,999 111,146 895 4 34,501 837 4,538 11,081 208 2,107 675 1,254 514 6,741 63 11,150 63 112 508 60	90 50 112 8,999 111,146 895 4 34,501 837 4,538 11,081 208 2,107 675 1,254 514 63 16,150 112 508 60			58 32 72 5,770 71,264 574 3 22,121 536 2,910 7,105 133 1,351 432 432 400 10,355 72 326 38	58 32 77 77 77 5770 71,264 556 52,910 7,105 133 1,351 432 40 10,355 72 326 38					
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	Aha Mazav Power Service Aha Mazav Power Service Al-Chin Al-Chin ALCOA INC. Arzona Public Service Company Arkansas River Power Authority (ARPA) Arlington Valley Avista Adjusted LSE NEL AVISTA CORPORATION Barrick Gold Strike Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative, Inc. (Avista Big Bend Electric IC COOPERAT' El BLACHLY-LANE ELECTRIC COOPERA' Black Hills State University (State of SD) Black Hills State University (State of SD) Bonewille Power (PUD No. 2) Bonnewille Power Administration (Avista) Bonnewille Power Administration BPA	1.8. 22 1.8. 12 1.8. 22 1.8. 22 1.8. 22 1.8. 22 1.8. 22 1.8. 22 1.8. 22 1.8. 22 1.8. 22 1.8. 24 1.8. 24 1.8. 24 1.8. 18 1.8. 18 1.8. 18 1.8. 18 1.8. 18 1.8. 18 1.8. 18 1.8. 18 1.8. 18 1.8. 18 1.8. 18 1.8. 18 1.8. 18 1.8. 18 1.8. 39 1.8. 12 1.8. 39 1.9. 39 1.9. 3	1 221 4 221 4 224 5 275 8 221,58 8 221,58 8 5 273,675 3 2,203 1 11 3 0 2,060 4 11,174 4 27,264 27,264 9 3,089 6 1,266 6 1,266 6 276 6 276 6 276 6 1 1,251 8 148 8 148 1 1,251 8 148 6 5 3,0766 6 276 6 276 7 1,747			139 78 173 173 174 175 175 175 175 175 175 175 175 175 175	139 78 78 78 78 78 78 78 78 78 78 78 78 78			(66) (37) (81) (81) (86,086) (81,096) (653) (33) (25,171) (610) (33,311) (33,311) (49,084) (49,187) (4915) (371) (4916) (11,783) (4916) (11,783) (491) (40) (41,783) (44) (10,084) (518)	(66) (37) (81) (6,565) (81,080) (653) (653) (653) (75,171) (81,084) (152) (1,537) (492) (1,537) (492) (1,733)	90 50 112 8,999 111,146 895 4 34,501 837 4,538 11,081 208 2,107 675 1,254 514 6,741 6,741 6,741 6,741 6,741 6,150 112 508 60 13,794 710	90 50 112 8,999 111,146 895 4 4,501 208 2,107 675 1,254 514 6,741 6,741 6,741 112 508 60 11,794 710			58 32 72 5,770 71,264 574 3 22,121 536 2,910 7,105 133 1,351 432 804 330 4,322 40 10,355 72 326 38 8,844 455	58 32 72 72 5.770 71.264 71.264 71.264 71.264 71.264 71.264 71.264 71.265 71.26					
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	Aha Mazav Power Service Aha Mazav Power Service Al-Chin Al-Chin ALCOA INC. Arzona Public Service Company Arkanisas River Power Authority (ARPA) Arlington Valley Awista Adjusted LSE NEL AVISTA CORPORATION Barrick Gold Strike Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative, Inc. (Avista Big Bend Electric Tooperative, Inc. (Avista) Bonneville Power Administration BPA BPA - Power Business Line Buckeye Water Conservation and Draina;	J.S. 22, 18. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19	1 221 4 4 124 5 275 8 22.18 8 22.18 5 5 273.675 3 2 203 3 2 203 3 1 1 11 3 8 4.953 3 0 2 (20 4 10.18 4 4 4 27.284 4 4 27.284 4 3 7.284 6 1 1.266 8 16.58 16.58 16.58 6 39.766 6 276 1 1.251 14.8 14.8 5 33.965 6 37.767 6 6 66 66			139 78 173 13,955 172,355 1,387 7 7 53,501 12,297 12,323 3,267 1,046 1,945 797 10,453 93 21,390 93 21,390	139 78 173 13,955 172,355 1,387 7 53,501 1,297 7,037 17,183 323 3,267 1,046 1,945 797 10,453 98 25,044 178 88 93 21,390			(66) (37) (81) (6,565) (81,090) (653) (3) (25,171) (610) (3,311) (8,094) (152) (15,377) (4,912) (915) (3,718) (4,918) (4,918) (810) (371) (4,918) (810) (810) (810) (811) (810) (810) (811) (810) (811	(66) (377) (811) (6.565) (81,000) (653) (36,000) (653) (25,171) (610) (3.311) (8.084) (152) (1537) (442) (11,783) (82) (377) (4,918) (46) (11,783) (82) (371) (44) (10,084)	90 50 112 8,999 111,146 895 434,501 837 4,538 11,081 2,08 2,107 675 1,254 514 6,741 63 15,150 112 508 60 13,794	90 50 112 8,999 111,146 895 4 34,501 837 4,538 11,081 208 2,107 675 1,254 514 6,741 63 11,50 112 508 60 13,794			58 32 72 5.770 71.264 574 3 3 22.121 536 2.910 7.105 133 1.351 432 40 330 4.322 40 10.355 72 326 38 8.844	58 32 72 72 5,770 471,264 574 3 22,121 538 2,910 7,105 133 1,351 432 2,910 10,355 72 2 326 38 8,844					
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	Aha Mazav Power Service Aha Mazav Power Service Ak-Chin Basan Electric Power Cooperative Basin Electric Cooperative Basin Electric Cooperative Bin Bend Electric Cooperative Bin Bonnewille Power (NorthWestern Energy) Bonnewille Power Administration BPA BPA - Power Business Line Buckeye Water Conservation and Drainas California ISO	J.S. 22, 18, 18, 18, 18, 18, 18, 18, 18, 18, 18	1 221 4 221 4 24 5 275 8 22.18 6 22.18 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6			139 78 173 173 174 175 175 175 175 175 175 175 175 175 175	139 78 173 13,955 1,387 7 53,501 1,297 7,037 17,183 323 3,267 1,046 1,945 797 10,453 98 25,044 1,74 174 174 174 174 174 174 174 174 174 1			(66) (37) (81) (8.565) (81,090) (653) (653) (653) (25,171) (33,311) (401) (152) (1537) (4915) (3715) (4,916) (471) (444) (11,783) (82) (871) (446) (11,783) (82) (871) (464) (11,064) (518) (612,190)	(66) (37) (81) (6,565) (81,090) (65,565) (81,090) (65,50) (73,000) (73,000) (73,000) (74,000) (75,000)	90 50 112 8,999 111,146 895 4 34,501 837 4,538 11,081 2,107 675 1,254 514 6,741 6,74	90 50 112 8,999 1111,146 837 4,34,501 208 2,107 675 1,254 514 6,741 63 16,150 112 508 60 13,794 710 27 65 583,103			58 32 72 77 71,264 574 3 3 22,121 538 2,910 7,105 133 1,351 432 40 330 4,322 40 10,355 72 326 38 8,844 455 17 42 538,010	58 32 2 72 72 53,000 71,284 574 574 574 574 574 574 574 574 574 57					
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	Aha Mazav Power Service Aha Improvement District Ak-Chin Basin Electric Power Authority (ARPA) Ak-Kington Valley Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Cooperative Basin Electric Cooperative Basin Electric Cooperative Basin Electric Cooperative Bin Delectric Cooperative Bin Delec	J.S. 22, 18, 18, 18, 18, 18, 18, 18, 18, 18, 18	1 221 4 225 4 275 275 275 275 275 275 275 275 275 275			139 78 173 13,955 172,255 1,387 7 53,801 1,297 7,037 17,183 32,267 1,046 1,945 797 10,453 98 25,044 174 788 93 21,390 1,100 1,200 1,	139 78 173 13,955 172,355 1,387 7,53,501 1,297 7,037 17,183 3,267 1,046 1,945 1945 1945 1945 1945 1945 1945 1945 1			(66) (37) (81) (6,565) (81,090) (653) (37) (81,090) (653) (3,311) (610) (3,311) (492) (915) (375) (4,918) (46) (11,537) (492) (47) (48) (10,064) (518) (20) (47)	(66) (37) (81) (655) (81,090) (653) (33) (653) (653) (653) (653) (75,171) (	90 50 112 8,999 111,146 895 4 34,501 837 4,538 11,081 208 2,107 675 1,254 514 6,741	90 50 112 8,999 111,146 895 4 4,501 208 2,107 675 1,254 514 6,741 6,741 6,741 112 508 60 13,794 710 27 65			58 32 72 5,770 71,264 574 3 22,121 536 2,910 7,105 133 1,351 432 804 330 4,322 40 10,355 72 326 8,844 4555 17 42	58 32 2 72 5,770 5 770 71,264 574 3 22,121 556 2,910 7,105 133 1,351 1,351 2,352 804 4 332 2 40 10,355 5 72 326 38 8,844 455 17 42					
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	Aha Macaw Power Service Aha Marcaw Power Service Ak-Chin Barick Gold Strike Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative Besin Electric Power Cooperative, Inc. (Avista Big Bend Electric Cooperative, Inc. (Avista Big Bend Electric Cooperative, Inc. (Avista Big Bend Electric Cooperative, Inc. Big Bend Electric Bend Electric Cooperative, Inc. Big Bend Elect	1.8. 22, 18. 19. 18. 19. 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 24, 18. 2	1 221 4 225 4 275 275 275 275 275 275 275 275 275 275			139 78 173 172,355 172,355 172,355 172,355 172,355 172,357 7,037 17,183 323 3267 1,046 1,945 797 10,453 98 25,044 174 788 93 21,390 1,100 42 1,001,200 999 14,839 2,910	139 78 139 179 179 179 179 179 179 179 179 179 17			(66) (37) (81) (6.565) (81,090) (653) (33) (25,171) (610) (3,311) (410) (1,537) (492) (915) (375) (492) (411,783) (82) (11,783) (82) (10,064) (518) (610) (612) (67) (69,81)	(66) (37) (81) (6,565) (81,000) (65,300) (85,300) (85,300) (85,300) (85,311) (8,004) (152) (1,57) (492) (45) (375) (4,918) (82) (371) (44) (10,064) (518) (20) (6,981) (1,369)	90 50 112 8,999 111,146 895 4 4 34,501 837 4,538 11,081 208 2,107 675 1,254 514 6,741 63 16,150 112 258 80 13,794 710 27 65 83,103 64 9,569 84 9,569 9,569 1,876	90 50 112 8,999 111,146 895 14 4 4 4,531 3 4 5 11,081 208 2,107 675 1,254 514 6,741 65 60 13,794 710 27 65 63 103 644 9,569 1,876 1,876			58 32 72 5,770 71,264 574 3 22,121 536 2,910 7,105 133 1,361 432 804 330 4,322 40 10,355 72 326 38 8,844 455 17 42 538,010 413 6,135	58 32 2 72 57.70 51.70 51.264 574 3 22.121 536 2.910 71.064 330 4.322 4.322 4.322 538.010 4.335 572 52 536.010 4.335 5.72 536.010 4.335 5.72 536.010 4.335 5.72 536.010 4.335 5.72 536.010 4.335 5.72 536.010 4.335 5.72 536.010 4.335 5.72 536.010 4.335 5.72 536.010 4.335 5.72 536.010 4.335 5.72 536.010 4.335 5.72 536.010 4.335 5.72 536.010 4.33 6.135 5.72 536.010 5.72 5					
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	Ana Maraw Power Service Ana Maraw Power Service Al Chin ALCOA INC. Alzona Public Senvice Company Arkansas River Power Authority (ARPA) Arlington Valley Awista Adjusted LSE NEL AVISTA CORPORATION Barrick Gold Strike Basin Electric Power Cooperative Basin Electric Cooperative Basin Electric Cooperative Big Bend Electric Bound Big Bend Electric Cooperative Big Bend Electric Bend Electric Big Bendelle Buckeye Water Conservation and Draina; California ISO Canby Public Utility Board Central Arizona Water Conservation Distr CENTRAL LINCOLN PUD Central Montana	1.8. 22, 18. 19. 18. 19. 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 24, 18. 2	1 221 4 225 4 275 5 275 5 275 5 273,675 3 2,203 1 11,31 3 2 2,060 1 1,266 6 1,266 6 39,766 6			139 78 173 172 175 172 175 175 175 175 175 175 175 175 175 175	139 78 173 13,955 172,355 1,387 7,337 7,337 17,183 323 3,267 1,046 1,945 797 10,453 10,453 10,453 11,201 11,101 11,101 11,101 12,101 13			(66) (37) (81) (6,565) (81,090) (653) (37) (81,090) (653) (3,311) (610) (3,311) (492) (915) (375) (492) (915) (375) (491) (40) (11,783) (491) (40) (510) (20) (47) (6,981) (47) (6,981) (47) (6,981) (47) (6,981) (1,368) (47) (6,981) (1,368) (47) (6,981) (1,368) (3,568) (3,568) (1,688) (1,568) (1	(66) (37) (81) (6,565) (81,000) (65,565) (81,000) (65,565) (81,000) (65,565) (81,000) (71,000	90 50 112 8,999 111,146 895 4 34,501 837 4,538 11,081 208 2,107 675 1,254 514 6,741 63 16,150 112 508 60 13,794 71 27 65 83,103 65 83,103 64 9,669 9,669 1,876 4,866 4,8	90 50 112 8,999 111,146 895 24 4 34,501 12 837 4,538 11,081 208 2,107 675 1,254 514 6,741 63 16,150 60 13,794 9,569 9,569 9,569 4,866 232			58 32 72 72 5,770 71,264 574 574 53 22,121 536 2,910 7,105 133 1,351 432 804 330 4,322 40 10,355 72 326 38 8,844 455 17 47 435 58,010 413 6,135 1,203 3,120 3,120 149	58 32 72 72 77 71,264 574 3 32 74 74 75 75 76 76 77 1,264 574 74 75 75 75 75 75 75 75 75 75 75 75 75 75					
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	Aha Mazav Power Service Alo Improvement District Ak-Chin ALCOA INC. Arizona Public Service Company Arizonas River Power Authority (ARPA) Ariington Valley Avista Adjusted LSE NEL AVISTA CORPORATION Barrick God Strike Basin Electric Power Cooperative Basin Electric COOPERATIVE Basin Hills Power Cooperative Black Hills Cower Black Black Hills Cower Black Black Hills Cower Black Hills State University (State of SD) Black Hills Wyoming, Inc. Bonnewille Power (NorthWestern Energy) Bonnewille Power Administration BPA BPA - Power Business Line Buckeye Water Conservation and Draina; California EO Canton Tarizonal Water Conservation Distr CENTRAL ELECTRIC COOPERATIVE, I CENTRAL LINCOLN PUU Central Montana	J.S. 22, 18. 21, 18. 22, 18. 22, 18. 22, 18. 24, 18. 20, 18. 24, 18. 20, 18. 20, 18. 20, 18. 20, 18. 20, 18. 20, 18. 20, 18. 20, 18. 20, 18. 20, 19. 2	1 221 4 124 5 275 8 221,58 5 273,675 3 2,203 1 1 11,174 4 122,080 4 11,774 4 27,284 3 51,88 1 1,861 9 3,089 8 16,588 1 1,266 6 37,66 6 39,766 6 39,766 6 39,766 6 11,251 7 1,747 6 66 7 1,586 7 1,747 7 6,67			139 78 173 174 175 176 177 183 177 177 183 177 177 183 177 177 183 177 177 183 177 177 183 177 177 183 177 177 183 177 177 183 177 177 183 177 177 183 177 177 183 177 177 183 177 177 183 177 183 177 177 183 177 177 183 177 177 183 177 177 183 177 177 178 177 178 177 178 177 178 177 177	139 78 173 13,955 172,355 1,387 7 53,501 1,297 7,037 1,7183 322 1,3267 1,945 1,945 1,945 1,945 1,100 1,100 1,301,200 1,100 1,301,200 1,4839 21,390 1,100 1,4839 21,390 1,100 1,4839 21,390 1,100 1,4839 21,390 1,100 1,301,200 1,3			(66) (37) (81) (6.565) (81,090) (81,090) (853) (31) (25,171) (810) (33) (25,171) (33,311) (492) (152) (1537) (492) (4915) (375) (82) (377) (4916) (11,783) (82) (371) (444) (518) (612,190) (470) (470) (612,190) (470) (6,981) (1,388) (1,3889) (1,38	(66) (37) (81) (6,565) (81,090) (81,090) (95,30) (25,171) (80,004) (152,171) (40,004) (152,171) (44,171) (44,171) (44,171) (44,171) (44,171) (44,171) (47,17	90 50 112 8,999 111,146 895 4 34,501 837 4,538 11,081 2,107 675 1,254 6,741 6,741 6,741 6,741 6,741 710 27 6839,103 644 9,569 1,876 4,886 232 271	90 50 112 8,999 1111,146 8,999 1111,146 837 4 4,538 11,081 2,097 11,081 6,741 63 11,081 60 11,3784 710 27 6,58 60 13,784 710 27 6,58 60 1,876 4,866 232 271			58 32 72 77 71,264 574 3 3 22,121 536 2,910 7,105 133 1,361 432 804 330 4,322 40 10,365 72 326 38 8,844 455 17 42 538,010 413 6,135 1,203 1,201 149 174	58 32 2 72 72 5.770 71.264 574 574 574 574 575 576 576 576 576 576 576 576 576 576					
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	Aha Mazav Power Service Ala Improvement District Ak-Chin ALCOA INC. Arizona Public Service Company Arizonas River Power Authority (ARPA) Ariington Valley Avista Adjusted LSE NEL AVISTA CORPORATION Barrick God Strike Basin Electric Power Cooperative Basin Electric Cooperative Cantin Advanca Water Conservation and Drainac California Elo Cantal Autona Water Conservation Distr CENTRAL ELECTRIC COOPERATIVE, I CENTRAL ELECTRIC COOPERATIVE, I CENTRAL LINCOLN PUD Central Montana CENTRAL LINCOLN PUD Central Montana CENTRAL LECTRIC COOPERATIVE, I CENTRAL	J.S. 22, 18. 21, 18. 22, 18. 22, 18. 22, 18. 24, 18. 20, 18. 24, 18. 20, 18. 21, 18. 20, 18. 21, 18. 20, 18. 21, 18. 20, 18. 21, 18. 20, 18. 21, 18. 2	1 221 4 1224 5 275 8 221,86 5 273,675 3 2,203 1 1 11,74 4 122,84 3 61,33 0 2,060 8 16,598 8 1,266 8 16,598 8 16,598 8 16,598 8 16,598 8 16,598 8 16,598 6 276 6 276 6 39,766 6 39,766 6 39,766 6 1,260 6 39,766 6 1,260 6 39,766 6 39,766 6 39,766 6 39,766 6 39,766 6 11,596 6 276 6 11,596 6 276 7 1,747 7 1			139 78 173 174 175 176 177 178 177 178 177 178 177 178 177 178 177 178 177 178 177 178 177 178 178	139 78 173 13,955 172,355 1,387 7 53,501 1,297 7,037 1,193 3,2267 1,1945 1,945 1,945 1,945 1,100 1,100 1,301,200 1,3			(66) (37) (81) (8.565) (81,090) (853) (853) (853) (853) (853) (853) (853) (810) (3.311) (492) (152) (915) (375) (4918) (4918) (440) (11,783) (822) (371) (444) (518) (610) (470) (612,190) (470) (6981) (1,3869) (3,550) (168) (9) (198)	(66) (37) (81) (6,565) (81,090) (81,090) (95,000	90 50 112 8,999 111,146 895 4 34,501 837 4,538 11,081 2,107 6,741 6,741 6,741 6,741 6,741 6,741 6,741 710 27 65 839,103 644 9,569 1,876 4,866 232 271 13 138	90 50 112 8,999 1111,146 8,999 1111,146 837 4 4,538 11,081 2,107 675 12,264 514 6,741 63 11,081 710 727 658 39,103 644 9,599 1,876 4,866 232 271 13 138			58 32 72 77 71,264 574 3 32,2121 538 2,910 7,105 133 1,351 432 40 330 4,322 40 10,355 72 326 38 8,844 455 17 42 538,010 413 6,135 1,203 1,49 174 8 89	58 32 2 72 72 5.770 71.264 574 574 574 575 576 576 576 576 576 576 576 576 576					
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	Anh Marcav Power Service Aha Marcav Power Service Al Chin Al COA INC. Arizona Public Senvice Company Arizona River Power Authority (ARPA) Arizona Corrobaration Barrick Gold Strike Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Cooperative Basin Electric Cooperative Basin Electric Cooperative Big Bend Electric Bend Electric Cooperative Central Arizona Vater Conservation Distr Central Arizona Vater Conservation Distr Central Limonal Vater Conservation Distr Central Montana Central Montana Central Arizona Vater Corporative City Of Atleo City Of Albion City of Azec City Of Bandoon	1.8. 22, 18. 19. 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 22, 18. 24, 18. 2	1 221 4 4 1224 5 275 88 22.158 8 22.158 1 2 2 3 3 2 2 3 3 2 2 3 3 2 3 1 1 1 1 3 3 1 1 1 3 3 1 2 2 3 3 2 3 1 1 1 1			139 78 173 172 175 172 175 175 175 175 175 175 175 175 175 175	139 78 139 173 13955 172,355 172,355 1,387 7 53,501 1,297 7,037 17,183 323 3,267 1,046 1,945 797 10,453 10,			(66) (37) (81) (6,565) (81,090) (653) (33) (33) (41) (610) (3,311) (610) (3,311) (492) (915) (375) (492) (491) (470) (491) (470) (6,981) (1,368) (490) (470) (6,981) (1,368) (	(66) (37) (81) (6,565) (81,090) (65,565) (81,090) (65,565) (81,090) (65,311) (3,311) (3,311) (40,000)	90 50 112 8,999 111,146 895 4 34,501 837 4,538 11,081 208 2,107 675 1,254 514 6,741 63 16,150 112 508 60 13,794 710 27 65 839,103 644 9,569 1,876 4,866 232 271 13	90 50 112 8,999 111,146 895 4 4 34,501 12 8,37 4,538 11,081 208 2,107 675 1,254 514 6,741 63 16,150 60 13,794 9,599 66 44 9,599 67 4,886 6,891 13,794 4,895 67 4,886 6,891 13,794 14,895 67 4,886 6,891 13,794 14,895 67 4,886 6,891 13,794 14,895 67 4,895 67 4,895 67 14			58 32 72 72 5.770 71,264 574 574 53 22,121 536 2,910 7,105 133 1,351 432 804 330 4,322 40 10,355 72 326 38 8,844 455 17 47 432 538,010 413 6,135 1,203 3,120 149 174 8	58 32 72 72 77 71,264 574 3 32,121 3 34,322 40 10,355 77 2 326 8,844 455 17 72 58,010 41 3 1,203 3,120 149 174 8					
2000 2000 2000 2000 2000 2000 2000 200	WECC WECC WECC WECC WECC WECC WECC WECC	Aha Maraw Power Service Aha Maraw Power Service Al Chin Al COA INC. Arizona Public Senvice Company Arizona River Power Authority (ARPA) Arizona Corrobaration Barrick Gold Strike Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Cooperative Basin Electric Cooperative Basin Electric Cooperative Big Bend Electric Bend Electric Bend Electric Cooperative Central Arizona Vater Conservation Distr Central Arizona Vater Conservation Distr Central Amonana Central Electric Cooperative Central Momiana Central Amonana Central Calision City of Azec City Of Bandon City Of Abloon City Of Boulder	J.S. 22, 18. 19. 18. 27. 27. 27. 27. 27. 27. 27. 27. 27. 27	1 221 4 4 1224 5 275 88 22.158 8 22.158 1 2.003 1 1 13 3 1 1.061 9 3.089 6 15.95 6 39.766 6 39.766 6 39.766 6 39.766 6 39.766 6 39.766 6 39.766 6 39.766 6 39.766 6 39.766 6 39.766 6 39.766 1 1.251 8 148 2 3.085 1 1.586 1 1			139 78 173 172 172 172 172 172 172 172 172 172 172	139 78 13955 172,365 1,3875 7 53,501 1,297 7,037 17,183 3,267 1,046 1,945 797 10,463 1,945 174 174 174 193 25,044 174 174 190 1,301,200 1,100 420 20 215 378 392 999			(66) (37) (81) (8,565) (81,090) (653) (653) (25,171) (610) (3,311) (610) (3,311) (492) (915) (376) (4,918) (46) (11,783) (371) (44) (10,064) (11,783) (470) (63,811) (612,190) (477) (6,981) (1,369) (	(66) (37) (81) (6,565) (81,090) (65,565) (81,090) (65,565) (81,090) (65,565) (81,090) (71,090) (81,090	90 50 112 8,999 111,146 895 4 34,501 837 4,538 11,081 208 2,107 675 514 6,741 63 112 508 60 13,794 710 27 65 839,103 644 9,569 1,676 4,566 232 271 13 138 244 253 644	90 50 112 8,999 1111,146 895 4 4 34,501 12 8,999 1111,146 895 4 4 34,501 208 12,107 675 1,254 514 6,741 63 16,150 60 13,794 9,509 18,700 65 839,103 644 9,509 1,876 4,866 222 271 13 138 244 253 644			58 32 72 72 5.770 71,264 574 3 22,121 5.36 2,910 7,105 133 1,351 432 804 330 4,322 40 10,355 72 38 8,844 455 17 42 258,010 413 6,135 1,203 3,120 1,49 174 8 89 156 162 413	58 32 72 72 77 1,264 574 3 3 22,121 536 2,910 71,064 330 1,351 432 40 10,355 63 804 455 32 804 455 31,203 3,120 149 174 8 8 89 156 162 413					
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				Total NERC Asse	essments		NERC NEL Asset	ssments	Pen	alty Sanctions		NERC Compliance	Assessments (e	x. IESO & New Bru	unswick)	NERC Complian	ce Assessmen	ts (ex.Quebec	& AESO)	NERC I	DC Assessments	
Data Regional Year Entity ID	Entity	Country	Total	US Total	Canada Total Mexico Tot	Total	US Total (	Canada Total	rotal -	「otal U	JS Total	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total	Total	US Total Cana	ada Total
2009 WECC 2009 WECC	CITY OF HERMISTON DBA HERMISTON		1,018 359	1,018 359		641	641 226			302)	(302)	414 146	414 146			265 94	265 94	-	-		-	-
2009 WECC	CITY OF HEYBURN City of Las Vegas	U.S. U.S.	77	77		226 49	49			107) (23)	(107) (23)	31	31			20	20					-
2009 WECC 2009 WECC	CITY OF MCCLEARY CITY OF MCMINNVILLE	U.S. U.S.	305 6,292	305 6,292	: :	192 3,963	192 3,963			(90) 364)	(90) (1,864)	124 2,555	124 2,555			80 1,638	80 1,638	:				:
2009 WECC	CITY OF MILTON	U.S.	586	586		369	369		- (	174)	(174)	238	238			153	153					
2009 WECC 2009 WECC	CITY OF MILTON-FREEWATER CITY OF MINIDOKA	U.S. U.S.	1,063	1,063	: :	669 6	669 6	-	- (	315) (3)	(315)	432	432			277	277					
2009 WECC	CITY OF MONMOUTH	U.S.	648	648		408	408	-		192)	(192)	263	263		-	169	169	-		-		-
2009 WECC 2009 WECC	City of Needles CITY OF PLUMMER	U.S. U.S.	351 311	351 311		221 196	221 196			104) (92)	(104) (92)	143 126	143 126	:		91 81	91 81	:				- :
2009 WECC	CITY OF PORT ANGELES	U.S.	6,179	6,179		3,891	3,891	-			(1,831)	2,509	2,509		-	1,609	1,609		-	-		-
2009 WECC 2009 WECC	City of Redding CITY OF RICHLAND	U.S. U.S.	5,834 7,768	5,834 7,768		3,674 4,892	3,674 4,892				(1,729) (2,302)	2,369 3,155	2,369 3,155			1,519 2,023	1,519 2,023					
2009 WECC	City of Roseville	U.S.	11,320	11,320		7,129	7,129	-			(3,354)	4,597	4,597		-	2,948	2,948	-				-
2009 WECC 2009 WECC	CITY OF RUPERT City of Shasta Lake	U.S. U.S.	732 1,602	732 1,602	: :	461 1,009	461 1,009			217) 475)	(217) (475)	297 651	297 651			191 417	191 417					
2009 WECC 2009 WECC	CITY OF TACOMA DBA TACOMA POWI	U.S. U.S.	3 159	3 159		2 100	2 100	-		(1) (47)	(1) (47)	1 65	1 65			1 41	1 41					
2009 WECC	CITY OF TROT	U.S.	490	490		309	309	-		145)	(145)	199	199			128	128					
2009 WECC 2009 WECC	City of Williams CLARK PUBLIC UTILITIES	U.S. U.S.	352 40,848	352 40,848		222 25,725	222 25,725	-	- (12,	104)	(104) 12,103)	143 16,589	143 16,589		-	92 10,637	92 10,637					-
2009 WECC	CLATSKANIE PUD	U.S.	8,709	8,709		5,484	5,484				(2,580)	3,537	3,537			2,268	2,268					
2009 WECC 2009 WECC	CLEARWATER COOPERATIVE, INC Clearwater Power Company	U.S. U.S.	395 1,441	395 1,441		249 907	249 907	:		117) 427)	(117) (427)	161 585	161 585			103 375	103 375	:				:
2009 WECC	Colorado River Agency-Bureau of Indian	U.S.	33	33		21	21		-	(10)	(10)	13	13		-	9	9					-
2009 WECC 2009 WECC	Colorado River Commission Colorado Springs Utilities	U.S. U.S.	6,324 37,493	6,324 37,493	: :	3,983 23,612	3,983 23,612	:	- (1, - (11,		(1,874) 11,109)	2,568 15,227	2,568 15,227			1,647 9,763	1,647 9,763	:				:
2009 WECC	COLUMBIA BASIN ELECTRIC COOPER	U.S.	952	952		600	600		- (	282)	(282)	387	387		-	248	248					-
2009 WECC 2009 WECC	COLUMBIA FALLS ALUMINUM COMPA COLUMBIA POWER COOPERATIVE AS		2,957 205	2,957 205	: :	1,862 129	1,862 129	-		376) (61)	(876) (61)	1,201 83	1,201 83			770 53	770 53					
2009 WECC	COLUMBIA REA	U.S.	2,710	2,710		1,707	1,707	-	- (	303)	(803)	1,101	1,101		-	706	706	-		-		-
2009 WECC 2009 WECC	COLUMBIA RIVER PUD (BPA) Columbia River PUD (PGE)	U.S. U.S.	1,506 2,826	1,506 2,826	: :	949 1,780	949 1,780			446) 337)	(446) (837)	612 1,148	612 1,148			392 736	392 736					
2009 WECC	CONSOLIDATED IRRIGATION DISTRIC	U.S.	18	18		11	11	-	-	(5)	(5)	7	7		-	5	5	-		-		-
2009 WECC 2009 WECC	Constellation New Energy, Inc. CONSUMERS POWER, INC.	U.S. U.S.	262 3,777	262 3,777		165 2,378	165 2,378			(78) 119)	(78) (1,119)	107 1,534	107 1,534			68 983	68 983					
2009 WECC	COOS-CURRY ELECTRIC COOPERATI		3,132 607	3,132 607		1,973 382	1,973 382	-	- (	928)	(928)	1,272	1,272		-	816 158	816 158	-				-
2009 WECC 2009 WECC	Deseret Generation & Transmission Co-C Douglas - Palasades	U.S.	166	166		104	104			180) (49)	(180) (49)	247 67	247 67			43	43					-
2009 WECC 2009 WECC		U.S.	862	862		543	543	-		255)	(255)	350	350		-	224	224			-		-
2009 WECC 2009 WECC	EAST END MUTUAL ELECTRIC COMP! El Paso Electric Company	U.S.	200 68,672	200 68,672		126 43,248	126 43,248		- - (20,	(59) 347) (2	(59) 20,347)	81 27,889	81 27,889			52 17,882	52 17,882					- :
2009 WECC 2009 WECC	Electrical District #2 Electrical District No. 6 of Pinal County	U.S. U.S.	1,605 11	1,605 11		1,011	1,011	-	- (-	475) (3)	(475)	652	652		-	418	418		-	-	-	-
2009 WECC	Electrical District No. 7 of Mariopa County	U.S.	251	251		158	158	-		(74)	(74)	102	102			65	65					
2009 WECC 2009 WECC	Electrical District No. 8 of Mariopa County Electrical Districts 1 & 3	U.S. U.S.	2,333 5.261	2,333 5.261		1,470 3.313	1,470 3.313	-		591) 559)	(691) (1,559)	948 2.137	948 2.137		-	608 1.370	608 1.370					-
2009 WECC	ELMHURST MUTUAL POWER & LIGHT	U.S.	2,528	2,528		1,592	1,592		- (	749)	(749)	1,027	1,027			658	658					
2009 WECC 2009 WECC	EMERALD PUD ENERGY NORTHWEST	U.S. U.S.	4,563 491	4,563 491	: :	2,874 309	2,874 309	:		352) 146)	(1,352) (146)	1,853 199	1,853 199			1,188 128	1,188 128	:				:
2009 WECC	EPCOR Merchant and Capital (US) Inc.	U.S.	637	637		401	401		- (	189)	(189)	259	259			166	166					-
2009 WECC 2009 WECC	EUGENE WATER & ELECTRIC BOARD FARMERS ELECTRIC COMPANY, LTD.	U.S. U.S.	22,238 40	22,238 40		14,005 25	14,005 25			589) (12)	(6,589) (12)	9,031 16	9,031 16	:		5,791 10	5,791 10	:				- :
2009 WECC	Farmington Electric Utility System	U.S.	10,179	10,179		6,410	6,410	-	- (3,	016)	(3,016)	4,134	4,134		-	2,651	2,651	-		-		-
2009 WECC 2009 WECC	FLATHEAD ELECTRIC COOPERATIVE, Fredonia, Town of	U.S. U.S.	12,618 12	12,618 12	: :	7,946 8	7,946 8		- (3,	739) (4)	(3,739)	5,124 5	5,124 5			3,286 3	3,286 3			-		
2009 WECC	GLACIER ELECTRIC COOPERATIVE, IN		1,622	1,622		1,021	1,021	-		481)	(481)	659	659		-	422	422	-				-
2009 WECC 2009 WECC	Grand Valley Grant LSE Load	U.S. U.S.	2,078 32,968	2,078 32,968		1,309 20,763	1,309 20,763			616) 768)	(616) (9,768)	844 13,389	844 13,389			541 8,585	541 8,585					
2009 WECC 2009 WECC	Harney Electric Coop	U.S.	688	688 1.026		433 646	433 646			204)	(204)	279 417	279 417		-	179 267	179 267			-		-
2009 WECC 2009 WECC	HARNEY ELECTRIC COOPERATIVE, IN Harquahala Valley Power District	U.S.	1,026 664	664		418	418	-		304) 197)	(197)	270	270			173	173					- :
2009 WECC 2009 WECC	HERMISTON POWER LLC Holy Cross	U.S. U.S.	23 8.816	23 8.816		14 5.552	14 5.552	:	. (2)	(7) 612)	(7) (2,612)	9 3.580	9 3.580	-	-	6 2,296	6 2.296		-	-		
2009 WECC	HOOD RIVER ELECTRIC COOPERATIV	U.S.	366	366		230	230		- (	108)	(108)	149	149			95	95					
2009 WECC 2009 WECC	IDAHO COUNTY LIGHT AND POWER C Idaho Power	U.S. U.S.	487 322	487 322		307 203	307 203	:	- (	144) (96)	(144) (96)	198 131	198 131			127 84	127 84	:				-
2009 WECC	Imperial Irrigation District	U.S.	32,630	32,630	. :	20,550	20,550				(9,668)	13,252	13,252		-	8,497	8,497		-			
2009 WECC 2009 WECC	Inland Power & Light Co. INLAND POWER AND LIGHT COMPAN'	U.S. U.S.	4,134 4,430	4,134 4,430		2,603 2,790	2,603 2,790				(1,225)	1,679 1,799	1,679 1.799		-	1,076 1,153	1,076 1,153		-		-	-
2009 WECC	IPCO	U.S.	135,688	135,688		85,453	85,453		- (40,	204) (4	40,204)	55,106	55,106		-	35,333	35,333					
2009 WECC 2009 WECC	IREA-Transmission Kirtland Air Force Base	U.S. U.S.	18,055 3,904	18,055 3,904		11,371 2,459	11,371 2,459				(5,350) (1,157)	7,333 1,585	7,333 1,585	:		4,701 1,017	4,701 1,017	:				- :
2009 WECC	Kootenai Electric Cooperative, Inc.	U.S.	4,178	4,178		2,631	2,631	-	- (1,	238)	(1,238)	1,697	1,697		-	1,088	1,088	-		-		-
2009 WECC 2009 WECC	LA Dept. of Water & Power LAKEVIEW LIGHT & POWER	U.S. U.S.	260,339 2.571	260,339 2.571		163,956 1.619	163,956 1.619		- (77, -	138) (7 762)	77,138) (762)	105,730 1.044	105,730 1,044			67,791 669	67,791 669					
2009 WECC	LANE ELECTRIC COOPERATIVE, INC.	U.S.	2,097	2,097		1,321	1,321		- (	521)	(621)	852	852		-	546	546	-	-	-	-	-
2009 WECC 2009 WECC	Las Vegas Valley Water District (SB211) Lincoln County Power District	U.S. U.S.	850 744	850 744	1 1	536 468	536 468			252) 220)	(252) (220)	345 302	345 302			221 194	221 194		-			
2009 WECC	LINCOLN ELECTRIC COOPERATIVE, IN	U.S.	1,109	1,109		698	698		- (	329)	(329)	450	450		-	289	289		-	-	-	-
2009 WECC 2009 WECC	Maricopa County Municipal Water Conser McMullen Valley Water Conservation & D		434 522	434 522		273 329	273 329			128) 155)	(128) (155)	176 212	176 212		-	113 136	113 136					:
2009 WECC	Merced Irrigation District	U.S. U.S.	3,895 2,389	3,895 2.389		2,453 1.505	2,453 1.505			154) 708)	(1,154) (708)	1,582 970	1,582 970		-	1,014 622	1,014 622					-
2009 WECC	Mesa, City of MIDSTATE ELECTRIC COOPERATIVE,	U.S.	3,562	3,562		2,244	2,244		- (1,	056)	(1,056)	1,447	1,447			928	928					
2009 WECC 2009 WECC	MISSION VALLEY POWER MISSOULA ELECTRIC COOPERATIVE,	U.S.	3,759 2,036	3,759 2,036		2,367 1,282	2,367 1,282	:		114) 503)	(1,114) (603)	1,526 827	1,526 827	:		979 530	979 530		-		:	:
2009 WECC	Modern Electric Water Co.	U.S.	2,154	2,154		1,357	1,357		- (	538)	(638)	875	875			561	561					
2009 WECC 2009 WECC	Modesto Irrigation District Montana Dakota Utilities (MDU)	U.S. U.S.	23,273 290	23,273 290		14,657 183	14,657 183	:		896) (86)	(6,896) (86)	9,452 118	9,452 118	:	-	6,060 75	6,060 75		-		:	:
2009 WECC	Mt. Wheeler Power Inc.	U.S.	4,471	4,471	. :	2,816	2,816		- (1,	325)	(1,325)	1,816	1,816		-	1,164	1,164		-			
2009 WECC 2009 WECC	Municipal Energy Agency of Nebraska Municipal Energy Agency of Nebraska (M	U.S. U.S.	6,103 3,118	6,103 3,118		3,844 1,964	3,844 1,964			308) 924)	(1,808) (924)	2,479 1.266	2,479 1.266		-	1,589 812	1,589 812		-		-	-
			-,	-,		.,	.,		,	,	(	.,===	.,0									

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				Total NERC Asse	ssments		NERC NEL Asse	ssments	Penalty	Sanctions	NERC Complian	nce Assessments (	ex. IESO & New Br	unswick)	NERC Complian	ce Assessment	s (ex.Quebec 8	& AESO)	NERC	OC Assessments	
Date   Davidson														Mania			C	Manian			
Data Regional Year Entity ID	Entity	Country	Total	US Total	Canada Total Mexico Tota	Total	US Total (	Canada Total To	tal Tota	US Total	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Total	Total	US Total Canada 1	Total
2009 WECC 2009 WECC	Navajo Tribal Utility Authority (APS)	U.S. U.S.	366 1.920	366 1.920		230 1,209	230 1.209		(108 (569	(108)	149 780	149 780		-	95 500	95 500	-	-	-		-
2009 WECC	Navajo Tribal Utility Authority (PSCofNM) Navopache Electric Cooperative, Inc	U.S.	4,212	4,212		2,653	2,653		(1,248	(1,248)	1,711	1,711		-	1,097	1,097				-	
2009 WECC 2009 WECC	Nebraska Public Power Marketing Needles Public Utilities Authority	U.S. U.S.	32 326	32 326		20 206	20 206		(9 (97	(9)	13 133	13 133	:	- :	8 85	8 85	:			-	
2009 WECC	NESPELEM VALLEY ELECTRIC COOPE	U.S.	470	470		296	296		(139	(139)	191	191			123	123				-	-
2009 WECC 2009 WECC	Nevada Power Company New Harquahala	U.S. U.S.	196,282 12	196,282 12	: :	123,614	123,614		(58,158	(58,158)	79,715 5	79,715 5		-	51,111 3	51,111 3				-	
2009 WECC	Northern Lights Inc.	U.S.	245	245		155	155		(73	(73)	100	100		-	64	64	-		-		
2009 WECC 2009 WECC	NORTHERN LIGHTS, INC. NORTHERN WASCO COUNTY PUD	U.S. U.S.	2,746 5.354	2,746 5,354		1,729 3,372	1,729 3,372	: :	(814 (1,586		1,115 2,174	1,115 2,174			715 1,394	715 1,394					:
2009 WECC	NWMT	U.S.	2,706	2,706		1,704	1,704		(802	(802)	1,099	1,099		-	705	705					
2009 WECC 2009 WECC	OHOP MUTUAL LIGHT COMPANY ORCAS POWER & LIGHT COOPERATI)	U.S.	797 1,923	797 1.923		502 1,211	502 1,211	: :	(236 (570		324 781	324 781			208 501	208 501					:
2009 WECC	OREGON TRAIL ELECTRIC CONSUME		6,007	6,007		3,783	3,783		(1,780		2,440	2,440			1,564	1,564				-	
2009 WECC 2009 WECC	Overton Power District #5 PACIFICORP (BPA)	U.S. U.S.	3,444 138	3,444 138		2,169 87	2,169 87		(1,020		1,399 56	1,399 56		-	897 36	897 36				-	-
2009 WECC 2009 WECC	PACIFICORP (BFA)	U.S.	29	29		18	18		(41	(41)	12	12			7	7				-	
2009 WECC	PACIFICORP(WAPA)	U.S.	1,845	1,845		1,162	1,162		(547		749	749		-	481	481			-		-
2009 WECC 2009 WECC	PacifiCorp (PACE) PacifiCorp (PACW)	U.S. U.S.	402,536 191,742	402,536 191,742		253,508 120,755	253,508 120,755		(119,271 (56,813		163,480 77,871	163,480 77,871		- :	104,819 49,929	104,819 49,929					
2009 WECC 2009 WECC	Page Electric Utility PARKLAND LIGHT AND WATER COMP.	U.S.	117 1.107	117		74	74 697		(35	(35)	48 449	48		-	31 288	31			-		-
2009 WECC 2009 WECC	PENINSULA LIGHT COMPANY, INC.	U.S.	5,587	1,107 5,587		697 3,519	3,519		(328 (1,655	(328)	2,269	449 2,269		- :	1,455	288 1,455					
2009 WECC	Platte River Power Authority	U.S.	28,184	28,184		17,750	17,750		(8,351	(8,351)	11,446	11,446	-		7,339	7,339			-		-
2009 WECC 2009 WECC	PORT TOWNSEND PAPER CORPORAT Portland General Electric Company	U.S.	1,758 162,003	1,758 162,003		1,107 102,026	1,107 102,026		(521 (48,001		714 65,793	714 65,793			458 42,185	458 42,185					
2009 WECC	Public Service Company of Colorado	U.S.	258,640	258,640		162,886	162,886		(76,635	(76,635)	105,040	105,040		-	67,349	67,349	-	-		-	-
2009 WECC 2009 WECC	Public Service Company of Colorado (Xce Public Service Company of New Mexico	U.S. U.S.	290 90,997	290 90,997		183 57,308	183 57,308		(86)	(26,962)	118 36,956	118 36,956			76 23,695	76 23,695				-	:
2009 WECC	PUD NO 1 OF DOUGLAS COUNTY	U.S.	79	79		50	50		(23	(23)	32	32		-	21	21	-	-		-	-
2009 WECC 2009 WECC	PUD NO. 1 OF ASOTIN COUNTY PUD NO. 1 OF BENTON COUNTY	U.S. U.S.	47 15,873	47 15,873		30 9,997	30 9.997		(14 (4,703		19 6.446	19 6.446			12 4,133	12 4,133				-	:
2009 WECC	PUD No. 1 of Chelan County	U.S.	29,022	29,022		18,277	18,277		(8,599	(8,599)	11,786	11,786			7,557	7,557				-	-
2009 WECC 2009 WECC	PUD NO. 1 OF CLALLAM COUNTY PUD NO. 1 OF COWLITZ COUNTY	U.S. U.S.	6,117 43,771	6,117 43,771		3,852 27,566	3,852 27,566		(1,812 (12,969		2,484 17,776	2,484 17,776			1,593 11,398	1,593 11,398				-	:
2009 WECC	PUD No. 1 of Douglas County	U.S.	13,236	13,236		8,336	8,336		(3,922	(3,922)	5,375	5,375			3,447	3,447				-	-
2009 WECC 2009 WECC	PUD NO. 1 OF FERRY COUNTY PUD NO. 1 OF FRANKLIN COUNTY	U.S. U.S.	885 8.923	885 8.923	: :	557 5,619	557 5,619		(262 (2,644		359 3,624	359 3,624		-	230 2,323	230 2.323				-	
2009 WECC	PUD NO. 1 OF GRAYS HARBOR	U.S.	9,848	9,848		6,202	6,202		(2,918	(2,918)	3,999	3,999		-	2,564	2,564					-
2009 WECC 2009 WECC	PUD NO. 1 OF KITTITAS COUNTY PUD NO. 1 OF KI ICKITAT COUNTY	U.S. U.S.	489 2.678	489 2.678		308 1.686	308 1.686	: :	(145 (793		199 1.088	199 1.088			127 697	127 697					:
2009 WECC	PUD NO. 1 OF LEWIS COUNTY	U.S.	8,619	8,619		5,428	5,428		(2,554		3,500	3,500			2,244	2,244				-	
2009 WECC 2009 WECC	PUD NO. 1 OF MASON COUNTY PUD No. 1 of Pend Oreille County	U.S. U.S.	714 8,634	714 8,634		450 5,438	450 5,438		(211 (2,558	(211)	290 3,507	290 3,507		-	186 2,248	186 2,248				-	-
2009 WECC	PUD NO. 1 OF SKAMANIA COUNTY	U.S.	1,237	1,237		779	779		(366	(366)	502	502			322	322				-	
2009 WECC 2009 WECC	PUD NO. 1 OF SNOHOMISH COUNTY PUD NO. 1 OF WAHKIAKUM COUNTY	U.S. U.S.	63,637 398	63,637 398		40,077 250	40,077 250		(18,856		25,844 161	25,844 161			16,571 104	16,571 104				-	-
2009 WECC	PUD NO. 1 OF WHATCOM COUNTY	U.S.	1,995	1,995		1,256	1,256		(591	(591)	810	810			519	519				-	
2009 WECC 2009 WECC	PUD NO. 2 OF GRANT COUNTY (Avista PUD NO. 2 OF GRANT COUNTY (BPA)	U.S. U.S.	806 437	806 437		508 275	508 275		(239		327 177	327 177			210 114	210 114				-	-
2009 WECC	PUD NO. 2 OF PACIFIC COUNTY	U.S.	2,788	2,788		1,756	1,756		(826	(826)	1,132	1,132			726	726				-	
2009 WECC 2009 WECC	PUD NO. 3 OF MASON COUNTY Puget Sound Energy	U.S. U.S.	6,239 226,882	6,239 226.882		3,929 142,885	3,929 142,885		(1,849		2,534 92,142	2,534 92,142			1,625 59,079	1,625 59,079			-	-	
2009 WECC	RAFT RIVER RURAL ELECTRIC COOPI		1,974	1,974		1,243	1,243		(67,225 (585	(67,225) (585)	802	802			59,079	59,079				-	
2009 WECC 2009 WECC	RAVALLI COUNTY ELECTRIC COOPER RBS Sempra Energy Solutions	U.S. U.S.	1,404 16,792	1,404 16,792		884 10,575	884 10,575		(416 (4,976		570 6,820	570 6,820			366 4,373	366 4,373				-	-
2009 WECC	RIVERSIDE ELECTRIC COMPANY, LTD		179	179		113	113		(53	(53)	73	73			47	4,373				-	
2009 WECC 2009 WECC	Rocky Mountain Generation Cooperative Roosevelt Irrigation District	U.S. U.S.	355 266	355 266		223 167	223 167		(105 (79		144 108	144 108			92 69	92 69				-	-
2009 WECC	SALEM ELECTRIC	U.S.	2,997	2,997		1,887	1,887		(888)	(888)	1,217	1,217			780	780				-	
2009 WECC 2009 WECC	Salt River Project (SRP) San Carlos Indian Irrigation Project	U.S. U.S.	249,842	249,842		157,345	157,345	: :	(74,028		101,467	101,467			65,058 0	65,058				:	:
2009 WECC	Seattle City Light	U.S.	90,606	90,606		57,062	57,062		(26,847	(26,847)	36,797	36,797		-	23,593	23,593					
2009 WECC 2009 WECC	Sierra Pacific Power Company SMGT / BPA	U.S. U.S.	77,660 143	77,660 143		48,909 90	48,909 90		(23,011	(23,011)	31,540 58	31,540 58		-	20,222 37	20,222 37				-	
2009 WECC	SMUD	U.S.	102,012	102,012		64,245	64,245		(30,226	(30,226)	41,430	41,430			26,564	26,564				-	
2009 WECC 2009 WECC	SOUTH SIDE ELECTRIC, INC. Southern Montana	U.S. U.S.	488 6.182	488 6.182		308 3.893	308 3.893	: :	(145 (1,832	(145)	198 2.511	198 2.511			127 1.610	127 1.610					:
2009 WECC	Southern Nevada Water Authority	U.S.	7,322	7,322		4,611	4,611		(2,169	(2,169)	2,974	2,974		-	1,907	1,907	-	-	-	-	-
2009 WECC 2009 WECC	Southwest Transmission Cooperative, Inc SPRINGFIELD UTILITY BOARD	U.S. U.S.	24,175 7,602	24,175 7,602		15,225 4,788	15,225 4,788	: :	(7,163 (2,253	(7,163) (2,253)	9,818 3,087	9,818 3,087			6,295 1,980	6,295 1,980				:	:
2009 WECC	SURPRISE VALLEY ELECTRIFICATION		309	309		194	194		(91	(91)	125	125			80	80				-	
2009 WECC 2009 WECC	Tacoma Power The Incorporated County of Los Alamos	U.S. U.S.	44,656 3,436	44,656 3,436		28,124 2,164	28,124 2,164		(13,232		18,136 1,395	18,136 1,395			11,628 895	11,628 895				-	-
2009 WECC	TILLAMOOK PUD	U.S.	3,146	3,146		1,982	1,982		(932	(932)	1,278	1,278			819	819				-	
2009 WECC 2009 WECC	Tohono O'Odham Utility Authority Tonopah Irrigation District	U.S. U.S.	597 201	597 201		376 127	376 127		(177	(177)	242 82	242 82		-	155 52	155 52				-	-
2009 WECC 2009 WECC	Total NWMT Load Owner	U.S.	79,070	79,070		49,796	49,796		(23,428		32,112	32,112			20,589	20,589				-	
2009 WECC 2009 WECC	Town of Center-Transmission TOWN OF COULEE DAM	U.S. U.S.	108 170	108 170		68 107	68 107		(32	(32)	44 69	44 69	-	-	28 44	28 44	-	-			-
2009 WECC 2009 WECC	TOWN OF COULEE DAM TOWN OF EATONVILLE	U.S.	170 260	170 260		107	107		(50		106	106		- :	44 68	44 68			:	-	
2009 WECC	TOWN OF STEILACOOM	U.S.	378 259	378		238 163	238 163		(112	(112)	153 105	153 105		-	98 68	98 68				-	-
2009 WECC 2009 WECC	Town of Wickenburg Tri State G & T Assoc., Inc	U.S. U.S.	259 17,403	259 17,403		163 10,960	163 10,960		(77 (5,156		105 7,068	105 7,068		-	68 4,532	68 4,532		-		-	:
2009 WECC 2009 WECC	Tri-State Generation & Transmission Assu		76 59.186	76 50 186		48	48 37.274		(22		31	31		-	20 15.412	20 15.412	-	-			:
2009 WECC 2009 WECC	Tri-State Generation and Transmission As Tristate Generation and Transmission As		59,186 21,590	59,186 21,590		37,274 13,597	13,597		(17,537 (6,397		24,037 8,768	24,037 8,768		- :	15,412 5,622	15,412 5,622			:	-	
2009 WECC	Truckee Donner Public Utility District	U.S.	1,338	1,338		843	843		(397	(397)	544	544		-	349	349					-
2009 WECC 2009 WECC	Tucson Electric Power Turlock Irrigation District	U.S. U.S.	120,873 18,384	120,873 18,384		76,124 11,578	76,124 11,578		(35,815 (5,447		49,090 7,466	49,090 7,466		-	31,475 4,787	31,475 4,787		-		-	:
2009 WECC	U.S. Army Yuma Proving Ground	U.S.	175	175		110	110		(52	(52)	71	71		-	46 40	46 40		-	-		-
2009 WECC 2009 WECC	U.S. BOIA WAPATO IRRIGATION PROJ U.S. BOR EAST GREENACRES (RATHE		153 48	153 48		96 30	96 30		(45 (14		62 19	62 19		- :	40 12	40 12			:	-	

		Γ																					
				Total NERC As				NERC NEL As			Penalty Sa		NEBC Complian	ce Assessments (e	IECO 8 Na Da		NEDC C	ance Assessment	- / Ob 0	AFEO)	NEDO	IDC Assessment	
				TOTAL NERC AS	sessments			NERC NEL AS	sessments		Penalty Sa	inctions	NERC Compilan	ce Assessments (e	X. IESO & New Bru	nswick)	NEKC Compile	ance Assessment	is (ex.Quebec 8	AESO)	NERC	IDC Assessment	ts
Data	Regional									Mexico						Mexico			Canada	Mexico			
Year	Entity	D Entity Country	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Total	Total	US Total	Total	US Total	Canada Total	Total	Total	US Total	Total	Total	Total	US Total C	Canada Total
2009	WECC	U.S. BOR SPOKANE INDIAN DEVELOP U.S.	31	31			19	19			(9)	(9)	12	12			8	8			-	-	-
2009	WECC	U.S. DOE NATIONAL ENERGY TECHNO U.S.	35	35			22	22			(10)	(10)	14	14			9	9					
2009	WECC	U.S. DOE RICHLAND OPERATIONS OF U.S.	1,684	1,684			1,060	1,060			(499)	(499)	684	684	-		438	438	-				-
2009	WECC	U.S.A.F. BASE, FAIRCHILD U.S.	497	497			313	313			(147)	(147)	202	202			129	129				-	-
2009	WECC	U.S.N SUBMARINE BASE, BANGOR U.S.	1,594	1,594			1,004	1,004			(472)	(472)	647	647			415	415	-		-	-	
2009	WECC	U.S.N. NAVAL STATION, BREMERTON U.S.	2,222	2,222	-	-	1,399	1,399	-		(658)	(658)	902	902	-		579	579	-		-	-	-
2009	WECC	U.S.N. NAVAL STATION, EVERETT U.S.	126	126	-	-	79	79	-		(37)	(37)	51	51	-		33	33	-		-	-	-
2009	WECC	UMATILLA ELECTRIC COOPERATIVE / U.S.	8,533	8,533	-		5,374	5,374	-		(2,528)	(2,528)	3,465	3,465	-	-	2,222	2,222	-		-	-	-
2009	WECC	Unit B Irrigation District U.S.	0	0		-	0	0		-	(0)	(0)	0	0		-	0	0	-	-	-	-	
2009	WECC	United Electric Cooperative, Inc. U.S.	2,009	2,009	-		1,265	1,265	-		(595)	(595)	816	816	-		523	523	-		-	-	-
2009	WECC	Valley Electric Association U.S.	4,109	4,109	-		2,588	2,588			(1,217)	(1,217)	1,669	1,669	-	-	1,070	1,070	-		-	-	-
2009	WECC	Vera Water and Power U.S.	2,121	2,121	-		1,336	1,336	-		(629)	(629)	861	861			552	552	-		-	-	-
2009 2009	WECC	Vigilante Electric Cooperative, Inc. U.S.	1,464 859	1,464			922 541	922 541	-		(434)	(434)	595 349	595 349	-		381 224	381	-		-	-	-
	WECC	WASCO Electric Cooperative U.S.		859						-	(255)	(255)				-		224		-		-	
2009	WECC	WAUW U.S. Wells REA U.S.	2,027 1.837	2,027 1.837			1,277 1.157	1,277 1,157	-		(601) (544)	(601) (544)	823 746	823 746	-		528 478	528 478	-		-	-	-
2009 2009	WECC	Wells Rural Electric Coop U.S.	1,837 5.825	1,837 5.825	-		3,668	3,668			(1,726)	(1,726)	2,365	2.365			1.517	1.517	-		-	-	
2009	WECC	Wellton-Mohawk Irrigation & Drainage Dis U.S.	5,625	5,625			3,000	3,000		-	(1,726)	(1,726)	2,365	2,363			1,517	1,517	-	-	-		
2009	WECC	West Oregon Electric Cooperative, Inc U.S.	632	632			398	398			(187)	(187)	257	257			165	165					-
2009	WECC	Western (WAPA-Sierra Nevada Region) r U.S.	12.605	12.605			7.939	7.939			(3,735)	(3,735)	5.119	5.119			3.282	3.282					
2009	WECC	Western Area Power U.S.	1.739	1.739			1.095	1.095			(515)	(515)	706	706			453	453					
2009	WECC	Western Area Power Administration - CR: U.S.	9.990	9,990			6,291	6,291			(2,960)	(2,960)	4.057	4.057			2.601	2.601					
2009	WECC	Western Area Power Administration - Des U.S.	20.345	20,345			12,813	12,813			(6,028)	(6,028)	8,263	8,263			5,298	5,298					
2009	WECC	Western Area Power Administration - LAF U.S.	13,871	13.871			8.736	8,736			(4,110)	(4,110)	5,634	5.634			3,612	3,612					
2009	WECC	Western Area Power Adminstration U.S.	4,399	4,399			2,771	2,771			(1,303)	(1,303)	1,787	1,787	-		1,146	1,146	-				-
2009	WECC	Wyoming Municipal Power Agency U.S.	1,770	1,770			1,115	1,115			(524)	(524)	719	719			461	461				-	-
2009	WECC	Yampa Valley U.S.	5,384	5,384			3,391	3,391			(1,595)	(1,595)	2,187	2,187			1,402	1,402				-	-
2009	WECC	Yuma Irrigation District U.S.	27	27			17	17			(8)	(8)	11	11			7	7	-		-	-	
2009	WECC	Yuma-Mesa Irrigation District U.S.	2	2		-	1	1			(0)	(0)	1	1			0	0					-
		TOTAL WECC	7,761,345	6,416,329	1,220,925	124,091	4,757,969	4,040,867	656,815	60,287	(1,901,153)	(1,901,153)	3,068,265	2,605,828	423,559	38,877	1,836,264	1,670,786	140,551	24,927			
1	TOTAL ERO		41,106,967	35,989,995	4,992,881	124,091	24,591,737	21,626,788	2,904,662	60,287	(10,175,000)	(10,175,000)	15,288,499	13,946,437	1,303,185	38,877	9,603,951	8,942,074	636,950	24,927	1,797,780	1,649,696	148,084
	y by Regional E	ntity																					
2009			2,145,081	2,145,081	-	-	1,272,804	1,272,804	-		(598,831)	(598,831)	820,791	820,791		-	526,269	526,269	-		124,047	124,047	-
2009			2,785,636	2,220,953	564,683		1,485,773	1,236,626	249,147		(581,809)	(581,809)	958,128	797,461	160,667	-	614,326	511,310	103,015		309,218	257,366	51,852
2009			5,923,966	2,716,692	3,207,274	-	3,659,263	1,660,563	1,998,700		(781,264)	(781,264)	1,789,804	1,070,845	718,959	-	1,079,980	686,597	393,384		176,182	79,951	96,231
2009			8,403,722	8,403,722	-	-	4,990,187	4,990,187	-		(2,347,790)	(2,347,790)	3,218,015	3,218,015	-	-	2,063,303	2,063,303	-		480,007	480,007	-
2009			9,277,542	9,277,542	-	-	5,556,351	5,556,351	-		(2,614,159)	(2,614,159)	3,583,116	3,583,116	-	-	2,297,396	2,297,396	-		454,838	454,838	-
2009			2,062,618	2,062,618	-	-	1,139,352	1,139,352	-		(536,044)	(536,044)	734,733	734,733		-	471,090	471,090	-		253,487	253,487	-
2009			2,747,057 7,761,345	2,747,057 6,416,329	1 220 925	124 091	1,730,038 4,757,969	1,730,038 4,040,867	656.815	60.287	(813,951) (1.901.153)	(813,951) (1.901.153)	1,115,647 3,068,265	1,115,647 2,605,828	423 559	38.877	715,322 1.836.264	715,322 1,670,786	140.551	24 927	-	-	-
2009 Total	WECC		41.106.967	35,989,995	4.992.881	124,091	24,591,737	.,,	2.904.662	60,287	(1,901,153)	(10.175.000)	15,288,499	13,946,437	1.303.185	38,877	9.603.951	8,942,074	636,950	24,927	1.797.780	1.649.696	148.084
roudi			41,100,867	30,808,885	4,332,081	124,091	24,081,13/	21,020,708	2,804,002	00,207	(10,175,000)	(10,175,000)	10,200,499	10,940,40/	1,303,105	30,011	100,000,0	0,942,014	030,930	24,821	1,181,100	1,049,090	140,004

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				Total Regional En	ntity Assessments	(Including WIRAB	Assessments)	Regi	onal Entity NEL	Assessments		Penalty Sanction	ns - US Only	NPCC CORC US	Only Staff	NPCC Audit Bas	sed 45% CORC F	Program	WECC Compl	iance Assessn	nents (ex.AESO)		WIRAB Asses	sments
Data Year	Regional Entity	ID Entity	Country	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total	Total	US Total	Total	US Total	Total	US Total	Canada Total	Total	US Total	Canada Mexico Total Tota	Т	otal US Total	Canada Mexico Total Total
2009		1074 Alachua, City of	U.S.	2,672	2,672	-		2,699	2,699	-		(27)	(27)											
2009 2009	FRCC	1075 Bartow, City of 1076 Chattahoochee, City of	U.S.	6,603 955	6,603 955	:	- :	6,669 964	6,669 964			(66) (10)	(66) (10)											
2009 2009		<ul><li>1077 Florida Keys Electric Cooperative Assn</li><li>1078 Florida Power &amp; Light Co.</li></ul>	U.S. U.S.	14,980 2,412,303	14,980 2,412,303			15,131 2,436,586	15,131 2,436,586		:	(151) (24,283)	(151) (24,283)											
2009	FRCC	1079 Florida Public Utilities Company	U.S.	8,876	8,876	-	-	8,966	8,966			(89)	(89)											
2009 2009		1080 Gainesville Regional Utilities 1081 Homestead, City of	U.S. U.S.	41,173 10,622	41,173 10.622		-	41,587 10,729	41,587 10,729		-	(414) (107)	(414) (107)											
2009	FRCC	1082 JEA	U.S.	279,223	279,223			282,034	282,034		-	(2,811)	(2,811)											
2009 2009		1083 Lakeland Electric 1084 Mount Dora, City of	U.S. U.S.	65,526 2,078	65,526 2,078	:		66,185 2,099	66,185 2,099		-	(660) (21)	(660) (21)											
2009	FRCC	1085 New Smyrna Beach, Utilities Commission	U.S.	8,519	8,519			8,605	8,605		-	(86)	(86)											
2009 2009		1086 Orlando Utilities Commission 1087 Progress Energy Florida	U.S. U.S.	123,803 912,610	123,803 912,610			125,049 921,797	125,049 921,797			(1,246) (9,187)	(1,246) (9,187)											
2009	FRCC	1088 Quincy, City of	U.S.	3,169	3,169			3,201	3,201		-	(32)	(32)											
2009 2009		1089 Reedy Creek Improvement District 1090 St. Cloud, City of (OUC)	U.S. U.S.	26,916 13,140	26,916 13,140		-	27,186 13,272	27,186 13,272		-	(271) (132)	(271) (132)											
2009		1090 St. Cloud, City of (OUC) 1091 Tallahassee, City of	U.S.	61,431	61,431			62,049	62,049			(618)	(618)											
2009		1092 Tampa Electric Company	U.S.	432,554	432,554			436,908	436,908		-	(4,354)	(4,354)											
2009 2009		1603 Vero Beach, City of 1093 Wauchula, City of	U.S. U.S.	16,491 1,477	16,491 1,477			16,657 1,492	16,657 1,492			(166) (15)	(166) (15)											
2009	FRCC	1094 Williston, City of	U.S.	771	771		-	779	779		-	(8)	(8)											
2009 2009		1095 Winter Park, City of 1072 Florida Municipal Power Agency	U.S. U.S.	9,978 134,710	9,978 134,710			10,078 136,066	10,078 136,066			(100) (1,356)	(100) (1,356)											
2009	FRCC	1073 Seminole Electric Cooperative	U.S.	376,482	376,482			380,272	380,272			(3,790)	(3,790)											
		TOTAL FRCC		4,967,060	4,967,060	-		5,017,060	5,017,060	-		(50,000)	(50,000)											
2009 2009		1199 Basin Electric Power Cooperative 1201 Central Iowa Power Cooperative (CIPCO)	U.S.	319,014 82,812	319,014 82,812			325,392 84,468	325,392 84.468			(6,378) (1,656)	(6,378) (1,656)											
2009 2009		1201 Central Iowa Power Cooperative (CIPCO) 1204 Corn Belt Power Cooperative	U.S.	82,812 56,758	82,812 56,758			84,468 57,893	84,468 57,893			(1,656) (1,135)	(1,656) (1,135)											
2009		1207 Dairyland Power Cooperative	U.S.	161,721	161,721	-		164,955	164,955			(3,233)	(3,233)											
2009 2009		1210 Great River Energy 1222 Minnkota Power Cooperative, Inc.	U.S. U.S.	411,884 118,758	411,884 118,758			420,119 121,132	420,119 121,132	:	-	(8,235) (2,374)	(8,235) (2,374)											
2009	MRO	1230 Nebraska Public Power District	U.S.	393,890	393,890	-		401,765	401,765		-	(7,875)	(7,875)											
2009 2009		1232 Omaha Public Power District 1237 Southern Montana Generation and Transi	U.S.	320,468 139	320,468 139		:	326,875 141	326,875 141			(6,407)	(6,407)											
2009	MRO	1240 Western Area Power Administration (UM)	U.S.	258,813	258,813		-	263,988	263,988	-	-	(5,174)	(5,174)											
2009 2009		<ul><li>1239 Western Area Power Administration (LM)</li><li>1217 Manitoba Hydro</li></ul>	U.S. CAN	3,946 781,792	3,946	- 781,792		4,025 781,792	4,025	- 781,792	-	(79)	(79)											
2009		1235 SaskPower	CAN	626,375		626,375		626,375		626,375		-												
2009		1195 Alliant Energy (Alliant East - WPL & Allian		863,618	863,618	-		880,884	880,884		-	(17,266)	(17,266)											
2009 2009		1216 Madison, Gas and Electric 1220 MidAmerican Energy Company	U.S. U.S.	103,616 669,517	103,616 669,517			105,688 682,903	105,688 682,903			(2,072) (13,386)	(2,072) (13,386)											
2009		1221 Minnesota Power	U.S.	312,829	312,829		-	319,084	319,084		-	(6,254)	(6,254)											
2009 2009		1226 Montana-Dakota Utilities Co. 1231 NorthWestern Energy	U.S. U.S.	80,645 44,166	80,645 44,166		-	82,257 45,049	82,257 45,049		-	(1,612) (883)	(1,612) (883)											
2009	MRO	1233 Otter Tail Power Company	U.S.	132,872	132,872	-	-	135,529	135,529		-	(2,657)	(2,657)											
2009 2009		<ul> <li>1243 Integrys Energy Group (WPS and UPPCC</li> <li>1244 Xcel Energy Company (NSP)</li> </ul>	U.S.	420,149 1.396.413	420,149 1.396.413			428,549 1.424.331	428,549 1.424.331		-	(8,400) (27,919)	(8,400) (27,919)											
2009		1196 Ames Municipal Electric System	U.S.	22,608	22,608			23,060	23,060			(452)	(452)											
2009 2009		1604 Atlantic Municipal Utilities 1476 Badger Power Marketing Authority of Wis	U.S. U.S.	2,474 10,786	2,474 10,786		-	2,523 11,002	2,523 11,002		-	(49) (216)	(49) (216)											
2009		1200 Cedar Falls Municipal Utilities	U.S.	15,744	15,744	-		16,059	16,059			(315)	(315)											
2009		1477 Central Minnesota Municipal Power Agen		13,283	13,283		-	13,549	13,549		-	(266)	(266)											
2009 2009		1605 City of Pella 1203 Escanaba Municipal Electric Utility	U.S. U.S.	5,434 4,393	5,434 4,393			5,543 4,481	5,543 4.481			(109) (88)	(109) (88)											
2009	MRO	1205 Falls City Water & Light Department	U.S.	1,190	1,190			1,214	1,214		-	(24)	(24)											
2009 2009		1206 Fremont Department of Utilities 1208 Geneseo Municipal Utilities	U.S. U.S.	12,988 1,985	12,988 1,985		:	13,247 2.024	13,247 2.024			(260) (40)	(260)											
2009	MRO	1209 Grand Island Utilities Department	U.S.	21,190	21,190		-	21,614	21,614		-	(424)	(424)											
2009 2009		1606 Harlan Municipal Utilities 1211 Hastings Utilities	U.S. U.S.	577 12,284	577 12,284			588 12,530	588 12.530		-	(12) (246)	(12) (246)											
2009	MRO	1212 Heartland Consumers Power District	U.S.	20,558	20,558			20,969	20,969			(411)	(411)											
2009 2009		1213 Hutchinson Utilities Commission	U.S.	8,992	8,992 97,788	-	-	9,172	9,172 99.743		:	(180)	(180)											
2009		1215 Lincoln Electric System 1218 Manitowoc Public Utilities	U.S. U.S.	97,788 16,015	97,788 16,015			99,743 16,335	99,743 16,335		-	(1,955) (320)	(1,955) (320)											
2009	MRO	1223 Missouri River Energy Services 1224 MN Municipal Power Agency (MMPA)	U.S.	67,284	67,284		-	68,629	68,629		-	(1,345)	(1,345)											
2009 2009		1224 MN Municipal Power Agency (MMPA) 1607 Montezuma Municipal Light & Power	U.S. U.S.	43,064 816	43,064 816		-	43,925 833	43,925 833			(861) (16)	(861) (16)											
2009	MRO	1227 Municipal Energy Agency of Nebraska	U.S.	30,218	30,218		-	30,822	30,822		-	(604)	(604)											
2009 2009		1228 Muscatine Power and Water 1229 Nebraska City Utilities	U.S. U.S.	26,342 5,041	26,342 5,041			26,869 5,141	26,869 5,141			(527) (101)	(527) (101)											
2009	MRO	1234 Rochester Public Utilities	U.S.	37	37			37	37			(1)	(1)											
2009 2009		<ul> <li>1236 Southern Minnesota Municipal Power Age</li> <li>1241 Willmar Municipal Utilities</li> </ul>	U.S.	89,113 8,892	89,113 8,892		- :	90,895 9,070	90,895 9,070			(1,782) (178)	(1,782) (178)											
	MRO	1242 Wisconsin Public Power, Inc. (East and V		161,211	161,211			164,434	164,434			(3,223)	(3,223)											
		TOTAL MRO		8,260,502	6,852,336	1,408,166	<u> </u>	8,397,502	6,989,336	1,408,166	-	(137,000)	(137,000)											
2009 2009		1336 New England 1339 New York	U.S. U.S.	3,280,920 4,116,603	3,280,920 4,116,603		-	1,899,379 2,380,088	1,899,379 2,380,088			(136,923) (171,577)	(136,923) (171,577)	169,641 212,575	169,641 212,575	1,348,823 1,695,517		:						
2009 2009		1339 New York 1337 Ontario	U.S. Canada	4,116,603 2,072,988	4,116,603	2,072,988		2,380,088 2,072,988	2,380,088	2,072,988		(1/1,577)	(1/1,577)	212,575	212,575	1,695,517	1,695,517							
2009	NPCC	1341 Quebec	Canada	2,773,697		2,773,697	-	2,698,975		2,698,975	-					74,722		74,722						
2009 2009		1338 New Brunswick 1340 Nova Scotia	Canada Canada	204,690 203,711		204,690 203,711		204,690 174,231		204,690 174,231	:					29,480		29,480						
		TOTAL NPCC		12,652,610	7,397,523	5,255,087	-	9,430,352	4,279,467	5,150,885		(308,500)	(308,500)	382,216	382,216	3,148,542		104,202		-		-		
2009		1096 Alger Delta Cooperative Electric Associati		842	842			899	899			(58)	(58)											
2009 2009		1097 American Municipal Power 1104 Bay City	U.S. U.S.	47,033 4,721	47,033 4,721			50,262 5,045	50,262 5,045			(3,229)	(3,229)											
2009	RFC	1098 Village of Bethel	U.S.	417	417			445	445		-	(29)	(29)											
2009 2009		1101 Buckeye Power Inc. (DUKE-CIN) 1100 Buckeye Power Inc. (ATSI)	U.S. U.S.	3,812 14,529	3,812 14,529			4,073 15,526	4,073 15,526		-	(262) (997)	(262) (997)											
2009	RFC	1102 Cannelton Utilities	U.S.	238	238		-	255	255		-	(16)	(16)											
2009	RFC	1105 City of Chelsea	U.S.	1,318	1,318	-	-	1,409	1,409	-		(90)	(90)											

			Total Busines	-I F-sis. A	- //II MIDAD	<b>4</b>	Di	onal Entity NEL Ass			Danahi Canadan	- US O-I-	NPCC CORC US Only Staff	NDCC Audio	Based 45% COR	C P	WECC C	oliance Assessm	( AFRO)	WIRAB Assessments	
			Total Region	al Entity Assessmen	s (including WIKAB	Assessments)	Regi	onal Entity NEL Ass	sessments		Penalty Sanction	is - US Only	NPCC CORC US Only Starr	NPCC Audit	Based 45% COR	C Program	WECC Comp	Dilance Assessm	ents (ex.AESO)	WIKAB Assessments	
	gional Intity	ID Entity Co	ountry To	tal US Total	Canada Total	Mexico Total	Total	US Total (	Canada Total	Mexico Total	Total	US Total	Total US Total	al Tota	al US Total	Canada Total	Total	US Total	Canada Mexico Total Total	Canae Total US Total Tot	da Mexico tal Total
2009	RFC	1107 City of Crystal Falls	U.S. 52 U.S. 19	194			558 208	558 208		:	(36) (13)	(36) (13)									
			U.S. 1,12 U.S. 6,35		-		1,201 6,795	1,201 6,795		-	(77) (436)	(77) (436)									
			U.S. 6,35 U.S. 51		-		6,795 553	6,795 553			(436)	(436)									
2009	RFC	1490 City of Lansing	U.S. 30,17	7 30,177	-		32,248	32,248	-	-	(2,071)	(2,071)									
			U.S. 4,86 U.S. 2,27		- :		5,200 2,426	5,200 2,426			(334) (156)	(334) (156)									
	RFC	1114 City of Portland	U.S. 50		-		544	544		-	(35)	(35)									
			U.S. 56 U.S. 77		-		599 827	599 827		-	(38)	(38) (53)									
2009	RFC	1118 City of Wyandotte	U.S. 94	1 941	-		1,005	1,005		-	(65)	(65)									
			U.S. 23,42 U.S. 3.38				25,036 3.620	25,036 3.620		:	(1,608) (233)	(1,608)									
	RFC	1132 Cloverland (f.k.a Edison Sault Electric C	U.S. 9,54	9,549	-		10,205	10,205		-	(655)	(655)									
		1122 CMS ERM Michigan LLC U 1124 Constellation New Energy (MECS-CONS)	U.S. 1,85 U.S. 6,94		-	-	1,977 7,426	1,977 7,426		-	(127) (477)	(127) (477)									
			U.S. 9,94				10,627	10,627			(683)	(683)									
			U.S. 2,89 U.S. 1.71		-		3,088 1.835	3,088 1,835		-	(198) (118)	(198) (118)									
		1125 Constellation New Energy Inc. (DUKE-C I 1126 Consumers Energy Company I	U.S. 1,71 U.S. 476,82		-		509,558	1,835 509,558		- :	(32,731)	(32,731)									
			U.S. 654,38		-		699,307	699,307		-	(44,919)	(44,919)									
			U.S. 1,43 U.S. 5,30		-		1,534 5,667	1,534 5,667		- :	(99) (364)	(99) (364)									
	RFC	1131 DTE Energy Trading	U.S		-				-	-	-										
			U.S. 410,06 U.S. 60,18		-		438,216 64,313	438,216 64.313			(28,148) (4,131)	(28,148) (4.131)									
	RFC	1178 Duke Energy Ohio I	U.S. 257,83		-		275,534	275,534	-	-	(17,699)	(17,699)									
			U.S. 26,49 U.S. 12,22		-		28,309 13,060	28,309 13,060		-	(1,818) (839)	(1,818) (839)									
2009	RFC	1563 Energy International Power Marketing I	U.S		-	-			-	-	-	-									
			U.S. 58 U.S. 621,91		-		619 664.609	619 664.609		-	(40) (42,691)	(40) (42,691)									
2009	RFC	1137 FirstEnergy Solutions (ATSI)	U.S. 322,94	0 322,940	-	-	345,108	345,108	-	-	(22,168)	(22,168)									
			U.S. 31 U.S. 4,92		-		337 5,264	337 5,264		-	(22)	(22)									
2009	RFC	1610 Gexa Energy I	U.S. 21,84	1 21,841	-	-	23,340	23,340	-	-	(1,499)	(1,499)									
			U.S. 79 U.S. 1		-		848 15	848 15		-	(54) (1)	(54) (1)									
2009	RFC	1612 Glacial Energy (MECS-DET)	U.S. 38	387	-		414	414		-	(27)	(27)									
			U.S. 8 U.S. 10,49	0 80 7 10,497			85 11,217	85 11,217		:	(5) (721)	(5) (721)									
2009	RFC	1145 Hoosier Energy	U.S. 96,87	9 96,879	-		103,529	103,529		-	(6,650)	(6,650)									
		1148 Indiana Municipal Power Agency (DUKE ( U1485 Indiana Municipal Power Agency (NIPSC( U1485 Indiana Municipa			-		44,116 5,818	44,116 5.818			(2,834) (374)	(2,834)									
	RFC		U.S. 8,04				8,596	8,596			(552)	(552)									
			U.S. 215,20 U.S.	05 215,205 1 1	-		229,977 1	229,977 1			(14,772)	(14,772) (0)									
2009	RFC	1552 Integrys Energy Services (DUKE-CIN)	U.S. 27	0 270			289	289			(19)	(19)									
	RFC RFC		U.S. 3,49 U.S. 3,51		-		3,740 3,753	3,740 3,753			(240) (241)	(240) (241)									
			U.S. 3,31		-		403	403			(26)	(26)									
			U.S. 3,97 U.S. 16,75		-		4,247 17,906	4,247 17.906		-	(273) (1,150)	(273) (1,150)									
			U.S. 7,83				8,377	8,377			(538)	(538)									
			U.S. 41 U.S. 226,55		-		444 242,110	444 242,110		-	(29)	(29) (15,552)									
		1164 Ontonagon County Rural Electrification A: U					424	424			(15,552) (27)	(27)									
			U.S. 31,54 U.S. 8,453,24		-		33,705 9,033,499	33,705 9.033.499		-	(2,165) (580,260)	(2,165) (580,260)									
2009	RFC		U.S					9,033,499			(500,200)	(560,260)									
			U.S. 27 U.S. 5,85		-		290 6,258	290 6,258		-	(19) (402)	(19)									
				9 9			9	9			(1)	(402) (1)									
		1172 Sempra Energy Solutions (MECS-CONS) U	U.S. 7,97 U.S. 3,88		-		8,520 4,147	8,520 4.147		-	(547) (266)	(547) (266)									
		1171 Sempra Energy Solutions (MECS-DET) U 1173 Direct Energy (fkA:Strategic Energy) (AT U			-		4,465	4,147			(287)	(287)									
	RFC RFC	1175 Direct Energy (fka:Strategic Energy LLC) U 1176 Direct Energy (fka:Strategic Energy,LLC)	U.S. 3,70 U.S. 16		-		3,963 176	3,963 176		-	(255) (11)	(255) (11)									
			U.S. 3,71				3,971	3,971			(255)	(255)									
			U.S. 9 U.S. 92		-		99 983	99 983		-	(6) (63)	(6) (63)									
			U.S. 2,32				2,485	2,485			(160)	(160)									
			U.S. 76,54 U.S. 1.11		-		81,803 1,192	81,803 1,192		-	(5,255) (77)	(5,255) (77)									
			U.S. 63				675	675			(43)	(43)									
	RFC	1184 Wabash Valley Power Association Inc. (E. I.				-	39,296	39,296			(2,524)	(2,524)									
		1487 Wabash Valley Power Association Inc. (N U 1488 Wabash Valley Power Association Inc. (N U				-	2,576 23,990	2,576 23,990			(165) (1,541)	(165) (1,541)									
	RFC RFC	1185 Wisconsin Electric Power Co. U 1189 Wolverine Power Marketing Cooperative	U.S. 393,81 U.S. 14.26			-	420,849 15,248	420,849 15.248	-		(27,033) (979)	(27,033) (979)									
			U.S. 14,26 U.S. 35,12		-		37,534	37,534		- :	(2,411)	(2,411)									
2009	RFC	1190 Wolverine Power Marketing Cooperative U	U.S. 1,44 U.S. 45	7 1,447			1,546 487	1,546 487		:	(99) (31)	(99) (31)									
2009	0	TOTAL RELIABILITYFIRST	12,803,84		- :		13,682,744	13,682,744		-	(878,900)	(878,900)									
			U.S. 38,36				41,663	41,663			(3,303)	(3,303)									
	ERC	1268 Alabama Power Company	U.S. 584,62 U.S. 436.96			-	634,967 474,592	634,967 474,592		-	(50,346)	(50,346) (37,630)									
			U.S. 436,96 U.S. 425,27				4/4,592 461,903	474,592 461,903		-	(37,630) (36,624)	(37,630)									
2009 8	SERC	1272 APGI - Yadkin Division	U.S. 34	18 348		-	378	378			(30)	(30)									
2009 8	SERC	1582 Beauregard Electric Cooperative, Inc.	U.S. 204,67 U.S. 11,18	7 11,187			222,306 12,150	222,306 12,150	-	•	(17,626) (963)	(17,626) (963)									
2009 8	ERC	1462 Benton Utility District	U.S. 2,84	5 2,845		-	3,091	3,091			(245)	(245)									

																	1					
Part					Total Regional E	ntity Assessment	ts (Including WIRA	AB Assessments)	Reg	ional Entity NEL	Assessments		Penalty Sanctic	ons - US Only	NPCC CORC US Only Staff	NPCC Audit Based 45% CORC Program	WECC Co	empliance Assessments (	ex.AESO)	WIRAB	Assessments	
No.   1																						
March   Marc	Data Year		ID Entity	Countr	y Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total		Total	US Total	Total US Total	Total US Total Tot	a il Total	Canad US Total Tot	la Mexico al Total	Total US T	Canad otal Tota	a Mexico
18	2009	SERC	1274 Big Rivers Electric Corporation	U.S.	107,164	107,164			116,393	116,393			(9,229)	(9,229)								
10												-										
1	2009	SERC	1463 Canton, MS	U.S.	1,322	1,322			1,435	1,435			(114)	(114)								
15																						
10   10   10   10   10   10   10   10	2009	SERC	1279 City of Camden SC	U.S.	2,205	2,205			2,395	2,395			(190)	(190)								
1																						
The content of the	2009	SERC	1282 City of Conway AR (Conway Corpo	ration) U.S.	10,347	10,347		-	11,238	11,238			(891)	(891)								
10   10   10   10   10   10   10   10																						
Column   C	2009	SERC	1286 City of Hartford AL	U.S.	337	337	-		366	366		-	(29)	(29)								
March   Color   Color																						
100   100	2009	SERC	1289 City of Orangeburg SC Department	of Pu U.S.	9,978	9,978		-	10,838	10,838			(859)	(859)								
1.5																						
1.00	2009	SERC	1292 City of Seneca SC	U.S.	1,648	1,648			1,790	1,790			(142)	(142)								
1.																						
March   Marc	2009	SERC	1293 City of Troy AL	U.S.	3,984	3,984			4,327	4,327			(343)	(343)								
1985   1986												-										
State   Column   Co	2009	SERC	1584 Concordia Electric Cooperative, Inc.	. U.S.	2,669	2,669			2,898	2,898			(230)	(230)								
1965   1965   1966												-										
Section   Conference   Section	2009	SERC	1295 Dominion Virginia Power	U.S.	897,782	897,782			975,097	975,097			(77,314)	(77,314)								
Section   Column																						
200   201   202	2009	SERC	1478 E.ON U.S. Services Inc.	U.S.	362,147	362,147			393,334	393,334			(31,187)	(31,187)								
Section   Column																						
Section   Column	2009	SERC	1299 Electric Energy Inc.	U.S.	14,284	14,284			15,515	15,515			(1,230)	(1,230)								
250   250																						
Sept   150   Table	2009	SERC	1302 Fayetteville (NC) Public Works Con	nmissi U.S.	24,091	24,091			26,166	26,166			(2,075)	(2,075)								
200   200																						
Section   Color   Co	2009	SERC	1305 Georgia Power Company	U.S.	920,066	920,066			999,299	999,299			(79,233)	(79,233)								
Section   Sect																						
200   201	2009	SERC	1307 Greenwood (SC) Commissioners o	Publi U.S.	3,572	3,572			3,880	3,880			(308)	(308)								
200   250   100   Hove Managed Exement Agency   U.S.   19.08												-										
Page   Series   157   Afference Organisms   U.S.   2-428   2	2009	SERC	1309 Illinois Municipal Electric Agency	U.S.	19,498	19,498			21,177	21,177			(1,679)	(1,679)								
280   1817   Marches, Abunques Preuer   U.S.   7770   7770   9.0																						
Section   Sect	2009	SERC	1617 Kentucky Municipal Power	U.S.	7,790	7,790			8,461	8,461			(671)	(671)								
Series   131   M.Commiscomer Planish Vision   13   M.Commiscome Planish Vision   13																						
Serie   1316   Maringel Resirce Authority of Gooding   15, 113,208   113,208   113,277   123,7	2009	SERC	1313 McCormick Commission of Public \	Vorks U.S.	247	247		-	268	268			(21)	(21)								
Series   131   N.C. Electric Hemershore Copy   U.S.   133,056   133,056   144,012   114,059   144,012   114,059   144,012   114,059   144,012																						
Series   13	2009		1316 N.C. Electric Membership Corp.	U.S.	133,054	133,054			144,512	144,512			(11,458)	(11,458)								
Series   1989   Northwest Levisians Prover Cooperative   U.S.   2,994   3,292   3,292   1,289   1,28																						
SERC   1319 Old Dominion Electric Cooperation   U.S.   60,169   60,169   65,251	2009	SERC	1588 Northeast Louisiana Power Cooper	ative, I U.S.	2,994	2,994	-		3,252	3,252			(258)	(258)								
SERC   1916   Conceile Arthraresis Municipal Light and F   U.S.   2,899   3,149   3,148																						
SERC   121   Pedront EMIC   Dula med Progress   Val   S.   5,468   5,458   2,768   2			1618 Osceola (Arkansas) Municipal Light	and F U.S.	2,899		-		3,148		-	-	(250)	(250)								
Series   1322   Periment Municipal Prover Square (PMP)   U.S.   24,646   24,646   26,768																						
Ser.   1266   PowerSouth Energy   U.S.   89.231   89.231   96.015   96.015   (7.684)	2009		1323 Piedmont Municipal Power Agency	(PMP) U.S.				-			-	-	(2,122)	(2,122)								
Series   1320   Parine Power, Inc.   U.S.   16,602   16,602   18,031   18												-										
SERC   1325   Ruberford EMC   128   Sunth Cardinal Electric & Gas Company   U.S.   13,637   13,637   14,812   14,812   (1,174)	2009		1330 Prairie Power, Inc.	U.S.	16,602	16,602		-	18,031	18,031	-	-	(1,430)	(1,430)								
Sept.   1327   South Carolinan Public Service Authority   U.S.   77,137																						
2009   SERC   1500   South Louisane Electric Cooperative Asset   U.S.   16,512   6,512   7,073   7,073   (981)   (981)												-										
2009   SERC   1382   Southmen Hillrois Prower Cooperative   U.S.   15,988   15,988   15,988   17,343   17,345																						
2009   SERC   1919   Southwest Electric Cooperative Inc.   U.S.   26,155   26,155   28,408   28,408   -   (2.25)   (2.25)												-										
2009   SERC   1331   Tennessee Valley Authority   U.S.   1,783,740   1,783,740   .   1,337,350   1,397,350   .   (153,611)																						
2009   SERC   1323   Tombighee Electric Cooperative Inc.   U.S.   1,411   1,411   -   1,533   1,533   -   (122)   (122)								-			-	-										
2009   SERC   1932   Town of Black Creek, N.C.   U.S.   135   135   135   147   14																						
2009 SERC 1595 Town of Shartpsburg, N.C. U.S. 232 232 - 252 - 202 (20) 2009 SERC 1595 Town of Shartpsburg, N.C. U.S. 249 249 - 271 271 - 2(1) 2009 SERC 1333 Town of Wingsburgh N.C. U.S. 1,049 1,049 - 1,139 1,139 - (90) (90) 2009 SERC 1334 Town of Wingsburgh N.C. U.S. 820 820 - 881 891 - (71) (71) 2009 SERC 1335 Town of Winstrealist N.C. U.S. 555 555 - 803 603 - (48) (48) 2009 SERC 1597 Washington-St. Tammary Electric Cooper U.S. 1,805 1,805 - 1,986 1,986 - (1,923) (1,923) 2009 SERC 1597 Washington-St. Tammary Electric Cooper U.S. 1,805 1,883 11,883 - 1,296 12,966 - (1,923) (1,923) 2009 SERC 1597 Washington-St. Tammary Electric Cooper U.S. 1,805 1,581,560 - 1,581,560 1,581,560 - (91),000) 2009 SER 1435 Arkansas Electric Cooper U.S. 1,549,506 1,549,506 - 1,581,450 - (31),440 (1,944) 2009 SEP 1435 Arkansas Electric Cooperative Corporatic U.S. 1,587,840 16,740 - 171,300 - (1,944) (2,194) 2009 SEP 1437 Board of Public Utilities (Kansas Electric Cooperative Corporatic U.S. 106,403 106,403 - (16,597 108,597 - (2,194) (2,194) 2009 SEP 1620 Board of Public Utilities (Kansas Electric Fower U.S. 37,999 37,989 - 38,779 - (783)	2009	SERC	1592 Town of Black Creek, N.C.	U.S.	135	135		-	147	147		-	(12)	(12)								
2009 SERC 1533 Town of Stantonsburg, N.C. U.S. 249 249 - 271 271 - 271 (21) 2009 SERC 1333 Town of Wayneswille NC U.S. 1,049 1,049 - 1,139 1,139 - 9 (90) 2009 SERC 1335 Town of Winnsboro SC U.S. 820 820 - 881 891 - 71 (71) (71) 2009 SERC 1595 Valley Electric Membership Corporation, I U.S. 1,805 1,805 - 1,805 1,805 - 1,805 1,805 1,805 1 1,80		SERC	1594 Town of Sharpsburg, N.C.	U.S.	232	232	-		252	252		-		(20)								
2009 SERC 1334 Town of Winneshors SC U.S. 820 820 - 881 891 - (71) (71) 2009 SERC 1355 Town of Winneshors SC U.S. 555 555 - 8603 603 - (48) (48) 2009 SERC 1356 Valley Electric Membership Corporation, I U.S. 1,805 1,805 - 1,906 1,961 - (155) (155) 2009 SERC 1359 Valley Electric Membership Corporation, I U.S. 1,805 1,805 - 1,906 1,906 1,906 - (1,023) (1,023) 2009 SERC 1359 Valley Electric Cooper U.S. 1,1,803 11,803 - 12,906 12,906 - (1,023) (1,023) 2009 SPP 1435 American Electric Power U.S. 1,549,506 1,549,506 - 1,589,150 1,589,506 - (919,000) (919,000) 2009 SPP 1435 Arkansas Electric Cooperative Corporatic U.S. 1,649,506 1,549,506 - 171,300 171,300 - (3,460) (3,460) 2009 SPP 1437 Board of Public Utilities (Kansas Cliny KS U.S. 106,403 106,403 - 186,597 105,997 - (2,194) (2,194) 2009 SPP 1620 Board of Public Utilities (Kansas Cliny KS U.S. 106,403 106,403 - (3,399) 37,999 - (3,37,999) - (3,3		SERC	1595 Town of Stantonsburg, N.C.				-					-	(21)	(21)								
2009 SERC 1596 Valve Plactric Membership Corporation, I U.S. 1,505 555 - 1,603 603 - (48) (48) (48) (48) (48) (48) (48) (48)							-					-										
2009   SERC   1597   Washington-St, Tammany Electric Cooper   U.S.   11,883   11,883   -   12,906   12,906   -   (1,023)   (	2009		1335 Town of Winterville NC	U.S.	555	555	-		603	603		-	(48)	(48)								
TOTAL SERC 10,671,508 10,671,508 - 11,590,50			1597 Washington-St.Tammany Electric C		11,883	11,883			12,906	12,906			(1,023)	(1,023)					_			_
2009 SPP 1435 Arkansase Electric Cooperative Corporativ U.S. 167,840 167,840 - 171,300 171,300 - (3,460) (3,460) 2009 SPP 127 Board of Public Utilities (Kansase Clay KS U.S. 106,403 - 106,403 - 106,597 - (2,194) 2009 SPP 1620 Board of Public Utilities (Clay Korporative Clay Clay Clay Clay Clay Clay Clay Clay							-	-			-	-				-	-	-	_	-		_
2009 SPP 1247 Board of Public Utilities (Kansas City KS U.S. 106,403 106,403 - 106,597 - (2,194) 2009 SPP 1620 Board of Public Utilities, City of McPhers U.S. 37,989 37,989 - 38,772 - (783)																						
2009 SPP 1620 Board of Public Utilities, City of McPhers U.S. 37,989 37,989 38,772 (783) (783)							-					-										
2009 SPP 1468 Cap Rook Energy U.S. 36,221 36,221 36,968 36,968 (747) (747)	2009	SPP	1620 Board of Public Utilities, City of Mo	Phers U.S.	37,989	37,989	-		38,772	38,772		-	(783)	(783)								
	2009	SPP	1468 Cap Rock Energy	U.S.	36,221	36,221	-		36,968	36,968		-	(747)	(747)								

														Г						
				Tot	tal Regional Enti	ity Assessments	(Including WIRAE	3 Assessments)	Reg	ional Entity NEL	Assessments	Penalty San	tions - US Only	NPCC CORC US Only Staff	NPCC Audit Based 45% CORC Program	WECC Con	npliance Assessr	ments (ex.AESO)	WIRAB Ass	essments
Data Year	Regional Entity	ID	Entity Co	ountry	Total	US Total	Canada Total	Mexico Total	Total	US Total		lexico Total Tota	US Total	Total US Total	Canada Total US Total Total	Total	US Total	Canada Mexico Total Total	Total US Tota	Canada Mexico Total Total
2009				U.S.	34,208	34,208	-	-	34,913	34,913	-	- (705	(705)							
2009 2009				U.S. U.S.	25,203 7,645	25,203 7,645			25,722 7,803	25,722 7,803	-	- (520) - (158)	(520) (158)							
2009	SPP	1558 H	Hope Water & Light (HWL)	U.S.	12,785	12,785		-	13,048	13,048	-	- (264	(264)							
2009 2009				U.S. U.S.	7,504 48,370	7,504 48,370			7,659 49,368	7,659 49,368	-	- (155) - (997)	(155) (997)							
2009	SPP	1436 C	City Utilities of Springfield, MO	U.S.	138,403	138,403			141,256	141,256	-	- (2,853)	(2,853)							
2009 2009				U.S. U.S.	493,836 18,127	493,836 18,127			504,017 18.501	504,017 18.501	-	- (10,181) - (374)	(10,181) (374)							
2009				U.S.	235,780	235,780			240,641	240,641	-	- (4,861	(4,861)							
2009 2009				U.S. U.S.	18,297 200,216	18,297 200,216			18,675 204,343	18,675 204,343	-	- (377 - (4,128	(377) (4,128)							
2009	SPP	1251	Grand River Dam Authority	U.S.	191,906	191,906			195,863	195,863		- (3,956	(3,956)							
2009 2009				U.S. U.S.	700,042 91,113	700,042 91,113			714,474 92,991	714,474 92,991	-	- (14,432 - (1,878	(14,432) (1,878)							
2009			Kansas Electric Power Coop., Inc Kansas Municipal Energy Agency (KCPL		32,432	32,432			33,101	33,101		- (1,878	(1,878)							
2009 2009			KCP&L GMOC (Greater Missouri Operat Lafavette Utilities System	U.S. U.S.	378,037 93,190	378,037 93,190		-	385,830 95,111	385,830		- (7,794 - (1,921	(7,794) (1,921)							
2009				U.S.	55,344	55,344			56,485	95,111 56,485		- (1,141)	(1,921)							
2009	SPP		Louisiana Energy & Power Authority (LEI		-	-	-	-	-	-	-		-							
2009 2009			Midwest Energy Inc. Missouri Joint Municipal Electric Utility C	U.S. U.S.	71,873 98.827	71,873 98.827			73,355 100.864	73,355 100.864		- (1,482) - (2,037)	(1,482)							
2009	SPP		Northeast Texas Electric Cooperative, Inc		134,576	134,576			137,350	137,350	-	- (2,774	(2,774)							
2009 2009				U.S. U.S.	1,240,164	1,240,164 112,193			1,265,731 114,506	1,265,731 114,506		- (25,567) - (2,313)	(25,567) (2,313)							
2009	SPP	1561 F	Public Service Commission of Yazoo City	U.S.	5,344	5,344			5,454	5,454	-	- (110	(110)							
2009 2009			Roosevelt County Electric Coop Southwestern Power Administration (SP)	U.S.	9,666 179,735	9,666 179,735			9,865 183,440	9,865 183,440	-	- (199 - (3,705	(199)							
2009			Southwestern Public Service Co. (SPS-X		876,485	876,485			894,554	894,554		- (18,069)	(18,069)							
2009				U.S.	239,201	239,201		-	244,132	244,132	-	- (4,931)	(4,931)							
2009 2009				U.S. U.S.	20,683 18,061	20,683 18,061			21,110 18,434	21,110 18,434		- (426 - (372	(426) (372)							
2009				U.S.	990,700	990,700		-	1,011,124 338,228	1,011,124		- (20,424)								
2009 2009				U.S. U.S.	331,396 85,682	331,396 85,682			338,228 87,449	338,228 87,449		- (6,832) - (1,766)	(6,832) (1,766)							
		Т	TOTAL SPP	_	9,094,985	9,094,985			9,282,485	9,282,485	-	- (187,500)	(187,500)							
2009	TRE	1019 E	ERCOT		9,227,823	9,227,823			9,247,823	9,247,823		- (20,000)	(20,000)							
				-	9,227,823	9,227,823	-	-	9,247,823	9,247,823	-	- (20,000)	(20,000)							
2009 2009			Alberta Electric System Operator C British Columbia Transmission Corporatio C		2,258,305 2,819,973		2,258,305 2,819,973	-	2,237,035 2,399,702	:	2,237,035 2,399,702	-	:			- 397,455		- 397,455	21,270 22,817	21,270 22,817
2009				лапаца Лехісо	500,126		2,019,973	500,126	425,590			5,590 -				70,489		- 70,489	4,047 -	- 4,047
2009				U.S.	1,286	1,286 1,125		-	1,124	1,124		- (34	(34)			186	186 163		11 11	
2009 2009				U.S. U.S.	1,125 631	631			983 551	983 551	-	- (30) - (17)	(30) (17)			163 91	91		9 9 5 5	
2009	WECC	ΔΙ			1.400	1.400				1.223			(37)							
2009 2009	WECC			U.S.				-	1,223			- (37				203	203		12 12	
		Al	ALCOA INC.	U.S.	112,776	112,776			98,512	98,512	-	- (2,989	(2,989)			16,316	16,316		12 12 937 937	
2009	WECC	Al Ai Ai	ALCOA INC. Arizona Public Service Company Arkansas River Power Authority (ARPA)	U.S. U.S. U.S.	112,776 1,392,895 11,211	112,776 1,392,895 11,211	-		98,512 1,216,726 9,793	98,512 1,216,726 9,793	-	- (2,989 - (36,922 - (297	(2,989) (36,922) (297)			16,316 201,522 1,622			12 12 937 937 11,569 11,569 93 93	
2009	WECC WECC	Al Ai Ai	ALCOA INC. Arizona Public Service Company Arkansas River Power Authority (ARPA) Arlington Valley	U.S. U.S. U.S. U.S.	112,776 1,392,895 11,211 54	112,776 1,392,895 11,211 54			98,512 1,216,726 9,793 47	98,512 1,216,726 9,793 47		- (2,989 - (36,922 - (297 - (1	(2,989) (36,922) (297) (1)			16,316 201,522 1,622 8	16,316 201,522 1,622 8		12 12 937 937 11,569 11,569 93 93 0 0	
2009 2009 2009	WECC WECC WECC WECC	AI Ai Ai Ai A'	ALCOA INC. Arizona Public Service Company Arkansas River Power Authority (ARPA) Arlington Valley Avista Adjusted LSE NEL AVISTA CORPORATION	U.S. U.S. U.S. U.S. U.S. U.S.	112,776 1,392,895 11,211 54 432,374 10,486	112,776 1,392,895 11,211 54 432,374 10,486	-	-	98,512 1,216,726 9,793 47 377,689 9,160	98,512 1,216,726 9,793 47 377,689 9,160	-	- (2,989 - (36,922 - (297 - (11,461 - (278)	(2,989) (36,922) (297) (1) (11,461) (278)			16,316 201,522 1,622 8 62,555 1,517	16,316 201,522 1,622 8 62,555 1,517		12 12 937 937 11,569 11,569 93 93 0 0 3,591 3,591 87 87	
2009 2009 2009 2009	WECC WECC WECC WECC WECC	AI Ai Ai Ai A' Bi	ALCOA INC. Arizona Public Service Company Arkansas River Power Authority (ARPA) Arlington Valley Avista Adjusted LSE NEL AVISTA CORPORATION Barrick Gold Strike	U.S. U.S. U.S. U.S. U.S. U.S. U.S.	112,776 1,392,895 11,211 54 432,374 10,486 56,871	112,776 1,392,895 11,211 54 432,374 10,486 56,871		-	98,512 1,216,726 9,793 47 377,689 9,160 49,678	98,512 1,216,726 9,793 47 377,689 9,160 49,678	: : : :	- (2,989) - (36,922) - (297) - (11,461) - (278) - (1,508)	(2,989) (36,922) (297) (1) (11,461) (278) (1,508)			16,316 201,522 1,622 8 62,555 1,517 8,228	16,316 201,522 1,622 8 62,555 1,517 8,228		12 12 937 937 11,569 11,569 93 93 0 0 3,591 3,591 87 87 472 472	
2009 2009 2009	WECC WECC WECC WECC WECC WECC	AI AI AI A' Bi Bi	ALCOA INC. Arizona Public Service Company Arkansas River Power Authority (ARPA) Arlington Valley Avista Adjusted LSE NEL AVISTA CORPORATION Barrick Gold Strike	U.S. U.S. U.S. U.S. U.S. U.S. U.S.	112,776 1,392,895 11,211 54 432,374 10,486	112,776 1,392,895 11,211 54 432,374 10,486		- - - - - - -	98,512 1,216,726 9,793 47 377,689 9,160	98,512 1,216,726 9,793 47 377,689 9,160	- - - - - - -	- (2,989 - (36,922 - (297 - (11,461 - (278)	(2,989) (36,922) (297) (1) (11,461) (278)			16,316 201,522 1,622 8 62,555 1,517	16,316 201,522 1,622 8 62,555 1,517		12 12 937 937 11,569 11,569 93 93 0 0 3,591 3,591 87 87	
2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	AI AI AI AI AI BI BI BI BI	ALCOA INC. Arizona Public Service Company Arkansas River Power Authority (ARPA) Arlington Valley Avetsa Adjusted LSE NEL AVISTA CORPORATION Barrick Gold Strike Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative	U.S. U.S. U.S. U.S. U.S. U.S. U.S. U.S.	112,776 1,392,895 11,211 54 432,374 10,486 56,871 138,865 2,609 26,404	112,776 1,392,895 11,211 54 432,374 10,486 56,871 138,865 2,609 26,404		-	98,512 1,216,726 9,793 47 377,689 9,160 49,678 121,302 2,279 23,064	98,512 1,216,726 9,793 47 377,689 9,160 49,678 121,302 2,279 23,064		- (2,889 - (36,922 - (297 - (11,461) - (278 - (1,508 - (3,681) - (69) - (700	(2,989) (36,922) (297) (1) (11,461) (278) (1,508) (3,681) (69) (700)			16,316 201,522 1,622 8 62,555 1,517 8,228 20,091 377 3,820	16,316 201,522 1,622 8 62,555 1,517 8,228 20,091 377 3,820		12 12 937 937 11,569 11,569 9 0 0 0 3,591 3,591 87 472 472 1,153 22 22 219 219	
2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	AI AI AI AI AI BI BI BI BI BI	ALCOA INC. Artizona Public Service Company Arkansas River Power Authority (ARPA) Artington Valley Avista Adjusted LSE NEL. AVISTA CORPORATION Barrick Gold Strict Barrick Gold Strict Basin Electric Power Cooperative Basin Electric Power Cooperative (WAUW	U.S. U.S. U.S. U.S. U.S. U.S. U.S. U.S.	112,776 1,392,895 11,211 54 432,374 10,486 56,871 138,865 2,609	112,776 1,392,895 11,211 54 432,374 10,486 56,871 138,865 2,609			99,512 1,216,726 9,793 47 377,689 9,160 49,678 121,302 2,279	98,512 1,216,726 9,793 47 377,689 9,160 49,678 121,302 2,279	-	- (2,889 - (36,922 - (297) - (11,461) - (278) - (1,508) - (3,681) - (69)	(2,989) (36,922) (297) (1) (11,461) (278) (1,508) (3,681) (69)			16,316 201,522 1,622 8 62,555 1,517 8,228 20,091	16,316 201,522 1,622 8 62,555 1,517 8,228 20,091 377		12 12 937 937 11,569 11,569 93 93 0 0 0 3,591 3,591 87 472 472 1,153 1,153 22 22 22	
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	AI AI AI AA' BI BI BI BI BI BI	ALCOA INC. Artona Public Service Company Arkansas River Power Authority (ARPA) Arkansas River Power Authority (ARPA) Arkington Valley Avista Adjusted LSE NEL AVISTA CORPORATION Barrick Gold Strike Basin Electric Power Cooperative Basin Electric Power Cooperative BENTON REA Big Bend Electric Cooperative, Inc. (Avisti BIG BEND ELECTRIC COOPERATIVE, I BLOCHLYLAND ELECTRIC COOPERATIVE, I	U.S. U.S. U.S. U.S. U.S. U.S. U.S. U.S.	112,776 1,392,895 11,211 54 432,374 10,486 56,871 138,865 2,609 26,404 8,453 15,720 6,443	112,776 1,392,895 11,211 54 432,374 10,486 56,871 138,865 2,609 26,404 8,453 15,720 6,443			98,512 1,216,726 9,793 47 377,689 9,160 49,678 121,302 2,279 23,064 7,384 13,732 5,628	96,512 1,216,726 9,793 47 377,689 9,160 49,678 121,302 2,279 23,064 7,384 13,732 5,628		- (2,989) - (36,922) - (297) - (1,1,461) - (278) - (1,508) - (3,681) - (69) - (700) - (224) - (417) - (171)	(2,989) (36,922) (297) (1) (11,461) (278) (1,508) (3,681) (69) (700) (224) (417) (171)			16,316 201,522 1,622 8 62,555 1,517 8,228 20,091 377 3,820 1,223 2,274	16,316 201,522 1,622 8 62,555 1,517 8,228 20,091 377 3,820 1,223 2,274 932		12 12 12 937 937 11,569 93 93 93 93 93 93 93 93 93 93 93 93 93	
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	AI AI AI AI AI BI BI BI BI BI BI BI BI BI	ALCOA INC. Arizona Public Service Company Arkansas River Power Authority (ARPA) Arinigno Valley Avista Adjusted LSE NEL. AVISTA CORPORATION Barrick Gold Strike Basin Electric Power Cooperative Basin Electric Power Cooperative Besni Electric Power Cooperative Big Bend Electric Cooperative, Inc. (Avists Big Bend Electric Cooperative, Inc. (Bucklist) Big Cend Electric Cooperative, Inc. (Bucklist) Big Cend Electric Cooperative	U.S. U.S. U.S. U.S. U.S. U.S. U.S. U.S.	112,776 1,392,895 11,211 54 432,374 10,486 56,871 138,865 2,609 26,404 8,453 15,720	112,776 1,392,895 11,211 54 432,374 10,486 56,871 138,865 2,609 26,404 8,453 15,720			98,512 1,216,726 9,793 47 377,689 9,160 49,678 121,302 2,279 23,064 7,384 13,732	98,512 1,216,726 9,793 47 377,689 9,160 49,678 121,302 2,279 23,064 7,384 13,732		- (2,889 - (36,922 - (297) - (11,461) - (1508) - (3,681) - (69) - (700) - (224) - (417)	(2,989) (36,922) (297) (1) (11,461) (278) (1,508) (3,681) (69) (700) (224) (417)			16,316 201,522 1,622 8 62,555 1,517 8,228 20,091 377 3,820 1,223 2,274	16,316 201,522 1,622 8 8 62,555 1,517 8,228 20,091 377 3,820 1,223 2,274		12 12 937 937 11,569 11,559 93 93 0 0 3,591 3,591 87 87 472 472 1,153 1,153 1,153 1,153 1,22 219 219 70 70 131 131	
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	AI AI AI AI AI BI BI BI BI BI BI BI BI	ALCOA INC. Arizona Public Sarvice Company Arkansas River Power Authority (ARPA) Arinigno Valley Avista Adjusted LSE NEL. AVISTA CORPORATION Barrick Gold Strike Basin Electric Power Cooperative Basin Electric Power Cooperative Besin Electric Power Cooperative Bin Bend Electric Cooperative, Inc. (Avist: BIG BEND ELECTRIC COOPERATIVE, I BIG BEND ELECTRIC COOPERATIVE, I BIG ALCHIE Power Black Hills State University (State of SD) Black Hills State University (State of SD)	U.S. U.S. U.S. U.S. U.S. U.S. U.S. U.S.	112,776 1,392,895 11,211 54 432,374 10,486 56,871 138,885 2,609 26,404 8,453 15,720 6,443 84,476 790 202,394	112,776 1,392,895 11,211 54 432,374 10,486 56,871 138,865 2,609 26,404 8,453 15,720 6,443 84,476 790 202,394			98,512 1,216,726 9,793 47 377,689 9,160 49,678 121,302 2,279 23,064 13,732 5,628 73,791 690 176,796	99,512 1,216,726 9,793 47 377,689 9,150 49,678 121,302 2,279 23,064 7,384 13,732 5,628 73,791 690 176,796		- (2,989 - (36,922 - (297 - (1 - (11,461) - (15,508 - (3,881) - (99 - (700) - (224 - (417 - (17,71) - (2,239 - (215,5365) - (5,365)	(2,989) (36,922) (297) (1) (11,461) (278) (1,508) (3,681) (69) (700) (224) (417) (171) (2,239) (21) (5,365)			16,316 201,522 8 62,555 1,517 8,228 20,091 377 3,820 1,223 2,274 932 12,222 114 29,282	16,316 201,522 1,622 8 62,555 1,517 8,228 20,091 377 3,820 1,223 2,274 932 12,222 12,222 29,282		12 12 12 937 937 11,569 11,569 13,569 3 93 93 93 93 93 93 93 93 93 93 93 93	
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	AI AI AI AI AI BI BI BI BI BI BI BI BI BI BI BI BI BI	ALCOA INC. Artona Public Service Company Arkansas River Power Authority (ARPA) Arkansas River Power Authority (ARPA) Arkansas River Power Authority (ARPA) Artington Valley Avistra Adjusted LSE NEL AVISTA CORPORATION Basinic Blottic Power Cooperative Basini Electric Power Cooperative Beanini Electric Power Cooperative Beanini Electric Power Cooperative, Inc. (Avisti Bic Bend Electric Cooperative, Inc. (Avisti Bic Bend Electric Cooperative, Inc. (Avisti Bic Bend Electric ELECTRIC COOPERATIVE, I Black Hills State University (State of SD) Black Hills State University (State of SD) Black Hills State University (State of SD) Black Hills State University (North/Western Energy)	U.S. U.S. U.S. U.S. U.S. U.S. U.S. U.S.	112,776 1,392,895 11,211 54 432,374 10,486 56,871 138,865 2,609 26,404 8,453 15,720 6,443 84,476 790 202,394 1,403	112,776 1,392,895 11,211 54 432,374 10,486 56,871 138,865 2,609 26,404 8,453 15,720 6,443 84,476 790 202,394 1,403			98,512 1,216,726 9,793 47 377,689 9,160 49,678 121,302 2,279 23,064 7,384 13,732 5,628 73,791 690 176,796 1,226	98,512 1,216,726 1,216,726 47 377,689 9,160 49,678 121,302 2,279 23,064 7,384 13,732 5,628 73,791 690 176,796 1,226		. (2.989 (36.922 - (297) - (146) - (146) - (1508) - (3.681) - (700) - (224) - (417) - (2.239) - (217) - (2.39) - (368) - (368) - (700) - (224) - (417) - (2.39) - (215) - (368) - (368	(2,989) (36,922) (1) (1) (11,461) (278) (1,508) (3,681) (69) (700) (224) (417) (171) (2,239) (21) (5,365) (37)			16,316 201,522 8 62,555 1,517 8,228 20,091 377 3,820 1,223 2,274 932 12,222 114 29,282 203	16,316 201,522 1,622 8 62,555 1,517 8,228 20,091 377 3,820 1,223 2,274 932 12,222 114 29,282 203		12 12 12 937 937 11,569 11,569 93 93 93 93 93 93 93 93 93 93 93 93 93	
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	AI AI AI AA AA BB BB BB BB BB BB BB BB BB BB BB	ALCOA INC. Artizona Public Service Company Arkansas River Power Authority (ARPA) Barrick Gold Strike Basin Electric Power Cooperative Basin Electric Power Cooperative Bein Electric Power Cooperative Bein Electric Cooperative, Inc. (Avisti Bick Gellis Power Black Hills State University (State of SD) Black Hills State University (State	U.S. U.S. U.S. U.S. U.S. U.S. U.S. U.S.	112,776 1,392,895 11,211 54 432,374 10,486 56,871 138,865 2,609 26,404 8,453 15,720 6,443 84,476 790 202,394 1,403 6,367 7551	112,776 1,392,895 11,211 54 432,374 10,486 56,871 138,865 2,609 26,404 8,453 15,720 6,443 84,476 790 202,394 1,403 6,367 7551			98,512 1,216,726 9,793 47 377,689 9,160 49,678 121,302 2,279 23,064 7,384 13,732 5,628 690 176,796 1,226 5,562 5,562	98,512 1,216,726 1,216,726 47 377,689 9,160 49,678 121,302 2,279 23,064 7,384 13,732 5,628 73,791 690 176,796 1,226 5,562 656		- (2.989 (36.922 - (257 (15 (15 (15 (15 (15 (15 (15 (15 (15 (15	(2,989) (36,922) (297) (1) (11,461) (278) (1,508) (3,681) (69) (700) (224) (417) (171) (2,239) (21) (5,365) (37) (169)			16,316 201,522 1,622 8 62,555 1,517 8,228 20,091 3,77 3,820 1,223 2,274 29,282 203 921 109	16,316 201,522 1,622 8 62,555 1,517 8,228 20,091 377 3,820 1,223 2,274 932 12,222 114 29,282 203 921		12 12 12 937 937 11,569 11,569 93 93 93 93 93 93 93 93 93 93 93 93 93	
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	AI AI AI AI AI BI BI BI BI BI BI BI BI BI BI BI BI BI	ALCOA INC. Artizona Public Service Company Arkansas River Power Authority (ARPA) Arlington Valley Avets Adjusted LSE NEL. AVISTA CORPORATION Barrick Gold STIVE Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative, Inc. (Avista Bisch Edits Electric COOPERATIVE, I BIG BAND ELECTRIC COOPERATIVE, I BIACHLYLANE ELECTRIC COOPERATIVE, I Black Hills Power Black Hills Power Black Hills Power Bonneville Power (North/Western Energy) Bonneville Power (PUD No. 2) Bonneville Power Administration (Avista)	U.S. U.S. U.S. U.S. U.S. U.S. U.S. U.S.	112,776 1,392,895 11,211 54 432,374 10,486 56,871 138,865 2,609 26,404 8,453 15,720 6,443 84,476 790 202,394 1,403 6,367 751 172,866	112,776 1,392,895 11,211 54 432,374 10,486 56,871 138,865 2,609 26,404 8,453 15,720 6,443 84,476 790 202,394 1,403 6,367 751 172,866			98,512 1,216,726 9,793 47 377,689 9,160 49,678 121,302 2,279 23,064 7,384 13,732 5,628 73,791 690 176,796 1,226 5,562 656 151,003	98,512 1,216,726 9,793 47 377,689 9,160 49,678 121,302 2,279 23,064 7,384 13,732 5,628 73,791 690 176,796 5,562 656 151,003		(2,989 (36,922 (297) (11,461) (278) (1,1461) (1,278) (3,681) (69) (700) (22,239) (21) (2,239) (21) (3,681) (417) (17) (2,239) (21) (3,681) (3,781) (41) (41) (41) (41) (41) (41) (41) (4	(2,989) (36,922) (297) (1) (1,481) (278) (1,508) (3,681) (69) (700) (224) (417) (171) (2,239) (21) (5,365) (3,77) (169) (20) (4,582)			16,316 201,522 8 62,555 1,517 8,228 20,091 377 3,820 1,223 2,274 932 12,222 114 29,282 932 109 921	16,316 201,522 1,622 8 62,555 1,517 8,228 20,091 377 3,820 1,223 2,274 932 12,222 114 29,282 203 921 109 25,010		12 12 12 937 937 11,569 11,569 13,561 97 97 97 97 97 97 97 97 97 97 97 97 97	
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	AI AI AI AI AI BI BI BI BI BI BI BI BI BI BI BI BI BI	ALCOA INC. Artizona Public Service Company Arkansas River Power Authority (ARPA) Arlington Valley Avetsa Adjusted LSE NEL. AVISTA CORPORATION Barrick Gold STIVE Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative Besin Electric Cooperative, Inc. (Avists BIG BEND ELECTRIC COOPERATIVE, I BIG Bend Electric Cooperative, Inc. (Avists BIG BEND ELECTRIC COOPERATIVE, I BIGACHILY STIVE BIG END ELECTRIC COOPERATIVE, I BIG STIVE POWER STIVE STIVE OF STIVE BIG STIVE STIVE STIVE STIVE OF STIVE BIG STIVE STIVE STIVE STIVE BIG STIVE STIVE STIVE BIG STIVE STIVE BIG	U.S. U.S. U.S. U.S. U.S. U.S. U.S. U.S.	112,776 1,392,895 11,211 54 432,374 10,486 56,871 138,865 2,009 26,404 8,453 15,720 6,443 84,476 790 202,394 1,403 6,367 751 172,866 8,893 337	11,2,776 1,392,895 11,211 54 432,374 10,486 58,871 138,865 2,609 26,404 8,453 18,453 18,453 18,476 202,394 1,403 6,367 751 1172,866 8,893 3337			98,512 1.216,726 9,793 47 377,699 9,160 49,678 121,302 2,279 23,064 7,384 13,732 5,628 73,791 690 176,796 1,226 5,562 656 151,003 7,768	98.512 1,216,729 9,793 47 377,689 9,160 49.678 121,302 2,279 23,064 7,384 13,732 5,628 73,791 690 176,796 1,226 5,562 5,562 5,562 5,562 5,562 5,762 5,		(2,989 (8,922 (297) (11,461) (278) (1,508) (1,508) (1,608) (1,417) (2,239) (21) (2,239) (21) (1,536) (3,361) (1,618) (	(2,989) (36,922) (297) (1) (11,461) (278) (1,508) (3,681) (69) (700) (224) (417) (171) (2,239) (21) (5,365) (37) (169) (20) (4,582) (20) (4,582) (236)			16,316 201,522 1,622 8 62,555 1,517 8,228 20,091 377 3,820 1,223 2,274 429,282 203 921 109 25,010 1,287 48	16,316 201,522 8 62,555 1,517 8,228 20,091 377 3,820 1,223 2,274 932 11,44 29,282 203 921 109 25,010 1,287 49		12 12 12 937 937 11,569 11,569 93 93 93 93 93 93 93 93 93 93 93 93 93	
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	AIA AIA AIA AIA AIB BIB BIB BIB BIB BIB	ALCOA INC. Artizona Public Service Company Arkansas River Power Authority (ARPA) Arkansas River Power Authority (ARPA) Arkansas River Power Authority (ARPA) Arkansas River Power Authority Avistra Adjusted LSC NEL Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative Besin Electric Cooperative, Inc. (Avisti Bich Electric Cooperative, Inc. (Avisti Bich Bend Electric Cooperative, Inc. (Avisti Bich Bend Electric Cooperative, Inc. (Avisti Bich Bend Electric Bich Cooperative, Inc. (Avisti Bich Bend Electric Bich Bich Bich Bich Bich Bich Bich Bi	U.S. U.S. U.S. U.S. U.S. U.S. U.S. U.S.	112,776 1,392,985 11,211 54 432,374 10,486 56,871 138,865 26,404 8,453 15,720 6,443 84,476 79 020,394 1,403 6,367 751 172,868 8,893 337 812	112,776 1,392,895 11,211 54 432,374 10,486 56,871 1138,865 2,609 26,404 8,453 15,720 6,443 84,476 790 202,394 1,403 6,367 751 172,866 8,893 337 812			98,512 1,216,726 9,793 47 377,699 9,190 9,190 121,302 2,279 23,004 13,732 5,628 73,791 690 176,796 1,226 5,562 5,562 151,003 7,768 295 709	98.512 1,216,726 9,793 47 377,689 9,160 49,678 121,302 2,279 23,064 7,3791 690 176,796 1,226 5,628 73,791 176,796 1,226 5,562 5,662		. (2.98) . (8.922 . (297) . (11.461 . (11.461) . (15.08 . (3.681) . (3.681) . (699) . (2024 . (417) . (12.29) . (219) . (3.691) . (3.691) . (2.29) . (4.582 . (3.690) . (2024) . (4.582 . (2026)	(2,889) (36,922) (297) (1) (11,461) (278) (1,508) (3,881) (69) (700) (224) (417) (171) (223) (21) (5,365) (37) (69) (20) (20) (4,882) (238) (9) (22) (22)			16,316 201,522 1,622 8 62,555 1,517 8,228 20,091 377 37 3,820 1,223 12,222 114 29,282 203 921 109 25,010 1,287 49 117	16,316 201,522 1,622 8 62,555 1,517 8,228 20,091 377 3,820 1,223 2,274 932 2,274 932 11,222 114 29,282 203 921 109 25,010 1,287 49 117		12 12 12 937 937 11,569 11,569 93 93 93 93 93 93 93 93 93 93 93 93 93	
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	AIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	ALCOA INC. Artizona Public Service Company Arkansas River Power Authority (ARPA) Arkansas River Power Authority (ARPA) Arkansas River Power Authority (ARPA) Arkansa Adjusted LSE NEL AVISTA CORPORATION Barrick Gold Strike Basin Electric Power Cooperative Basin Electric Power Cooperative Besin Electric Power Cooperative Besin Electric Rooperative, Inc. (Avisti BIG BEND ELECTRIC COOPERATIVE, I BLACHLY-LAND ELECTRIC COOPERATIVE, I BLACHLY-LAND ELECTRIC COOPERATIVE, I BLACHLY-LAND ELECTRIC COOPERATIVE Black Hills State University (State of SD) Black Hills State University (State of	U.S. U.S. U.S. U.S. U.S. U.S. U.S. U.S.	112,776 1,392,985 1,1211 54 432,374 10,486 56,871 138,865 26,404 8,453 15,720 6,443 84,476 702 202,394 1,403 6,367 751 172,868 8,893 337 812 10,515,721 8,072	112,776 1,392,895 11,211 54 432,374 10,486 56,871 1138,865 2,609 26,404 8,453 15,720 6,443 8,4776 790 202,394 1,403 6,367 7,51 172,866 8,893 337 817 10,515,721 8,072			98,512 1,216,726 9,793 47 377,699 9,190 9,190 19,678 121,302 2,279 2,3,004 13,732 5,6,28 73,791 690 176,796 1,226 5,562 151,003 7,768 295 709 9,185,728	98.512 1,216.726 9,793 47,7689 9,195 121,302 2,279 23,064 1,7,384 13,732 5,628 73,791 690 176,796 1,226 656 651,003 7,768 295 709 9,185,728		. (2.989 . (38.922 . (297 . (11.461 . (11.461 . (15.08 . (3.681 . (700 . (224 . (417 . (177 . (2.239 . (205 . (3.651 . (3.651 . (3.651 . (4.582 . (205 . (20	(2,889) (36,922) (36,922) (41) (11,461) (11,508) (3,681) (69) (700) (224) (417) (42,239) (21) (37) (169) (20) (4,882) (236) (9) (2(26,748)			16,316 201,522 1,822 1,822 1,822 1,822 2,031 3,77 3,820 1,223 1,222 1,144 29,282 2,274 109 25,010 1,287 49 11,71 1,521,402 1,168	16,316 201,522 1,622 8 62,555 1,517 8,228 20,091 377 3,820 1,223 2,274 932 2,274 932 11,222 114 29,282 203 921 10,92 25,010 1,287 49 117 1,521,405 1,168		12 12 937 937 11,569 11,569 93 93 0 0 3,591 3,591 87 472 472 1,153 1,153 22 22 219 70 70 70 70 131 131 54 54 702 702 7 7 1,881 1,681 1,681 1,436 1,436 7,44 7,4 3 3 3 7,7 87,339 87,339 67 67	
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	AIA AIA AIA AIA AIA BIB BIB BIB BIB BIB	ALCOA INC. Artizona Public Service Company Arkansas River Power Authority (ARPA) Avistra Adjusted LSE NEL AVISTA CORPORATION Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Cooperative, Inc. (Avista Basin Electric Power Cooperative, Inc. (Avista Bisch Elles Electric Cooperative, Inc. (Avista Bisch Gelles Electric Cooperative, Inc. (Avista Bisch Hills State University (State of SD) Black Hills State Un	U.S. U.S. U.S. U.S. U.S. U.S. U.S. U.S.	112,776 1,392,895 11,211 11,211 5,4432,374 10,486 138,687 138,685 2,609 26,404 8,453 15,720 202,394 1,403 6,367 751 172,866 8,893 337 8,172,866 8,893 337 8,172,866	112,776 1,392,895 11,211 432,374 10,486 58,877 138,865 2,609 26,404 8,453 15,720 6,443 84,476 751 1172,866 8,893 337 751 1172,866 8,893 337 110,515,721 8,072			98,512 1.216,726 9,793 47 377,689 9,160 49,678 121,302 2,279 23,064 13,732 5,628 73,791 690 176,796 1,226 5,562 655 151,003 7,788 295 709 9,185,728 7,051 104,753	98.512 1,216,726 9,793 77,689 9,160 49,676 121,302 2,279 23,064 7,384 13,732 5,628 73,791 690 016,796 1,226 1,562 6,562 6,562 7,788 295 7,791 9,185,728 7,051		(2,989 (8,922 (297) (11,461) (278) (1,508) (1,508) (2,681) (1,	(2,889) (36,922) (297) (11) (11,461) (278) (1,508) (3,681) (69) (700) (224) (417) (171) (2,239) (21) (3,77) (169) (20) (4,582) (236) (9) (9) (22) (278,748) (214) (2,14) (3,179)			16,316 201,522 8 8 8 62,555 1,517 8,228 20,091 377 3,820 1,223 2,274 932 2,274 29,282 2,009 1,1,287 109 25,010 1,287 49 117 1,521,402 1,168 1,7,521	16,316 201,522 1,622 1,622 8 62,555 1,517 8,228 20,091 377 3,820 1,223 2,274 932 2,274 932 12,222 1,124 29,282 203 12,124 29,282 203 12,144 29,282 203 12,144 29,282 203 12,144 29,282 203 12,144 29,282 203 12,144 29,282 203 11,168 11,168 11,168 11,168		12 12 12 937 937 11,569 11,569 13,561 87 87 87 87 1472 472 11,153 1,153 22 219 229 270 70 70 70 131 54 54 54 54 54 54 54 54 54 54 54 54 54	
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	AIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	ALCOA INC. Artizona Public Service Company Arkansas River Power Authority (ARPA) Arkansas River Power Authority (ARPA) Arkansas River Power Authority (ARPA) Arkansa Adjusted LSE NEL AVISTA CORPORATION Barrick Gold Strike Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative Big Tom Rea Big Tom Re	U.S. U.S. U.S. U.S. U.S. U.S. U.S. U.S.	112,776 1,392,985 1,1211 54 432,374 10,486 56,871 138,865 26,404 8,453 15,720 6,443 84,476 702 202,394 1,403 6,367 751 172,868 8,893 337 812 10,515,721 8,072	112,776 1,392,895 11,211 54 432,374 10,486 56,871 1138,865 2,609 26,404 8,453 15,720 6,443 8,4776 790 202,394 1,403 6,367 7,51 172,866 8,893 337 817 10,515,721 8,072			98,512 1,216,726 9,793 47 377,699 9,190 9,190 19,678 121,302 2,279 2,3,004 13,732 5,6,28 73,791 690 176,796 1,226 5,562 151,003 7,768 295 709 9,185,728	98.512 1,216.726 9,793 47,7689 9,195 121,302 2,279 23,064 1,7,384 13,732 5,628 73,791 690 176,796 1,226 656 651,003 7,768 295 709 9,185,728		. (2.989 . (38.922 . (297 . (11.461 . (11.461 . (15.08 . (3.681 . (700 . (224 . (417 . (177 . (2.239 . (205 . (3.651 . (3.651 . (3.651 . (4.582 . (205 . (20	(2,889) (36,922) (36,922) (41) (11,461) (11,508) (3,681) (69) (700) (224) (417) (42,239) (21) (37) (169) (20) (4,882) (236) (9) (2(26,748)			16,316 201,522 1,822 1,822 1,822 1,822 2,031 3,77 3,820 1,223 1,222 1,144 29,282 2,274 109 25,010 1,287 49 11,71 1,521,402 1,168	16,316 201,522 1,622 8 62,555 1,517 8,228 20,091 377 3,820 1,223 2,274 932 2,274 932 11,222 114 29,282 203 921 10,92 25,010 1,287 49 117 1,521,405 1,168		12 12 937 937 11,569 11,569 93 93 0 0 3,591 3,591 87 472 472 1,153 1,153 22 22 219 70 70 70 70 131 131 54 54 702 702 7 7 1,881 1,681 1,681 1,436 1,436 7,44 7,4 3 3 3 7,7 87,339 87,339 67 67	
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	AI A	ALCOA INC. Artizona Public Service Company Arkansas River Power Authority (ARPA) Arkansas River Power Authority (ARPA) Arkansas River Power Authority (ARPA) Arkansa Adjusted LSE NEL AVISTA CORPORATION Barrick God Strike Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative Big Bond Electric Cooperative, Inc. (Avista Big Bond Electric COOPERATIVE; I BLACHLY-LAWE ELECTRIC COOPERAT Black Hills State University (State of SD) Black Hills State University	U.S. U.S. U.S. U.S. U.S. U.S. U.S. U.S.	112,776 1,302,895 1,312,11 54 432,374 10,486 56,871 138,885 2,609 26,409 8,453 15,720 1,403 6,367 751 172,889 337 812 10,515,721 119,921 119,921 119,921 119,921 119,921 119,921	112,776 1,392,895 11,211 14,432,374 10,486 15,897 1138,865 2,609 26,404 8,453 15,720 6,443 8,476 1,403 6,367 751 172,866 8,893 337 81,725 10,515,721 19,921 23,514 60,980 2,906			88,512 1,216,726 9,793 377,689 9,180 49,678 121,302 2,279 23,064 13,732 5,628 73,791 680 176,786 690 176,786 255 5,562 151,003 7,768 255 709 9,185,726 7,051 104,753 20,540 53,268 2,539	98.512 1,216.726 1,216.726 1,7689 1,7689 1,7689 1,7689 1,7689 1,226 1,738 1,732 1,73		. (2.98) . (8.922 . (297) . (11.461 . (12.78) . (15.08) . (3.681 . (68) . (700) . (224) . (417) . (12.79) . (22.99) . (3.67) . (3.67) . (3.67) . (3.67) . (3.67) . (3.77) . (4.525) . (278,748) . (21.78) . (31.79) . (3	(2,889) (36,922) (36,922) (41) (11,461) (11,508) (3,681) (68) (700) (224) (417) (2,239) (21) (37) (169) (20) (4,582) (20) (4,582) (20) (4,582) (278,748) (214) (3,179) (623) (1,171) (623)			16,316 201,522 1,822 8 62,555 1,517 1,517 3,820 1,222 1,122 1,122 1,102 1,03 92,11 1,03 92,11 1,03 92,11 1,03 92,11 1,03 92,11 1,03 92,11 1,03 92,11 1,03 92,11 1,03 92,11 1,03 92,11 1,03 92,11 1,03 92,11 1,03 92,11 1,03 92,11 1,03 93,40 2,03 3,40 2,03 3,40 2,03 4,20 8,823 420	16,316 201,522 1,622 1,622 1,622 1,622 1,622 1,622 1,517 1,521 3,77 3,820 1,223 2,274 1,223 2,274 1,223 1,224 1,162 1,163 1,1,521 1,168 1,7,350 1,1,68 1,7,350 1,1,68 1,7,350 1,1,68 1,7,350 1,1,68 1,7,350 1,1,68 1,7,350 1,7,350 1		12 12 12 937 937 11,569 93 3 0 0 3,591 3,591 1,559 12,5 1,55 22 22 19 70 70 70 131 54 54 54 54 54 54 54 54 54 54 54 54 54	
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	AIA AIA AIA AIA AIA BIB BIB BIB BIB BIB	ALCOA INC. Artona Public Service Company Arkansas River Power Authority (ARPA) Artington Valley Worksta Adjusted LSE NEL AWISTA CORPORATION Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Cooperative, Inc. (Avisti Bic Bend Electric Cooperative, Inc. (Avisti Bic Band Electric Cooperative, Inc. (Avisti Bic Bend Electric Cooperative, Inc. (Avisti Bic	U.S. U.S. U.S. U.S. U.S. U.S. U.S. U.S.	112,776 1,302,895 1,302,895 1,211 54 432,374 10,486 156,871 138,865 2,609 26,404 8,453 15,720 6,443 84,476 790 202,394 1,403 6,367 751 172,866 8,893 337 11,102 110,515,721 8,072 119,921 23,514 60,980	11,2,776 1,392,895 11,211 432,374 10,486 58,877 138,865 2,609 26,404 8,453 15,720 6,443 84,476 751 1172,866 8,893 337 751 1172,866 8,893 337 8,072 119,221 20,514 60,980			98,512 1.216,728 9,793 47 377,689 9,160 49,678 121,302 2,279 2.3,064 13,732 5,628 73,791 690 176,796 1,226 5,562 655 151,003 7,788 7,091 9,185,728 7,011 104,733 20,540 53,268	98.512 1,216,726 9,793 3,77,689 9,160 49,679 121,302 2,279 23,064 7,384 13,732 5,628 73,791 690 0,16,796 1,226 5,562 6,566 151,003 7,768 295 7,081 104,753 20,540 53,268		(2,989 (8,922 (297 (11,461) (11,461) (278 (1,508) (1,508) (1,6	(2,889) (36,922) (297) (11,461) (278) (1,508) (3,881) (69) (700) (224) (417) (177) (2,239) (21) (3,77) (169) (20) (4,582) (20) (4,582) (278,746) (214) (3,179) (623) (1,516) (777) (60)			16,316 201,522 8 8 62,555 1,517 8,228 20,091 377 3,820 1,223 2,274 932 2,274 29,282 203 921 109 25,010 1,273 109 117 1,521,402 1,168 17,380 3,402 8,823	16,316 201,522 1,622 8 62,555 1,517 8,228 20,091 377 3,920 1,223 2,274 932 2,224 114 29,282 203 921 109 25,010 1,287 1,521,402 1,168 1,7350 3,402 8,823 3,402		12 12 12 937 937 11,569 11,569 13,561 3,59	
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	AIA AIA AIA AIA AIA BB BB BB BB BB BB BB BB BC CC CC CC CC	ALCOA INC. Artona Public Service Company Arkansas River Power Authority (ARPA) Arkansas River Power Authority (ARPA) Arkansas River Power Authority (ARPA) Arkington Valley Vevista Adjusted LSE NEL AVISTA CORPORATION Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Cooperative, Inc. (Avisti BENTON REA Big Bend Electric COOPERATIVE, I BIG BAND ELECTRIC COOPERATIVE, I BIG BAND ELECTRIC COOPERATIVE, I BIACHLY-LANE ELECTRIC COOPERATIVE, I BIACHLY-LANE ELECTRIC COOPERATIVE, I BIACH BIL State University (State of SD) Biack Hills State University (State of SD) Bia	U.S. U.S. U.S. U.S. U.S. U.S. U.S. U.S.	112,776 1,392,895 1,392,895 432,374 10,486 138,867 138,869 26,404 8,453 15,720 6,443 84,476 790 202,394 1,403 6,367 751 172,886 337 812 10,515,721 8,921 23,514 6,988 2,908 2,	11,2,776 1,392,895 11,211 432,374 10,486 58,871 138,865 2,609 26,404 8,453 15,720 6,443 84,476 751 112,866 8,893 337 812 10,515,721 8,072 119,921 119,921 119,921 23,514 60,980 2,9006 3,393 162 1,735			98,512 1.216,728 9,793 47 377,689 9,180 49,678 121,302 2,279 23,064 13,732 5,628 73,791 690 176,796 1,226 5,562 656 151,003 20,77 99,185,728 7,051 104,753 20,540 141,753	98.512 1,216,726 9,793 3,160 9,793 9,160 49,679 121,302 2,279 23,064 7,384 13,732 5,628 73,791 690 9,166,796 11,226 5,562 5,56	-	. (2,989 . (8,922 . (297 . (11,461) . (11,461) . (12,78) . (13,681) . (6,98) . (700 . (224 . (41,77 . (11,77) . (22,39) . (169 . (20,28) . (3,78) . (169 . (20,28) . (23,68) . (21,48) . (21,48) . (21,49) . (	(2,889) (36,922) (297) (11,461) (278) (1,506) (3,881) (69) (700) (224) (417) (1,701) (2,239) (21) (3,77) (169) (20) (4,582) (236) (39) (22) (278,746) (214) (3,179) (623) (1,516) (77) (90) (4) (46)			16,316 201,522 1,822 1,822 1,822 8 8 62,555 1,517 8,228 20,091 377 3,820 1,223 2,274 932 2,274 29,282 203 921 109 92,5,010 1,521,402 1,186 17,360 3,402 8,823 420 491 23 251	16,316 201,522 1,622 8 62,555 1,517 8,228 20,091 377 3,820 1,223 2,274 932 2,224 1,224 1,109 25,010 1,281 1,09 25,010 1,283 921 1,09 25,010 1,283 921 1,09 25,010 1,283 921 1,09 25,010 1,283 921 1,09 25,010 1,283 491 1,7,350 3,402 491 23 251		12 12 12 937 937 11,569 11,569 13,591 3,59	
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	AIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	ALCOA INC. Artizona Public Service Company Arkansas River Power Authority (ARPA) Avista Adjusted LSE NEL AVISTA CORPORATION Barrick Gold Strike Basini Electric Power Cooperative Basini Electric Power Cooperative Basini Electric Power Cooperative Basini Electric Robert Cooperative Basini Electric Robert Cooperative Big Bend Electric Cooperative, Inc. (Avieta BENTON REA BENTON REA BENTON ELECTRIC COOPERAT BISINI BOWER BISINI POWER BISI	U.S. U.S. U.S. U.S. U.S. U.S. U.S. U.S.	112,776 1,302,895 1,302,895 432,374 432,374 40,486 56,871 138,865 56,871 138,865 6,443 8,453 15,720 202,394 1,403 6,367 751 172,869 337 812 10,515,721 18,921 20,515,721 19,921 20,515,721 19,921 20,515,721 20,5	112,776 1,392,895 11,211 14,44 432,374 4432,374 10,486 15,8971 138,865 2,609 26,404 8,453 15,720 6,443 16,367 751 172,866 8,893 3,37 175,721 19,921 23,514 60,980 2,906 3,393 162 2,906 3,393 162 2,906 3,393 162 2,906 3,393 162 2,906 3,393 162 2,906 3,393 162 2,906			88,512 1,216,726 9,793 377,689 9,190 49,678 121,302 2,279 23,064 1,394 13,732 5,628 73,791 680 176,796 690 176,796 1,226 5,552 656 151,003 7,768 295 709 9,185,728 7,051 104,753 20,540 53,268 2,539 2,964 141 1,515 2,668	98.512 1,216.726 1,216.726 1,793 477 377.689 1,7690 1,967 1,200 1,967 1,200 1,769 1,220 1,562 1,220 1,562 1,220 1,562 1,220 1,562 1,220 1,562 1,		. (2.98) . (8.922) . (297) . (11.46) . (12.76) . (13.66) . (3.66) . (3.66) . (3.67) . (41.77) . (22.93) . (42.77) . (19.78) . (20.78) . (20.78) . (20.78) . (20.78) . (20.78) . (20.78) . (21.78) .	(2,889) (36,922) (36,922) (41) (11,461) (12,461) (69) (700) (224) (417) (71) (72,393) (21) (83,77) (163) (20) (20) (4,582) (236) (9) (2(27,748) (2(24) (3,179) (623) (1,616) (777) (90) (46) (46) (81)			16,316 201,522 1,822 8 62,555 1,517 8,177 3,8230 1,223 2,274 832 2,274 1,29,282 2,039 1,122 1,108 9 25,010 1,287 49 1,168 17,350 3,402 2,1168 17,350 3,402 420 491 23 261 23 261 442	16,316 201,522 1,622 1,622 1,622 1,622 1,622 1,622 1,622 1,622 1,623 2,777 3,820 1,223 2,274 1,223 2,274 1,223 2,203 1,222 1,162 1,168 1,7,360 1,1,621 1,168 1,3,402 1,8,623 420 491 23		12 12 12 12 12 13 1569 13.591 3.591 3.591 3.591 3.591 15.59 19.59	
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	A A A A A A A A A A A A A A A A A A A	ALCOA INC. Artizona Public Service Company Arkansas River Power Authority (ARPA) Arkata Adjusted LSE NEL AVISTA CORPORATION Barrick Gold Strike Basini Electric Power Cooperative Basini Electric Power Cooperative Basini Electric Power Cooperative Basini Electric Cooperative, Inc. (Avieta Big Bend Electric Cooperative, Inc. (Avieta Big Bend Electric Cooperative, Inc. (Avieta Big Bend Electric COOPERATIVE, I BLOCHLY-LAWE ELECTRIC COOPERAT Black Hills State University (State of SD) Black Hills State University (WAUM) Black Hills State Univ	U.S. U.S. U.S. U.S. U.S. U.S. U.S. U.S.	112,776 1,302,895 1,312,11 54 432,374 10,486 56,871 138,885 56,871 138,885 56,443 84,473 15,720 202,384 14,403 6,367 172,866 3,87 172,866 3,87 172,866 3,87 181 20,115,721 18,921 20,214 60,980 3,393 162 2,906 3,393 162 2,906 3,393 162 2,906 3,305 3,168 3,055 3,168	112,776 1,392,895 11,211 14,44 432,374 4432,374 10,486 58,871 138,865 2,609 26,404 8,453 15,720 3,44 780 202,394 1,403 6,367 751 172,866 8,893 337 175,721 10,515,721 10,921 23,514 60,980 2,906 3,393 162 2,906 3,305 3,055 3,168			88,512 1,216,726 9,793 377,689 9,193 40,678 121,302 2,279 23,064 1,394 13,732 5,628 73,781 680 176,786 680 17,788 295 185,728 709 9,185,728 7,091 104,753 20,540 53,268 2,559 2,964 141 1,515 2,668 2,768 2,768	98.512 1,216.726 1,216.726 1,7689 1,7	•	. (2.98) . (8.922) . (297) . (11.46) . (12.76) . (13.68) . (3.68) . (3.68) . (3.68) . (3.68) . (3.68) . (3.68) . (3.70) . (477) . (177) . (2.29) . (20) . (20) . (20) . (20) . (20) . (20) . (20) . (20) . (20) . (20) . (20) . (21,78,748) . (31,79) . (61,616) . (77) . (90) . (46) . (46) . (41) . (46) . (41) . (46) . (41) . (44) . (44) . (44)	(2,889) (36,922) (36,922) (41) (11,461) (2297) (11) (11,461) (69) (700) (700) (700) (701) (717) (718) (717) (717) (718) (717) (718)			16,316 201,522 1,822 8,622,555 1,517 8,177 3,8230 1,223 2,274 4,93 2,274 4,93 2,510 1,287 4,93 2,1,168 17,350 3,402 4,168 17,350 3,402 4,168 17,350 4,251 4,261 4,361 4,	16,316 201,522 1,622 1,622 1,622 1,622 1,622 1,622 1,623 1,517 1,621 1,621 1,621 1,622 1,144 1,622 1,144 1,622 1,144 1,621 1,162 1,1		12 12 12 12 12 13 15.69 11.569 13.591 3.591 3.591 3.591 3.591 3.591 15.69 17.6 17.6 17.6 17.6 17.6 17.6 17.6 17.6	
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	A A A A A A A A A A A A A A A A A A A	ALCOA INC. Artona Public Service Company Arkansas River Power Authority (ARPA) Arkansas River Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative Besin Electric Cooperative, Inc. (Avisti Bic Bend Electric Cooperative, Inc. (Avisti Bic Bend Electric Cooperative, Inc. (Avisti Bic Bend Electric Electric Cooperative, Inc. (Avisti Bic Bic Billis Power Black Hills State University (State of SD) Black Hills State University (State of SD) Black Hills State University (State of SD) Black Hills Wyoming, Inc. Bonnoville Power (PUD No. 2) Bonnoville Power (PUD No. 2) Bonnoville Power (PUD No. 2) Bonnoville Power Administration (Avista) Bonnoville Power Administration (Avista) Bonnoville Power Conservation and Drainag California ISO Cantral Artona Water Conservation Distr Centry Autonoville Unity Board Contral Artona Water Conservation Distr Centry Altonoville Unity Board Contral Artona Water Conservation Distr Centry Of AlbiON City of AbiON City of BandDoN City Of BandDoN City Of Boulder City Of Boulder	U.S. U.S. U.S. U.S. U.S. U.S. U.S. U.S.	112,776 1,302,895 1,302,895 432,374 10,486 432,374 10,486 432,374 10,486 4,433 15,720 202,394 1,403 6,367 751 172,866 337 812 10,515,72 119,921 23,514 60,980 2,908 1,308 1,735 3,058 3,178 1,735 3,168 8,077	112,776 1,392,895 11,211 14,41 10,486 15,877 138,865 2,609 26,404 8,453 15,720 6,443 84,476 751 112,866 8,893 337 812 10,515,721 15,506 2,909 11,205			98,512 1.216,726 9,793 377,689 9,100 49,678 121,302 2,279 23,064 13,732 5,628 73,791 690 176,796 1,226 5,562 656 151,003 7,788 295 709 9,185,728 20,540 141 1,515 2,668 2,788 2,594 141 1,515 2,668 7,055 4,812	98.512 1,216,726 9,793 3,160 9,793 9,160 49,679 121,302 2,279 23,064 1,7,384 13,732 5,628 73,791 690 9,185,728 7,768 2056 104,753 20,540 1104,753 20,540 141 1,515 2,668 7,069 7,065 4,812 2,668 7,065	•	. (2.98) . (8.922 . (297) . (11.461) . (178) . (15.08) . (15.08) . (15.08) . (15.08) . (15.08) . (15.08) . (15.08) . (16.08) . (17.08) . (17.08) . (18.08) .	(2,889) (36,922) (297) (11,461) (278) (1,566) (3,681) (693) (700) (224) (417) (2,239) (21) (5,365) (37) (169) (20) (4,582) (236) (9) (2(2,78,748) (2(3,179) (6(3),77)			16,316 201,522 1,822 1,822 1,822 2,091 8,228 20,091 377 3,820 1,223 2,274 2932 2,274 29,282 2033 921 109 92,5,010 1,287 49 117 1,521,402 1,188 17,350 3,402 420 491 23 3,402 491 49 491 49 494 494 494 495 8,823 491 494 494 495 8,823 491 497	16,316 201,522 1,622 1,622 8 62,555 1,517 8,228 20,091 377 3,820 1,223 2,274 932 2,224 144 29,282 203 921 109 25,010 1,287 49 117 1,521,402 1,168 17,350 3,402 491 23 3,402 491 23 420 491 24 458 458 1,169 7697		12 12 12 937 937 11,569 11,569 0 0 0 3,591 3,591 87 87 87 87 87 87 87 87 87 87 87 87 87	
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	A A A A A A A A A A A A A A A A A A A	ALCOA INC. Artona Public Service Company Arkansas River Power Authority (ARPA) Arkansas River Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Cooperative, Inc. (Avisti Bich Electric Cooperative, Inc. (Avisti Bich Electric Cooperative, Inc. (Avisti Bich Electric Electric Electric Electric Electric Bich Electric Electric Electric Electric Bich Electric	U.S. U.S. U.S. U.S. U.S. U.S. U.S. U.S.	112,776 1,302,895 1,312,11 54 432,374 10,486 56,871 138,885 56,871 138,885 56,443 84,473 15,720 202,384 14,403 6,367 172,866 3,87 172,866 3,87 172,866 3,87 181 20,115,721 18,921 20,214 60,980 3,393 162 2,906 3,393 162 2,906 3,393 162 2,906 3,305 3,168 3,055 3,168	112,776 1,392,895 11,211 14,44 432,374 4432,374 10,486 58,871 138,865 2,609 26,404 8,453 15,720 3,44 780 202,394 1,403 6,367 751 172,866 8,893 337 175,721 10,515,721 10,921 23,514 60,980 2,906 3,393 162 2,906 3,305 3,055 3,168			88,512 1,216,726 9,793 377,689 9,193 40,678 121,302 2,279 23,064 1,394 13,732 5,628 73,781 680 176,786 680 17,788 295 185,728 709 9,185,728 7,091 104,753 20,540 53,268 2,559 2,964 141 1,515 2,668 2,768 2,768	98.512 1,216.726 1,216.726 1,7689 1,7	•	. (2.98) . (8.922) . (297) . (11.46) . (12.76) . (13.61) . (15.08) . (3.61) . (4.61)	(2,889) (36,922) (36,922) (41) (11,461) (2297) (11) (11,461) (69) (700) (700) (700) (701) (717) (718) (717) (717) (718) (717) (718) (718) (717) (718)			16,316 201,522 1,822 8,622,555 1,517 8,177 3,8230 1,223 2,274 4,93 2,274 4,93 2,510 1,287 4,93 2,1,168 17,350 3,402 4,168 17,350 3,402 4,168 17,350 4,251 4,261 4,361 4,	16,316 201,522 1,622 1,622 1,622 1,622 1,622 1,622 1,623 1,517 1,621 1,621 1,621 1,622 1,144 1,622 1,144 1,622 1,144 1,621 1,162 1,1		12 12 12 12 12 13 15.69 11.569 13.591 3.591 3.591 3.591 3.591 3.591 15.69 17.6 17.6 17.6 17.6 17.6 17.6 17.6 17.6	
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	A A A A A A A A A A A A A A A A A A A	ALCOA INC. Artizona Public Service Company Arkansas River Power Authority (ARPA) Arkansa Adjusted LSE NEL AVISTA CORPORATION Barrick Gold Strike Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Cooperative, Inc. (Avieta Big Bend Electric Cooperative, Inc. (Avieta) Big Bend Electric (Pooperative, Inc. (Avieta) Bennewille Power (Put No. 2) Bennewille Power Administration (Avieta) Bennewille Power Administratio	U.S. U.S. U.S. U.S. U.S. U.S. U.S. U.S.	112,776 1,302,895 1,302,895 432,374 402,374 10,486 56,671 138,885 2,609 26,404 8,453 15,720 202,384 8,473 750 202,386 6,443 84,476 775 172,6863 8,377 172,6863 8,377 172,6863 8,077 172,8683 337 10,215,721 19,921 20,316 2,906 3,393 162 2,906 3,393 162 2,906 3,393 162 2,906 3,393 162 1,735 3,168 8,077 5,508 1,388 978 1,388 978	112,776 1,392,895 11,211 14,44 432,374 4432,374 10,486 58,871 138,865 68,471 138,865 68,473 15,720 202,394 1,403 63,67 751 172,865 8,897 337 110,515,721 8,077 2119,921 22,514 60,980 2,906 3,393 162 2,906 3,393 162 2,906 3,393 162 1,735 3,168 8,077 5,508 1,388 9,78			88,512 1,216,726 9,793 377,689 9,193 47 377,689 121,302 2,279 23,084 13,732 5,628 73,791 690 176,796 5,562 5,562 5,562 151,003 7,768 295 709 9,185,728 7,091 104,753 20,540 53,268 2,599 2,964 141 1,515 2,668 2,768 2,768 2,768 2,768 1,7055 4,812 1,212 854 10,980	98.512 1,216,726 1,216,726 1,276,839 4,77 377,689 1,1600 49.678 121,302 2,3,79 23,064 1,7,384 13,732 5,622 73,79 11,226 5,522 73,79 11,226 5,582 6,566 151,003 7,09 9,185,728 7,061 104,753 20,540 53,268 2,539 2,964 141 1,515 2,668 2,768 7,055 4,812 1,212 854 19,980	- - - - -	. (2.98) . (8.922) . (297) . (11.461) . (15.08) . (16.08	(2,889) (36,922) (36,922) (1) (1) (1,1461) (278) (3,881) (69) (700) (224) (417) (2,239) (271) (417) (42,239) (20) (4,882) (2,268) (9) (2(27,748) (2(214) (3,179) (603) (46) (46) (46) (46) (46) (47) (46) (46) (47) (46) (46) (47) (46) (47) (49) (46) (47) (49) (46) (47) (49) (49) (49) (40) (40) (41) (41) (41) (41) (42) (43) (43) (44) (44) (44) (44) (45) (37) (26) (33)			16,316 201,522 1,822 8,622,555 1,517 8,177 3,3200 1,223 2,274 8,32 12,222 1,114 29,282 2033 921 1,09 25,010 1,287 49 1,168 17,350 3,402 2,114 24 45 45 41 23 25 1,168 17,350 3,402 49 11,17 1,521,402 49 11,180 77 77 70 1,114	16,316 201,522 1,622 1,622 1,622 1,622 1,622 1,622 1,623 1,6		12 12 12 12 12 12 13 15.69 11.569 11.569 13.591 3.591	
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	A A A A A A A A A A A A A A A A A A A	ALCOA INC. Artona Public Service Company Arkansas River Power Authority (ARPA) Arkansas River Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Cooperative, Inc. (Avisti Bic Bend Electric Cooperative, Inc. (Avisti Bic Bend Electric Cooperative, Inc. (Avisti Bic Bend Electric Ele	U.S. U.S. U.S. U.S. U.S. U.S. U.S. U.S.	112,776 1,302,895 1,302,895 432,374 10,486 432,374 10,486 58,871 138,865 2,009 26,404 8,453 15,720 1,403 6,367 751 172,886 3,37 812 10,515,721 18,072 119,921 23,514 60,980 2,906 2,906 2,906 3,393 162 2,1735 3,158 8,077 1,735 3,158 8,075 1,735 3,158 8,075 5,508 1,388 978	112,776 1,392,895 11,211 14,44 132,374 10,486 56,871 138,865 2,609) 26,404 8,453 15,720 6,443 84,476 751 112,866 8,893 337 812 10,515,721 18,972 119,921 23,514 60,980 2,906 1,305 3,165 3,165 3,165 3,165 3,165 3,165 8,077 5,506 8,077			98,512 1.216,726 9,793 9,160 9,160 9,160 9,160 19,678 1.21,302 2,279 2.3,064 13,732 5,628 73,791 690 176,796 1,226 5,562 656 151,003 7,788 295 709 9,185,728 215 104,753 20,544 141 1,515 2,688 2,798 7,055 144,753 20,546 141 1,515 2,688 2,798 7,055 4,812 1,212 854	98.512 1,216,726 9,793 3,160 9,793 9,160 49,679 121,302 2,279 23,064 1,7,384 13,732 5,628 73,791 690 0,16,796 1,226 5,562 656 151,003 7,768 2,95 709 9,185,728 7,051 104,753 20,540 141 1,515 2,668 2,768 1,528 4,812 2,768 7,055 4,812 1,212	- - - - -	. (2.98) . (8.922 . (297) . (11.461) . (11.461) . (15.08) . (15.08) . (15.08) . (15.08) . (15.08) . (2024) . (417) . (2.23) . (417) . (2.23) . (169) . (2024) . (3.17) . (45.82) . (278.748) . (214) . (31.79) . (6233) . (1.616) . (777) . (46) . (61) . (47) . (48)	(2,889) (36,922) (297) (11,461) (278) (1,568) (3,681) (693) (700) (224) (417) (2,239) (21) (5,585) (37) (169) (20) (4,582) (236) (9) (22) (278,748) (23) (33,779) (90) (4) (4) (5,616) (81) (84) (214) (146) (81) (84) (214) (146) (37) (26)			16,316 201,522 1,822 1,822 1,822 20,919 377 3,820 1,223 2,274 932 2,274 29,282 2033 921 109 92,5010 1,287 17 1,521,402 1,7,350 3,402 49 117 1,521,402 49 12 49 147 49 147 1,521,402 49 17 1,521,402 49 147 49 49 17 1,521,402 49 49 49 49 49 49 49 49 49 49 49 49 49	16,316 201,522 1,622 1,622 1,622 1,622 1,622 2,031 3,223 2,274 2,274 2,224 1,222 1,224 1,222 1,224 1,09 2,5,016 1,283 2,1,162 1,168 1,7,350 3,402 4,91 1,321,402 4,91 2,31 4,521 4,5		12 12 12 937 937 11,569 11,569 0 0 0 3,591 3,591 87 87 87 87 87 11,153 1,153 1,153 1,153 1,153 1,153 1,153 1,153 1,153 1,153 6 6 6,154 1,25 1,25 1,25 1,25 1,25 1,25 1,25 1,25	
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	A A A A A A A A A A A A A A A A A A A	ALCOA INC. Artona Public Service Company Arkansas River Power Authority (ARPA) Arkansas River Power Separative Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative Bean Electric Cooperative, Inc. (Avisti Bic Bend Electric Cooperative, Inc. (Avisti Bic Bend Electric Cooperative, Inc. (Avisti Bic Bend Electric Electric Cooperative, Inc. (Avisti Bic Bend Electric State University (State of SD) Black Hills Show (Policy (State of SD) Black Hills Show (State of S	U.S. U.S. U.S. U.S. U.S. U.S. U.S. U.S.	112,776 1,302,895 1,302,895 432,374 10,485 56,871 138,867 138,867 15,209 26,404 8,453 15,720 8,453 15,720 1,403 6,367 751 172,886 337 16,12 18,672 119,21 23,514 60,880 2,006 3,393 162 2,906 1,735 3,168 8,077 2,1735 3,168 8,072 1,735 3,168 8,073 1,735 3,168 8,073 1,735 3,168 1,388 8,073 1,735 1,506 1,388 1,287 1,506 1,388 1,287 1,506 1,388 1,287 1,273 1	112,776 1,392,895 11,211 14 432,374 10,486 56,871 138,865 2,609 26,404 8,453 15,720 6,443 84,476 751 112,866 8,893 337 812 10,515,721 8,072 119,921 23,514 60,980 2,906 3,393 162 1,735 3,165 3,			98,512 1.216,726 9,793 9,190 9,190 9,190 9,190 121,302 12,279 2.3,094 13,732 5,628 73,791 690 176,796 1,226 5,562 5,562 656 151,003 7,768 295 7,091 9,185,728 2,593 2,964 141 1,515 2,688 2,739 2,964 141 1,515 2,688 7,095 4,812 1,212 854 10,990 5,444 979	98.512 1,216,726 9,793 3,160 9,793 9,160 49,679 23,064 13,732 5,628 73,791 6,628 73,791 6,628 73,791 6,628 73,679 11,226 656 651,003 7,768 2,255 709 9,185,728 7,561 104,753 20,540 53,268 2,259 7,051 104,753 20,540 53,268 2,593 4,812 1,1515 2,688 2,765 4,812 1,212 1,212 1,212 1,212 1,212 1,212 1,212 1,212 1,212 1,214 1,554 1,980 1,544 1,979 1,1980 1,544 1,979 1,1980 1,544 1,979 1,1980 1,544 1,979 1,1980 1,	- - - - - - -	. (2.98) . (38.922 . (297) . (11.461) . (11.461) . (15.08) . (15.08) . (3.681) . (3.681) . (3.681) . (224) . (417) . (224) . (417) . (229) . (231) . (45.82) . (38.92) . (28.92) . (278.748) . (31.79) . (43.179) . (43.179) . (44.181) . (31.79) . (45.29) . (46.29) . (47.71) . (46.29) . (47.71) . (48.29) . (48.29) . (49.29) . (4	(2,889) (36,922) (297) (278) (11,461) (278) (3,681) (63) (700) (224) (417) (2,239) (21) (5,565) (37) (169) (20) (4,582) (236) (9) (2(2,78,748) (2,77) (1,616) (77) (77) (77) (77) (77) (77) (77) (7			16,316 201,522 1,822 1,822 1,822 20,091 8,228 20,091 377 3,820 1,223 2,274 2932 2,274 29,282 203 921 109 925,010 1,287 49 117 1,521,402 420 3,402 420 3,402 420 420 420 420 420 420 420 421 458 8,823 420 420 420 458 8,823 421 442 458 8,823 420 420 458 8,823 421 441 8,819 902 162 200 162	16,316 201,522 1,6		12 12 937 11,569 11,569 0 0,3,591 3,591 3,591 472 11,153 1,1	
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	A A A A A A A A A A A A A A A A A A A	ALCOA INC. Artizona Public Service Company Arkansas River Power Authority (ARPA) Avista Adjusted LSC NEL AVISTA CORPORATION Berrick Gold Strike Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Cooperative, Inc. (Avista Big Bend Electric Cooperative, Inc. (Avista Big Bend Electric Cooperative, Inc. (Avista Big Bend Electric Cooperative, Inc. (Avista) Black Hills State Inhiversity (State of SD) Black Hills State Inhiversity (State of SD) Black Hills State Inhiversity (State of SD) Black Hills Wyoming, Inc. Black	U.S. U.S. U.S. U.S. U.S. U.S. U.S. U.S.	112,776 1,302,895 1,302,895 432,374 40,486 56,671 138,885 2,609 26,404 8,453 15,720 6,443 84,476 70 202,384 15,720 1,403 6,367 172,686 8,807 751 172,686 8,072 119,921 14,921 14,931 6,986 3,393 162 2,906 3,393 162 2,906 3,393 162 2,906 3,393 162 1,735 3,168 8,077 5,508 1,388 978 12,570 6,233 1,121	112,776 1,392,895 11,211 14,44 432,274 4432,274 410,486 58,871 138,865 2,609 26,404 8,453 15,720 202,394 1,403 6,367 751 172,866 8,897 337 110,515,721 8,077 211,921 22,514 60,980 2,906 3,393 162 2,906 3,393 162 2,906 3,393 162 1,735 3,168 8,077 5,508 1,388 978 12,570 6,233 1,121			88,512 1,216,726 9,793 377,689 9,793 121,302 2,279 23,084 13,732 5,628 73,791 160,990 176,796 1,226 5,552 5,552 5,552 151,003 7,768 225 7,091 104,753 20,540 53,268 2,758 2,964 141 1,515 2,668 2,758 2,964 141 1,515 2,668 2,768 2,768 1,7055 4,812 1,212 854 4,812 1,212 854 10,980 5,444	98.512 1,216,726 1,216,726 1,216,726 1,216,726 1,216,726 1,216,726 1,241 1,515 1,246		. (2.98) . (8.922) . (297) . (11.461) . (13.681) . (15.08) . (3.681) . (36) . (36) . (36) . (36) . (36) . (36) . (36) . (37) . (16) . (22) . (27) . (45,025) . (20) . (22,78,748) . (41,616) . (77) . (90) . (46) . (16,166) . (77) . (90) . (46) . (161) . (46) . (161) . (164) . (164) . (214) . (264) . (264) . (265) . (266) . (37) . (266) . (37) . (38) .	(2,889) (36,922) (36,922) (41) (11,461) (278) (3,881) (69) (700) (224) (417) (2,239) (71) (417) (2,239) (20) (4,862) (20) (4,862) (20) (4,862) (21,474) (46) (46) (46) (46) (46) (46) (47) (46) (46) (47) (46) (47) (46) (47) (49) (46) (47) (49) (46) (47) (49) (46) (47) (49) (49) (49) (49) (49) (40) (40) (41) (41) (41) (41) (42) (43) (43) (44) (44) (45) (46) (47) (27) (28) (33) (33) (46) (33) (33) (46) (33)			16,316 201,522 1,822 8 62,555 1,517 8,177 3,320 1,223 2,274 832 12,222 2,233 921 1,03 93 93 93 93 93 93 93 93 93 93 93 93 93	16,316 201,522 1,622 8 62,555 1,517 8,228 20,091 1,223 2,274 33,20 2,274 1,223 2,274 1,223 2,274 1,162 1,168 17,360 1,36		12 12 12 937 937 11,569 11,569 13,561 13,561 13,561 14,56 14	
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	A A A A A A A A A A A A A A A A A A A	ALCOA INC. Artizona Public Service Company Arkansas River Power Authority (ARPA) Arkansa Adjusted LSC NEL AVISTA CORPORATION Berrick Gold Strike Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative Basin Electric Cooperative, Inc. (Avieta Big Bend Electric Cooperative, Inc. (Avieta Big Carlot Formation (Avieta) Black Hills Power Black Hills State University (State of SD) Black Hills Wyoming, Inc. Black Hill	U.S. U.S. U.S. U.S. U.S. U.S. U.S. U.S.	1112,776 1,392,895 1,1211 54 432,374 10,486 56,871 138,885 2,600 8,453 15,720 6,443 84,473 15,720 1,403 6,367 172,668 3,751 172,668 3,751 172,668 3,751 172,668 3,751 172,668 3,751 172,668 3,751 172,668 3,751 172,668 3,751 172,668 3,751 172,668 3,751 172,668 3,751 172,668 3,751 172,668 3,751 172,668 3,751 172,751 173,751 173,751 174,751 175,508 175,751 175,508 175,751 175,508 175,508 175,751 175,508 175,751 175,508 175,751 175,508 175,751 175,508 175,751 175,	112,776 1,392,895 11,211 14,443,2,374 4432,374 410,486 58,871 138,865 2,809 26,404 8,453 15,720 6,443 84,476 751 172,869 3,397 119,21 12,514 60,980 2,909 3,393 162 2,909 3,393 162 2,514 60,980 2,909 1,388 978 1,25,508 1,388 978 1,25,508 1,388 978 1,25,709 6,233 1,121 136 794 10,078 5,294 10,078			88,512 1,216,726 9,793 377,689 9,793 121,302 2,279 23,084 13,732 5,628 73,791 160,90 176,796 1,226 5,552 5,552 5,552 151,003 2,768 2,559 1,252 1,212 8,544 1,515 2,668 2,768 2,768 1,555 4,812 1,212 8,544 1,990 1,980 5,444 979 119 694 8,804 4,624	98.512 1,216,726 1,216,726 1,216,726 1,216,726 1,216,726 1,216,726 1,226		. (2.98) . (8.9.22) . (297) . (11.461) . (15.08) . (15.08) . (16.08) . (16.08) . (17.14) . (17.1	(2,889) (36,922) (36,922) (1) (1) (1,461) (278) (3,881) (69) (700) (700) (224) (4171) (423) (423) (4382) (4382) (446) (446) (446) (377) (26) (333) (465) (30) (44) (465) (30) (44) (466) (377) (26) (333) (465) (30) (49) (21) (267)			16,316 201,522 1,822 1,822 1,822 1,822 2,031 1,977 3,820 1,123 1,144 1,232 1,144 1,162 1,163 1,164 1,165 1,1	16,316 201,522 1,622 1,622 1,622 1,622 1,622 1,622 1,622 1,623 1,6		12 12 12 12 12 13 15.59 11.599 13 393 39 393 393 393 393 393 393 393	
2009 2009 2009 2009 2009 2009 2009 2009	WECC WECC WECC WECC WECC WECC WECC WECC	A A A A A A A A A A A A A A A A A A A	ALCOA INC. Artona Public Service Company Arkansas River Power Authority (ARPA) Arkansas River Power Cooperative Basin Electric Power Cooperative Basin Electric Power Cooperative Beasin Electric Power Cooperative Beasin Electric Cooperative, Inc. (Avisti Big Bend Electric State University (State of SD) Black Hills State University (State	U.S. U.S. U.S. U.S. U.S. U.S. U.S. U.S.	112,776 1,302,895 1,302,895 432,374 10,485 56,871 138,867 138,863 15,720 26,049 1,403 6,367 751 172,866 337 1172,866 337 1172,866 337 1172,866 337 11,725 119,211 6,072 119,211 119,21 11	112,776 1,392,895 11,211 14 432,374 10,486 56,871 138,865 2,609 26,404 8,453 15,720 6,443 84,476 751 112,866 8,893 337 812 20,191 20,515,721 8,072 119,921 23,514 60,980 2,906 3,393 162 2,906 3,393 162 3,065 1,388 8,077 5,506 1,388 8,077 5,506 1,388 8,077 5,506 1,388 8,077 5,506 1,388 8,077 5,506 1,388 8,077 5,506 1,388 8,077 6,233 1,121 136 6,233 1,121 136 6,233			98,512 1.216,726 9,793 9,190 9,190 9,190 9,190 121,302 12,279 2.3,094 13,732 5,628 73,791 690 176,796 1,226 5,562 656 151,003 7,788 295 709 9,185,728 2,594 141 1,515 2,668 2,708 2,708 2,964 141 1,515 2,668 7,055 1,268 2,708 1,212 1,212 854 1,0,990 5,444 9,79 119 6,644 8,804	98.512 1,216,726 9,793 3,160 9,793 9,160 49,673 121,302 2,279 23,064 1,7,384 13,732 5,628 73,791 6,626 5,562 656 651,003 7,768 2,255 709 9,185,728 7,051 104,753 20,540 11,515 2,688 2,539 2,964 141 15,515 2,688 2,768		. (2.98) . (38.922 . (297) . (11.461) . (11.461) . (15.98) . (3.681) . (3.681) . (3.681) . (3.681) . (224) . (417) . (127) . (117) . (229) . (231) . (362) . (302) . (45.92) . (278.748 . (31.79) . (43.179) . (44.782) . (45.822) . (45.822) . (46.823) . (47.822) . (48.822) . (4	(2,889) (36,922) (297) (278) (278) (11,461) (278) (3,681) (683) (700) (224) (417) (177) (2,239) (20) (3,77) (169) (20) (4,682) (236) (9) (2) (2,78,748) (40) (40) (417) (77) (77) (77) (77) (77) (77) (90) (46) (611) (64) (61) (64) (61) (66) (63) (64) (61) (64) (61) (65) (63) (64) (64) (61) (65) (63) (64) (64) (61) (65) (65) (65) (65) (66) (66) (66) (66			16,316 201,522 1,822 1,822 1,822 20,091 8,228 20,091 377 3,820 1,223 2,274 2932 2,274 29,282 2033 921 1,09 925,010 1,287 49 117 1,521,402 4,02 3,402 4,91 23 42 458 8,23 42 491 23 42 458 8,11,687 797 201 1,411 1,819 902 162 20 115	16,316 201,522 1,623 1,623 1,623 1,624 1,626 1,626 1,627 1,621 1,621 1,621 1,621 1,621 1,621 1,621 1,622 1,6		12 12 937 11,569 11,569 0 0,3,591 3,591 3,591 3,591 472 11,153 1,1	

				Total Regional En	tity Assessments	(Including WIRAB Assess	sments)	Regio	nal Entity NEL	Assessments		Penalty Sanctions	s - US Only	NPCC CORC US Only Staff	NPCC Audit Based 45% COF	RC Program	WECC Comp	liance Assessments	(ex.AESO)	W	RAB Assessme	ents
Data Year	Regional Entity ID	Entity (	Country	Total	US Total	Canada Total Mexi	ico Total	Total	US Total	Canada Total	Mexico Total	Total	US Total	Total US Total	Total US Total	Canada	Total	Canal US Total To	da Mexico	Total	US Total	Canada Mexico
2009	WECC	CITY OF HERMISTON DBA HERMISTOI	U.S.	5,182	5,182	-	-	4,527	4,527	-	-	(137)	(137)	1044 00 1044	10101 00 10101	Total	750	750	tail Total	43	43	Total Total
2009	WECC	CITY OF HEYBURN	U.S.	1,829	1,829	-	-	1,598	1,598 343	-		(48)	(48)				265	265 57		15 3	15 3	
2009 2009	WECC	City of Las Vegas CITY OF MCCLEARY	U.S. U.S.	393 1,554	393 1,554			343 1,358	1,358			(10) (41)	(10) (41)				57 225	225		13	13	
2009	WECC	CITY OF MCMINNVILLE	U.S.	32,024	32,024	-		27,974	27,974	-	-	(849)	(849)				4,633	4,633		266	266	
2009 2009	WECC	CITY OF MILTON CITY OF MILTON-FREEWATER	U.S. U.S.	2,983 5,410	2,983 5,410	-		2,606 4,726	2,606 4,726		-	(79) (143)	(79) (143)				432 783	432 783		25 45	25 45	
2009	WECC	CITY OF MINIDOKA	U.S.	46	46			40	40		-	(1)	(1)				7	7		0	0	
2009 2009	WECC	CITY OF MONMOUTH City of Needles	U.S. U.S.	3,298 1.787	3,298 1,787			2,881 1.561	2,881 1.561	-	-	(87) (47)	(87) (47)				477 259	477 259		27 15	27 15	
2009	WECC	CITY OF PLUMMER	U.S.	1,583	1,583			1,382	1,382			(42)	(42)				229	229		13	13	
2009	WECC		U.S.	31,447	31,447	-		27,469	27,469	-	-	(834)	(834)				4,550	4,550		261	261 247	
2009 2009	WECC	City of Redding CITY OF RICHLAND	U.S. U.S.	29,692 39,536	29,692 39,536			25,937 34,535	25,937 34,535		-	(787) (1,048)	(787) (1,048)				4,296 5,720	4,296 5,720		247 328	328	
2009	WECC		U.S.	57,616	57,616	-		50,329	50,329	-	-	(1,527)	(1,527)				8,336	8,336		479	479	
2009 2009	WECC	CITY OF RUPERT City of Shasta Lake	U.S. U.S.	3,728 8,154	3,728 8,154	-		3,256 7,123	3,256 7,123		-	(99) (216)	(99) (216)				539 1,180	539 1,180		31 68	31 68	
2009	WECC	CITY OF TACOMA DBA TACOMA POWI	U.S.	18	18			15	15		-	(0)	(0)				3	3		0	0	
2009 2009	WECC		U.S. U.S.	808 2.494	808 2 494			706 2.178	706 2.178		:	(21)	(21) (66)				117 361	117 361		7 21	7 21	
2009	WECC		U.S.	1,792	1,792	-		1,566	1,566	-		(48)	(48)				259	259		15	15	
2009 2009	WECC	CLARK PUBLIC UTILITIES CLATSKANIE PUD	U.S. U.S.	207,901 44,323	207,901 44,323	-	-	181,606 38,717	181,606 38,717	-	-	(5,511) (1,175)	(5,511) (1,175)				30,079 6,413	30,079 6,413		1,727 368	1,727 368	
2009	WECC		U.S.	2,013	2,013			1,758	1,758		-	(1,175)	(53)				291	291		17	17	
2009	WECC	Clearwater Power Company	U.S.	7,334	7,334	-		6,406	6,406	-	-	(194)	(194)				1,061	1,061		61	61	
2009 2009	WECC		U.S. U.S.	168 32.185	168 32.185	-		146 28.114	146 28.114	-		(4) (853)	(4) (853)				24 4.656	24 4.656		1 267	1 267	
2009	WECC	Colorado Springs Utilities	U.S.	190,822	190,822			166,688	166,688		-	(5,058)	(5,058)				27,608	27,608		1,585	1,585	
2009 2009	WECC		U.S. U.S.	4,846 15,048	4,846 15,048	-	-	4,233 13,145	4,233 13,145	-	-	(128) (399)	(128) (399)				701 2,177	701 2,177		40 125	40 125	
2009	WECC	COLUMBIA POWER COOPERATIVE AS		1,042	1,042			910	910			(28)	(28)				151	151		9	9	
2009 2009	WECC	COLUMBIA REA COLUMBIA RIVER PUD (BPA)	U.S. U.S.	13,792	13,792	-		12,047	12,047	-	-	(366)	(366)				1,995 1,109	1,995 1,109		115 64	115 64	
2009	WECC	Columbia River PUD (PGE)	U.S.	7,666 14,384	7,666 14,384			6,696 12,565	6,696 12,565			(203) (381)	(203) (381)				2,081	2,081		119	119	
2009	WECC	CONSOLIDATED IRRIGATION DISTRIC		93	93		-	81	81	-	-	(2)	(2)				13	13		. 1	1	
2009 2009	WECC	Constellation New Energy, Inc. CONSUMERS POWER, INC.	U.S. U.S.	1,335 19,221	1,335 19,221			1,166 16,790	1,166 16,790			(35) (510)	(35) (510)				193 2,781	193 2,781		11 160	11 160	
2009	WECC		U.S.	15,943	15,943		-	13,927	13,927	-	-	(423)	(423)				2,307	2,307		132	132	
2009 2009	WECC	Deseret Generation & Transmission Co-C Douglas - Palasades	U.S. U.S.	3,090 844	3,090 844			2,699 737	2,699 737			(82)	(82) (22)				447 122	447 122		26	26 7	
2009	WECC		U.S.	4,386	4,386			3,831	3,831			(116)	(116)				635	635		36	36	
2009	WECC		U.S.	1,019	1,019	-		890	890	-	-	(27)	(27)				147	147		8	8	
2009 2009	WECC	El Paso Electric Company Electrical District #2	U.S. U.S.	349,512 8,167	349,512 8,167			305,307 7,134	305,307 7,134			(9,265) (216)	(9,265) (216)				50,567 1,182	50,567 1,182		2,903 68	2,903 68	
2009	WECC	Electrical District No. 6 of Pinal County	U.S.	54	54		-	48	48	-	-	(1)	(1)				8	8		0	0	
2009 2009	WECC		U.S. U.S.	1,278 11,876	1,278 11,876	-		1,117 10.374	1,117 10.374		-	(34) (315)	(34) (315)				185 1.718	185 1.718		11 99	11 99	
2009	WECC	Electrical Districts 1 & 3	U.S.	26,777	26,777			23,391	23,391		-	(710)	(710)				3,874	3,874		222	222	
2009 2009	WECC		U.S. U.S.	12,869 23,226	12,869 23,226			11,241 20,289	11,241 20,289	-	-	(341) (616)	(341) (616)				1,862 3,360	1,862 3,360		107 193	107 193	
2009	WECC		U.S.	2,500	2,500	-		2,184	2,184	-		(66)	(66)				362	362		21	21	
2009 2009	WECC		U.S. U.S.	3,240 113,180	3,240 113,180	•	-	2,830 98,865	2,830 98,865	•		(86)	(86) (3,000)				469 16,375	469 16,375		27 940	27 940	
2009	WECC		U.S.	204	204			178	178			(3,000)	(5,000)				30	30		2	2	
2009	WECC	Farmington Electric Utility System FLATHEAD ELECTRIC COOPERATIVE.	U.S.	51,806	51,806	-		45,254	45,254			(1,373)	(1,373)				7,495	7,495		430	430	
2009 2009	WECC	Fredonia, Town of	U.S.	64,219 62	64,219 62			56,096 55	56,096 55		:	(1,702)	(1,702) (2)				9,291 9	9,291 9		533 1	533 1	
2009	WECC	GLACIER ELECTRIC COOPERATIVE, IN		8,255	8,255		-	7,211	7,211	-	-	(219)	(219)				1,194	1,194		69	69	
2009 2009	WECC	Grand Valley Grant LSE Load	U.S. U.S.	10,578 167,794	10,578 167,794			9,240 146,572	9,240 146,572			(280) (4,448)	(280) (4,448)				1,530 24,276	1,530 24,276		88 1,394	88 1,394	
2009	WECC	Harney Electric Coop	U.S.	3,503	3,503	-		3,060	3,060	-		(93)	(93)				507	507		29	29	
2009 2009	WECC		U.S. U.S.	5,220 3,381	5,220 3,381	-		4,560 2,954	4,560 2,954		:	(138) (90)	(138) (90)				755 489	755 489		43 28	43 28	
2009	WECC	HERMISTON POWER LLC	U.S.	115	115	-		101	101	-		(3)	(3)				17	17		1	1	
2009 2009	WECC	Holy Cross HOOD RIVER ELECTRIC COOPERATIV	U.S. U.S.	44,871 1,862	44,871 1.862	:		39,196 1.627	39,196 1.627	:	:	(1,189) (49)	(1,189)				6,492 269	6,492 269		373 15	373 15	
2009	WECC	IDAHO COUNTY LIGHT AND POWER C	U.S.	2,479	2,479			2,166	2,166		-	(66)	(66)				359	359		21	21	
2009 2009	WECC		U.S. U.S.	1,640 166,075	1,640 166,075			1,433 145,070	1,433 145,070		:	(43) (4,402)	(43) (4,402)				237 24,027	237 24,027		14 1,379	14 1,379	
2009	WECC	Inland Power & Light Co.	U.S.	21,039	21,039	-		18,378	18,378	-		(558)	(558)				3,044	3,044		175	175	
2009 2009	WECC		U.S. U.S.	22,545 690,595	22,545 690,595	-	-	19,694 603,251	19,694 603.251	-	-	(598) (18,306)	(598) (18,306)				3,262 99,914	3,262 99,914		187 5,736	187 5.736	
2009	WECC		U.S.	91,892	91,892			80,270	80,270			(2,436)	(2,436)				13,295	13,295		763	763	
2009	WECC		U.S.	19,869	19,869		-	17,356	17,356	-	-	(527)	(527)				2,875	2,875		165	165	
2009 2009	WECC	Kootenai Electric Cooperative, Inc. LA Dept. of Water & Power	U.S. U.S.	21,266 1,325,019	21,266 1.325.019	-		18,576 1.157.435	18,576 1,157,435	-		(564) (35.123)	(564) (35,123)				3,077 191,702	3,077 191,702		177 11,005	177 11.005	
2009	WECC	LAKEVIEW LIGHT & POWER	U.S.	13,085	13,085		-	11,430	11,430			(347)	(347)				1,893	1,893		109	109	
2009 2009	WECC	LANE ELECTRIC COOPERATIVE, INC. Las Vegas Valley Water District (SB211)		10,675 4.329	10,675 4.329	:		9,325 3.781	9,325 3.781	-	:	(283)	(283) (115)				1,544 626	1,544 626		89 36	89 36	
2009	WECC	Lincoln County Power District	U.S.	3,785	3,785	-	-	3,306	3,306	-		(100)	(100)				548	548		31	31	
2009	WECC	LINCOLN ELECTRIC COOPERATIVE, IN Maricopa County Municipal Water Conser		5,644	5,644		-	4,930	4,930			(150)	(150)				816	816 319		47	47	
2009 2009	WECC		U.S.	2,207 2,658	2,207 2,658	-		1,928 2,322	1,928 2,322	-		(58) (70)	(58) (70)				319 385	319 385 -		18 22	18 22	
2009	WECC		U.S.	19,826	19,826	-	-	17,318	17,318	-	-	(526)	(526)				2,868	2,868		165	165	
2009 2009	WECC	Mesa, City of MIDSTATE ELECTRIC COOPERATIVE,	U.S. U.S.	12,159 18,131	12,159 18,131	-		10,621 15,838	10,621 15,838	-		(322) (481)	(322) (481)				1,759 2,623	1,759 2,623		101 151	101 151	
2009	WECC	MISSION VALLEY POWER	U.S.	19,129	19,129	•	-	16,710	16,710			(507)	(507)				2,768	2,768		159	159	
2009 2009	WECC	MISSOULA ELECTRIC COOPERATIVE, Modern Electric Water Co.	U.S. U.S.	10,363 10,964	10,363 10,964	-	- 1	9,052 9.578	9,052 9,578	-	:	(275) (291)	(275) (291)				1,499 1,586	1,499 1,586		86 91	86 91	
2009	WECC	Modesto Irrigation District	U.S.	118,452	118,452	-		103,470	103,470	-		(3,140)	(3,140)				17,137	17,137		984	984	
2009 2009	WECC	Montana Dakota Utilities (MDU) Mt. Wheeler Power Inc.	U.S. U.S.	1,475 22,754	1,475 22,754	-		1,289 19,877	1,289 19,877			(39) (603)	(39) (603)				213 3,292	213 3,292		12 189	12 189	
2009	WECC	Municipal Energy Agency of Nebraska	U.S.	31,062	31,062		-	27,134	27,134			(823)	(823)				4,494	4,494		258	258	
2009	WECC	Municipal Energy Agency of Nebraska (M	U.S.	15,869	15,869	-	-	13,862	13,862		-	(421)	(421)				2,296	2,296		132	132	

Appendix 2-D, Regional Entity Assessment by LSE

				Total Regional Ent	tity Assessments	(Including WIRA	B Assessments)	Regi	onal Entity NEL	Assessments		Penalty Sanction	ns - US Only	NPCC CORC US Only Staff	NPCC Audit Based 45% CORC Program	WECC Con	npliance Assessments (ex.AESO)	WIRAB Assessments
Data Year	Regional Entity ID	Entity C	Country	Total	US Total	Canada Total	Mexico Total	Total	US Total	Canada Total	Mexico Total	Total	US Total	Total US Total	Canada Total US Total Total	Total	Canada Mexico US Total Total	Canada Mexico Total US Total Total Total
2009	WECC		U.S.	1,862	1,862		-	1,626	1,626			(49)	(49)			269	269	15 15
2009 2009	WECC		U.S. U.S.	9,772 21,440	9,772 21,440			8,536 18,728	8,536 18,728			(259) (568)	(259) (568)			1,414 3.102	1,414 3,102	81 81 178 178
2009	WECC	Nebraska Public Power Marketing	U.S.	160	160			140	140		-	(4)	(4)			23	23	1 1
2009 2009	WECC		U.S. U.S.	1,661 2,395	1,661 2,395			1,451 2,092	1,451 2,092		-	(44)	(44) (63)			240 346	240 346	14 14 20 20
2009	WECC	Nevada Power Company	U.S.	998,993	998,993			872,644	872,644		-	(26,481)	(26,481)			144,533	144,533	8,297 8,297
2009 2009	WECC		U.S. U.S.	60 1.249	60 1.249			53 1.091	53 1.091			(2)	(2)			9 181	9 181	1 1
2009	WECC		U.S.	13,974	13,974			12,207	12,207			(370)	(370)			2,022	2,022	116 116
2009	WECC		U.S.	27,248	27,248	-		23,802	23,802		-	(722)	(722)			3,942	3,942	226 226
2009 2009	WECC		U.S. U.S.	13,772 4,059	13,772 4,059			12,031 3,546	12,031 3,546		- :	(365) (108)	(365) (108)			1,993 587	1,993 587	114 114 34 34
2009	WECC		U.S.	9,786	9,786	-		8,548	8,548		-	(259)	(259)			1,416	1,416	81 81
2009 2009	WECC		U.S. U.S.	30,575 17,529	30,575 17,529			26,708 15,312	26,708 15,312		-	(810) (465)	(810) (465)			4,424 2,536	4,424 2,536	254 254 146 146
2009	WECC		U.S.	701	701			612	612		-	(19)	(19)			101	101	6 6
2009 2009	WECC		U.S. U.S.	145 9,392	145 9,392			127 8,204	127 8,204		-	(4) (249)	(4) (249)			21 1,359	21 1,359	1 1 78 78
2009	WECC	PacifiCorp (PACE)	U.S.	2,048,743	2,048,743	-		1,789,625	1,789,625		-	(54,308)	(54,308)			296,410	296,410	17,016 17,016
2009 2009	WECC		U.S. U.S.	975,890 598	975,890 598			852,463 522	852,463 522			(25,869)	(25,869) (16)			141,191 86	141,191 86	8,105 8,105 5 5
2009	WECC	PARKLAND LIGHT AND WATER COMP.	U.S.	5,633	5,633			4,921	4,921		-	(149)	(149)			815	815	47 47
2009 2009	WECC	PENINSULA LIGHT COMPANY, INC. Platte River Power Authority	U.S. U.S.	28,436 143,444	28,436 143,444			24,840 125,301	24,840 125,301		:	(754) (3,802)	(754) (3,802)			4,114 20,753	4,114 20,753	236 236 1,191 1,191
2009	WECC	PORT TOWNSEND PAPER CORPORAT		8,949	8,949			7,817	7,817		-	(237)	(237)			1,295	1,295	74 74
2009 2009	WECC		U.S. U.S.	824,527 1,316,371	824,527 1,316,371			720,244 1,149,881	720,244 1,149,881		-	(21,856) (34,894)	(21,856)			119,292	119,292 190,451	6,848 6,848 10,933 10,933
2009	WECC	Public Service Company of Colorado Public Service Company of Colorado (Xce		1,478	1,478			1,149,661	1,291			(34,894)	(34,894) (39)			190,451 214	214	10,933 10,933 12 12
2009	WECC		U.S. U.S.	463,136 402	463,136 402	-	-	404,560	404,560 351		-	(12,277)	(12,277)			67,006	67,006 58	3,847 3,847 3 3
2009 2009	WECC		U.S.	238	238			351 208	208		- :	(11) (6)	(11) (6)			58 34	34	3 3 2 2
2009	WECC		U.S.	80,788	80,788	-		70,570	70,570		-	(2,141)	(2,141)			11,688	11,688	671 671
2009 2009	WECC		U.S. U.S.	147,708 31,134	147,708 31,134			129,026 27,196	129,026 27,196			(3,915) (825)	(3,915) (825)			21,370 4,504	21,370 4,504	1,227 1,227 259 259
2009	WECC	PUD NO. 1 OF COWLITZ COUNTY	U.S.	222,775	222,775		-	194,600	194,600		-	(5,905)	(5,905)			32,231	32,231	1,850 1,850
2009 2009	WECC		U.S. U.S.	67,364 4,504	67,364 4,504			58,844 3,934	58,844 3,934		-	(1,786) (119)	(1,786) (119)			9,746 652	9,746 652	559 559 37 37
2009	WECC		U.S.	45,414	45,414			39,670	39,670		-	(1,204)	(1,204)			6,570	6,570	377 377
2009 2009	WECC		U.S. U.S.	50,121 2.490	50,121 2.490			43,782 2,175	43,782 2.175			(1,329)	(1,329)			7,251 360	7,251 360	416 416 21 21
2009	WECC	PUD NO. 1 OF KLICKITAT COUNTY	U.S.	13,629	13,629			11,906	11,906		-	(361)	(361)			1,972	1,972	113 113
2009 2009	WECC		U.S. U.S.	43,866 3,633	43,866 3,633			38,318 3,173	38,318 3,173			(1,163)	(1,163) (96)			6,346 526	6,346 526	364 364 30 30
2009	WECC		U.S.	43,946	43,946			38,388	38,388			(1,165)	(1,165)			6,358	6,358	365 365
2009 2009	WECC		U.S. U.S.	6,294 323.885	6,294 323.885			5,498 282.921	5,498 282.921		-	(167) (8.585)	(167) (8.585)			911 46.859	911 46.859	52 52 2.690 2.690
2009	WECC		U.S.	2,023	2,023			1,767	1,767			(54)	(54)			293	293	17 17
2009 2009	WECC	PUD NO. 1 OF WHATCOM COUNTY PUD NO. 2 OF GRANT COUNTY (Avista	U.S.	10,154 4,102	10,154 4,102			8,869 3,583	8,869 3,583		-	(269) (109)	(269) (109)			1,469 593	1,469 593	84 84 34 34
2009	WECC		U.S.	2,223	2,223			1,942	1,942			(59)	(59)			322	322	18 18
2009	WECC		U.S.	14,190	14,190	-		12,396	12,396		-	(376)	(376)			2,053	2,053 4 594	118 118 264 264
2009 2009	WECC		U.S. U.S.	31,756 1,154,735	31,756 1,154,735			27,740 1,008,688	27,740 1,008,688		- :	(842) (30,609)	(842) (30,609)			4,594 167,066	4,594 167,066	264 264 9,591 9,591
2009	WECC		U.S.	10,046	10,046	-		8,776	8,776		-	(266)	(266) (189)			1,453	1,453	83 83 59 59
2009 2009	WECC	RAVALLI COUNTY ELECTRIC COOPER RBS Sempra Energy Solutions	U.S.	7,147 85,465	7,147 85,465			6,243 74,656	6,243 74,656		- :	(189) (2,265)	(2,265)			1,034 12,365	1,034 12,365	59 59 710 710
2009	WECC	RIVERSIDE ELECTRIC COMPANY, LTD		910	910	-		795	795		-	(24)	(24)			132	132	8 8 15 15
2009 2009	WECC		U.S. U.S.	1,805 1,354	1,805 1,354			1,577 1,182	1,577 1,182			(48)	(48)			261 196	261 196	15 15 11 11
2009	WECC		U.S.	15,251	15,251		-	13,322	13,322		-	(404)	(404)			2,207	2,207	127 127
2009 2009	WECC		U.S. U.S.	1,271,592 6	1,271,592 6			1,110,765 6	1,110,765 6		-	(33,707)	(33,707)			183,972 1	183,972 1	10,561 10,561 0 0
2009	WECC		U.S.	461,148	461,148		-	402,824	402,824		-	(12,224)	(12,224)			66,718	66,718	3,830 3,830
2009 2009	WECC		U.S. U.S.	395,259 727	395,259 727			345,268 635	345,268 635		-	(10,477)	(10,477) (19)			57,186 105	57,186 105	3,283 3,283 6 6
2009	WECC		U.S.	519,201	519,201	-	-	453,534	453,534		-	(13,763)	(13,763)			75,117	75,117	4,312 4,312
2009 2009	WECC		U.S. U.S.	2,486 31,464	2,486 31,464			2,172 27,485	2,172 27,485			(66) (834)	(66) (834)			360 4,552	360 4,552	21 21 261 261
2009	WECC	Southern Nevada Water Authority	U.S.	37,264	37,264	-	-	32,551	32,551		-	(988)	(988)			5,391	5,391	309 309
2009 2009	WECC	Southwest Transmission Cooperative, Inc SPRINGFIELD UTILITY BOARD	U.S. U.S.	123,040 38.692	123,040 38.692			107,478 33,798	107,478 33,798		-	(3,262)	(3,262)			17,801 5,598	17,801 5.598	1,022 1,022 321 321
2009	WECC		U.S.	1,570	1,570	-		1,372	1,372		-	(42)	(42)			227	227	13 13
2009 2009	WECC		U.S. U.S.	227,282 17,486	227,282 17,486			198,536 15,275	198,536 15,275		-	(6,025) (464)	(6,025) (464)			32,883 2,530	32,883 2,530	1,888 1,888 145 145
2009	WECC	TILLAMOOK PUD	U.S.	16,014	16,014			13,988	13,988		-	(424)	(424)			2,317	2,317	133 133
2009 2009	WECC		U.S. U.S.	3,039 1,024	3,039 1,024			2,655 895	2,655 895			(81) (27)	(81) (27)			440 148	440 148	25 25 9 9
2009	WECC		U.S.	402,432	402,432			351,534	351,534		-	(10,668)	(10,668)			58,223	58,223	3,342 3,342
2009 2009	WECC		U.S. U.S.	552 865	552 865			482 756	482 756			(15) (23)	(15) (23)			80 125	80 125	5 5 7 7
2009	WECC	TOWN OF EATONVILLE	U.S.	1,324	1,324			1,157	1,157			(35)	(35)			192	192	11 11
2009 2009	WECC		U.S. U.S.	1,924 1,320	1,924 1.320			1,680 1,153	1,680 1,153	-		(51) (35)	(51) (35)			278 191	278 191	16 16 11 11
2009	WECC	Tri State G & T Assoc., Inc	U.S.	88,573	88,573			77,371	77,371			(2,348)	(2,348)			12,815	12,815	736 736
2009 2009	WECC	Tri-State Generation & Transmission Asso Tri-State Generation and Transmission As	U.S.	386 301,232	386 301,232			337 263,133	337 263,133	:		(10) (7,985)	(10) (7,985)			56 43,582	56 43.582	3 3 2,502 2,502
2009	WECC	Tristate Generation and Transmission Ass	U.S.	109,886	109,886			95,988	95,988			(2,913)	(2,913)			15,898	15,898	913 913
2009	WECC		U.S.	6,812	6,812	-	-	5,950	5,950			(181)	(181)			986	986	57 57
2009 2009	WECC		U.S. U.S.	615,196 93,568	615,196 93,568			537,388 81,733	537,388 81,733			(16,307) (2,480)	(16,307) (2,480)			89,006 13,537	89,006 13,537	5,110 5,110 777 777
2009 2009	WECC	U.S. Army Yuma Proving Ground U.S. BOIA WAPATO IRRIGATION PROJ	U.S.	891 779	891 779		-	778 681	778 681			(24)	(24)			129 113	129 113	7 7 6 6
2009	WECC	U.S. BOR EAST GREENACRES (RATHE		243	243			212	212			(21) (6)	(6)			35	35	6 6 2 2

Appendix 2-D, Regional Entity Assessment by LSE

			Total Regional Fr	ntity Assessments	s (Including WIRA	B Assessments)	Rea	ional Entity NEL	Assessments		Penalty Sancti	ons - US Only	NPCC CORC US	S Only Staff	NPCC Audit	Based 45% C	ORC Program	WECC Co	mpliance Asse	ssments (ex	AFSO)		VIRAB Asses	sments	
	egional Entity ID	Entity Country	Total	US Total			Total		Canada Total	Mexico Total	Total	US Total	Total	US Total	Tota		Canada			Canada	Mexico Total		US Total	Canada Total	Mexico Total
2009 W	VECC	U.S. BOR SPOKANE INDIAN DEVELOP U.S.	156	156			137	137			(4)	(4)						23	23						
	VECC	U.S. DOE NATIONAL ENERGY TECHNIC U.S.	176	176			153	153			(5)	(5)						25	25						
	VECC	U.S. DOE RICHLAND OPERATIONS OF U.S.	8.569	8.569			7.485	7.485			(227)	(227)						1,240	1.240			71	71		
	VECC	U.S.A.F. BASE. FAIRCHILD U.S.	2,529	2.529			2.209	2.209			(67)	(67)						366	366			21	21		
	VECC	U.S.N SUBMARINE BASE, BANGOR U.S.	8,112	8,112			7,086	7,086			(215)	(215)						1,174	1,174			67	67		
	VECC	U.S.N. NAVAL STATION, BREMERTON U.S.	11,309	11,309	-		9,879	9,879			(300)	(300)						1,636	1,636			94	94		
2009 W	VECC	U.S.N. NAVAL STATION, EVERETT U.S.	640	640			559	559			(17)	(17)						93	93			5	5		
2009 W	VECC	UMATILLA ELECTRIC COOPERATIVE # U.S.	43,429	43,429			37,936	37,936			(1,151)	(1,151)						6,283	6,283			361	361		
2009 W	VECC	Unit B Irrigation District U.S.	1	1			1	1			(0)	(0)						0	0			0	0		
	VECC	United Electric Cooperative, Inc. U.S.	10,223	10,223	-	-	8,930	8,930	-		(271)	(271)						1,479	1,479			85	85		
	VECC	Valley Electric Association U.S.	20,912	20,912	-	-	18,267	18,267	-		(554)	(554)						3,025	3,025			174	174		
	VECC	Vera Water and Power U.S.	10,796	10,796	-		9,431	9,431	-		(286)	(286)						1,562	1,562			90	90		
	VECC	Vigilante Electric Cooperative, Inc. U.S.	7,453	7,453	-		6,511	6,511			(198)	(198)						1,078	1,078			62	62		
	VECC	WASCO Electric Cooperative U.S.	4,372	4,372			3,819	3,819	-		(116)	(116)						633	633			36	36		
	VECC	WAUW U.S.	10,319	10,319			9,014	9,014	-		(274)	(274)						1,493	1,493			86	86		
	VECC VECC	Wells REA U.S. Wells Rural Electric Coop U.S.	9,352 29.645	9,352 29.645	-	-	8,169 25.895	8,169 25.895	-		(248) (786)	(248)						1,353	1,353 4.289			78 246	78 246		
	VECC				-							(786)						4,289 48	4,289			246	246		
	VECC	Wellton-Mohawk Irrigation & Drainage Dis U.S. West Oregon Electric Cooperative, Inc U.S.	335 3.219	335 3.219	-		292 2.812	292 2.812			(9) (85)	(9) (85)						466	466			27	27		
	VECC	Western (WAPA-Sierra Nevada Region) r U.S.	64.156	64.156			56,041	56.041			(1,701)	(1,701)						9,282	9.282			533	533		
	VECC	Western Area Power U.S.	8,853	8,853	-		7,734	7,734			(235)	(235)						1,281	1,281			74	74		
	VECC	Western Area Power Administration - CR: U.S.	50.844	50.844			44.414	44,414			(1.348)	(1,348)						7.356	7.356			422	422		
	VECC	Western Area Power Administration - Des U.S.	103,550	103,550			90,453	90,453			(2,745)	(2,745)						14,981	14,981			860	860		
	VECC	Western Area Power Administration - LAF U.S.	70,600	70,600	-		61,670	61,670			(1,871)	(1,871)						10,214	10,214			586	586		
2009 W	VECC	Western Area Power Adminstration U.S.	22,390	22,390			19,558	19,558			(594)	(594)						3,239	3,239			186	186		
2009 W	VECC	Wyoming Municipal Power Agency U.S.	9,008	9,008			7,868	7,868	-		(239)	(239)						1,303	1,303			75	75		
2009 W	VECC	Yampa Valley U.S.	27,402	27,402	-		23,937	23,937	-		(726)	(726)						3,965	3,965			228	228		
2009 W	VECC	Yuma Irrigation District U.S.	138	138	-	-	121	121	-		(4)	(4)						20	20			1	1		
2009 W	VECC	Yuma-Mesa Irrigation District U.S.	8	8		-	7	7			(0)	(0)						1_	1			0	0		
		TOTAL WECC	38,234,892	32,656,488	5,078,278	500,126	33,588,533	28,526,206	4,636,737	425,590	(865,650)	(865,650)						5,192,646	4,724,702	397,455	70,489	319,363	271,230	44,087	4,047
тот	TAL ERO		105,913,224	93,671,567	11,741,531	500,126	100,237,007	88,615,629	11,195,788	425,590	(3,366,550)	(3,366,550)	382,216	382,216	3,148,542	3,044,34	0 104,202	5,192,646	4,724,702	397,455	70,489	319,363	271,230	44,087	4,047
	Regional Enti	ity	4 007 007	4.007.05			5.047.055	5.047.05			(50.005)	(50.005)													
2009 FR0			4,967,060	4,967,060	1.408.166	-	5,017,060	5,017,060	1.408.166		(50,000)	(50,000)			-		-	-				-		-	
2009 MR 2009 NP			8,260,502 12,652,610	6,852,336 7,397,523	1,408,166 5,255,087	-	8,397,502 9,430,352	6,989,336 4,279,467		-	(137,000)	(137,000) (308,500)	382.216	382.216	3.148.542	3.044.34	0 104.202			-		-	-	-	
2009 NPC			12,852,610	12,803,844	5,255,087		13,682,744	13,682,744	5,150,885		(308,500) (878,900)	(878,900)	302,216	302,216	3,148,542	3,044,34	0 104,202	- 1				- 1			
2009 KFC			10.671.508	10.671.508	-		11.590.508	11.590.508			(919,000)	(919,000)													
2009 SPF			9,094,985	9,094,985	-		9,282,485	9,282,485			(187,500)	(187,500)			-		-								
2009 TRE			9,227,823	9,227,823			9.247.823	9,247,823			(20,000)	(20,000)										-			
2009 WE			38,234,892	32,656,488	5,078,278	500,126	33,588,533	28,526,206	4,636,737	425,590	(865,650)	(865,650)					-	5,192,646	4,724,702	397,455	70,489	319,363	271,230	44,087	4,047
Total			105,913,224	93,671,567	11,741,531	500,126	100,237,007	88,615,629	11,195,788	425,590	(3,366,550)	(3,366,550)	382,216	382,216	3,148,542	3,044,34	0 104,202	5,192,646	4,724,702	397,455	70,489	319,363	271,230	44,087	4,047

# **Bulk Power System Critical Infrastructure Strategic Roadmap**

### **Action Required**

None

### **Background**

At its May 12, 2010 meeting, the NERC Board of Trustees approved a new charter for the Electricity Sub-Sector Coordinating Council (ESCC), and dissolved the Electricity Sector Steering Group (ESSG). Current ESSG members became the members of the newly reconstituted ESCC.

On June 22, 2010, the ESCC held its first in-person meeting at NERC's Washington DC offices. The meeting was conducted in two parts. The first part of the meeting was in held in closed session and the ESCC engaged in a comprehensive discussion regarding the critical infrastructure risks facing the electricity sub-sector, how they are being addressed, and what may need to be done differently by the sub-sector to improve this important aspect of reliability. The ESCC also discussed how to improve the various interfaces with government related to these matters. The second part of the meeting was conducted in open session and ESCC Chairman Cauley provided a summary of the day's discussions and next steps.

A key decision of the ESCC was to develop a Critical Infrastructure Strategic Roadmap (**Attachment 1**) to identify the sub-sector's priorities, and provide a framework to address severe-impact risks, including those identified in the High Impact, Low Frequency (HILF) report. Taking a broad sub-sector-wide perspective, the Roadmap will provide the NERC Board of Trustees with advice on what should be done to enhance electricity reliability and resilience from an all-threats, all-hazards perspective. The Roadmap will build on the draft Bulk Power System Critical Infrastructure Policy Statement discussed at recent Member Representatives Committee and Board of Trustee meetings, and provide guidance for the sub-sector and NERC's technical committees.

After considering public comments, the ESCC proposes to seek Board of Trustees endorsement of the Strategic Roadmap.

Attachment 1
Agenda Item 10
Board of Trustees Meeting
August 5, 2010



# Critical Infrastructure Strategic Roadmap

Electricity Sub-Sector Coordinating Council (ESCC)

the reliability of the bull of

116-390 Village Blvd., Princeton, NJ 08540 609.452.8060 | 609.452.9550 fax www.nerc.com

# Introduction

North America's electric power grids are not immune to severe disruptions that could threaten the health, safety, security, or economic well-being of its citizens. The North American Electric Reliability Corporation (NERC) and the electricity industry are committed to protect the electricity infrastructure and enhance its resilience in an effort to manage risks, whether natural or man-made.

This strategic roadmap, prepared by NERC's Electricity Sub-Sector Coordinating Council (ESCC), provides the framework to identify those risks that have the potential to seriously disrupt the supply of electricity to customers, and promotes the actions necessary to enhance reliability and resilience. Particular attention is paid to severe-impact risks with the potential to impact large portions of the grid, or disrupt service for an extended period of time. Some of these risks have a low probability of occurring, or have not ever occurred. The most challenging are some of those related to physical and cyber security that are relatively new to the sub-sector, are not completely understood even by experts in the field, and continue to evolve.

Fortunately, managing complex risks is not new to the electricity industry. This roadmap builds on century-long experience and takes an integrated approach that builds on the electricity industry's capabilities to plan and operate North America's electricity system — one of the most reliable in the world.

<sup>&</sup>lt;sup>1</sup> Electricity Sub-Sector Coordinating Council Charter: http://www.nerc.com/docs/escc/ESCC Charter BOT approved 20100512.pdf

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# **Executive Summary**

The role of NERC's Electricity Sub-Sector Coordinating Council<sup>2</sup> is to "foster and facilitate the coordination of sector-wide policy-related activities and initiatives to improve the reliability and resilience of the electricity sector, including physical and cyber security infrastructure."

To help carry out that role, the ESCC has developed this Critical Infrastructure Strategic Roadmap to recommend to NERC's Board of Trustees that NERC's technical committees place renewed emphasis on certain severe-impact risks to electricity system reliability.

In particular, the ESCC has identified three risks that merit increased attention by NERC and the electricity sub-sector. Each of these has the potential to severely impact large portions of the bulk power system, or disrupt electricity service for an extended period of time.

- Coordinated physical attack on significant electricity system equipment
- Organized cyber attack on control systems needed to manage reliability
- Severe geomagnetic disturbance

The ESCC acknowledges that significant effort will be required to properly understand these risks and develop realistic and effective solutions, and has therefore prioritized initiatives that would deliver the greatest benefit to reliability as soon as possible. The ESCC encourages NERC's technical committees to join forces to develop work plans to assess the risks in more detail, consider alternative approaches, and recommend solutions for industry implementation.

The ESCC is committed to enhance our collaboration with government on these matters, and will monitor progress of the technical committees and provide additional guidance as necessary.

<sup>&</sup>lt;sup>2</sup> ESCC Charter

# Vision and Goals

The electricity sub-sector does not stand alone in facing severe-impact risks. The U.S. and Canadian governments have established programs to work collaboratively with all critical infrastructures to address risks that could have widespread regional, national, or international consequences.

In the spirit of these national initiatives, this roadmap reflects the perspective of the electricity sub-sector as envisioned by the charter of the Electricity Sub-Sector Coordinating Council. It is intended to reflect the interests of all stakeholders, beyond that of NERC in its role as the electricity reliability organization. While this roadmap does not direct standards development, it is anticipated that standards will be developed, where necessary and appropriate, as a result of initiatives undertaken to address severe-impact risks.

In 2007, the NERC Board of Trustees endorsed the Energy Sector-Specific Plan<sup>3</sup> that provides the framework for collaboration between government and the energy sector to mitigate risk by reducing vulnerabilities, deterring threats, minimizing adverse consequences, and enhancing recovery. This roadmap aligns with that plan's vision and goals and demonstrates the electricity sub-sector's commitment to support this public-private partnership.

#### Vision Statement

The Electricity Sub-Sector envisions a robust, resilient electricity infrastructure in which continuity of business and services are maintained through secure and reliable information sharing, effective risk management programs, coordinated response capabilities, and trusted relationships between sub-sector entities and government.

#### Goals

#### **Information Sharing and Communication**

Goal 1: Establish robust situational awareness within the electricity sub-sector and with government through timely, reliable, and secure information exchange.

### **Physical and Cyber Security**

Goal 2: Use sound risk management principles to implement physical and cyber measures that enhance preparedness, security, and resiliency.

#### **Coordination and Planning**

- Goal 3: Conduct comprehensive emergency, disaster, and business continuity planning, including training and exercises, to enhance reliability and emergency response.
- Goal 4: Clearly define critical infrastructure protection roles and responsibilities.

 $<sup>^3 \</sup> Energy \ Sector \ Specific \ Plan \ 2007 \ \underline{http://www.dhs.gov/xlibrary/assets/nipp-ssp-energy-redacted.pdf}$ 

Goal 5:Understand key interdependencies and collaborate with other critical infrastructure sectors to address them, and incorporate that knowledge in planning and operations.

# **Public and Regulatory Confidence**

Goal 6: Strengthen public and regulatory confidence in the sub-sector's ability to manage risk and implement effective security, reliability, and recovery efforts.

# The Risk Landscape

The challenges to adequately protect the electricity system are many. The electricity infrastructure is spread geographically across the continent, in densely populated urban areas as well as lightly populated rural areas. Generating stations, substations, and the transmission and distribution lines that connect them are a familiar and accessible part of our surroundings. While it is not possible to protect everything with absolute assurance, this roadmap guides the electricity industry toward solutions that manage these risks in a responsible, realistic, and effective manner.

NERC supports an all-hazards, all-threats approach to risk management consistent with industry practices <sup>4</sup> commonly used across the sub-sector. These threats and hazards can be grouped into three categories; natural, human-caused, and technological. The electricity sub-sector consistently demonstrates the ability to successfully manage many of these risks through effective business continuity planning and reliable operations, even during emergency situations.

However, certain severe-impact risks are more challenging to fully understand and address for a number of reasons, including.

- Little information is available regarding the specific nature of the risk, making it difficult to decide which preventive or mitigating actions are necessary or appropriate.
- The likelihood of occurrence is not known, extremely low, or may never have occurred.
- The costs and resources required to comprehensively address the risk may be enormous.
- The events being prepared for may never occur.
- Risks related to national security are considered to be the responsibility of government.

As a result, there is limited consensus across the sub-sector regarding the extent to which these more severe-impact risks need to be addressed, let alone how they should be addressed. The following table provides the ESCC's assessment of the risks facing the electricity sub-sector, and highlights those requiring urgent additional attention.

**Table 1: Risk Landscape** 

Risk Area	Plans Typically In-Place	Requires Additional Attention
Naturally Occurring Hazards		
Geological (e.g. earthquake)	Yes	
Meteorological		

<sup>&</sup>lt;sup>4</sup> Ref. National Fire Protection Association 1600 and Canadian Standards Association Z1600-8, Emergency Management and Business Continuity Programs

Risk Area	Plans Typically In-Place	Requires Additional Attention
o Severe storm	Yes	
o Extreme water flows (drought, flood)	Yes	
o Extreme temperature	Yes	
Geomagnetic disturbance (GMD), solar magnetic disturbance (SMD)	Yes	Yes
Biological disease (e.g. pandemic)	Yes	
<b>Human-Caused (Unintentional) Hazards</b>		
Hazardous material spill or release	Yes	
Explosion, fire	Yes	
Interdependency (e.g. fuel shortage, telecommunications service disruption)	Yes	
Human operational error	Yes	
Human-caused (Intentional) Hazards:		
Criminal activity, sabotage	Yes	
Civil disturbance, riot	Yes	
Strike or labor dispute	Yes	
Terrorism	Varies	Yes
Physical attack	Varies	Yes
Electro-magnetic pulse (EMP)	No	Limited
Cyber security breach	Yes	Yes
Technology-Caused Hazards	•	
Equipment failure	Yes	
Information/control systems failure	Yes	
Telecommunications system failure	Yes	

# The Electricity Sub-Sector's Risk Priorities

The ESCC recommends to the NERC Board of Trustees that the electricity sub-sector place renewed emphasis on managing the severe-impact risks highlighted in Table 1: Risk Landscape. Some of these risks were examined in the High Impact Low Frequency Risk Workshop<sup>5</sup>

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<sup>&</sup>lt;sup>5</sup> Ref. HILF Report <a href="http://www.nerc.com/page.php?cid=6|69|327">http://www.nerc.com/page.php?cid=6|69|327</a>

sponsored by NERC and the U.S. Department of Energy in November 2009. While each of these risks appears to be unique, they can be grouped into a few discrete scenarios that will facilitate developing solutions that can be more readily applied under a variety of circumstances. Solutions that serve to enhance reliability under normal circumstances would be highly desirable. Solutions that have limited application under very narrow circumstances would be less desirable. The ESCC recognizes that the electricity sub-sector is highly diverse, and not all solutions will be applicable to all entities. As with all risk management decisions, entities will need to balance expected outcomes against costs, recognizing that all costs are ultimately borne by the customer.

### Scenario 1: Physical Attack on Significant Electricity System Equipment

A coordinated physical attack on key nodes of the electricity system critically disables difficult to replace equipment in generating stations or substations and could have a significant affect on the remainder of the system. Full restoration and normal operation of the system after the attack is prolonged.

### Scenario 2: Organized Cyber Attack

An organized disruption disables control systems, or intruders take operational control of portions of the bulk power system such that generation or transmission equipment is damaged or mis-operated. The "Aurora" vulnerability, identified by NERC in 2007, is an example of the potential for this scenario.

#### **Scenario 3: Geomagnetic Disturbance**

A severe geomagnetic disturbance (GMD) damages difficult to replace generating station and substation equipment, and could have a significant affect on the remainder of the system. Full restoration and a return to normal operation of the bulk power system are prolonged. While not explicitly part of this scenario, an electro-magnetic pulse (EMP) attack has similar impacts on equipment that GMD solutions may help mitigate.

## **Multi-Element Approach**

The ESCC recommends that the full spectrum of risk management elements be considered to address these severe-impact risks; planning, prevention, mitigation, and recovery.

#### **Planning Elements**

Clarify Roles and Authorities	Establish clear responsibilities and authorities for planning and responding to an emergency or crisis, across the sub-sector, with other sectors, and with government.
Assess Risks	Establish robust situational awareness across the electricity sub-sector through timely, reliable, and secure information exchange. Assess available intelligence from government regarding threats and provide actionable information to sub-sector entities to improve protection and preparedness.
Conduct Technical Studies	Use sound risk management principles to conduct technical studies, evaluate risks and potential impacts, and identify possible

improvements.

**Prioritize Assets** Prioritize assets most important to reliability and take actions to protect

> them. Priorities should be developed in consultation with other stakeholders to consider the potential impacts on customers, other critical infrastructures, and government and national security

infrastructure.

Identify

Understand key interdependencies with other critical infrastructures and Interdependencies collaborate with other sectors to address them, and incorporate that

knowledge in planning and operations.

**Evaluate and Test** Develop testing programs to probe vulnerabilities and identify

opportunities to improve protection measures and evaluate preparedness.

Develop and Promote

Guidelines

Develop and promote guidelines to inform sub-sector entities and

prompt protection and recovery solutions.

Communicate Strengthen public confidence in the electricity sub-sector's ability to

manage risk by communicating how the sub-sector is prepared.

Funding Needs Consider options for funding and cost recovery for critical infrastructure

protection, particularly when objectives exceed assuring the reliability

of the electricity system itself.

#### **Prevention Elements**

**Detect and Prevent** Develop appropriate monitoring controls and protections to deter or

prevent severe-impact risks. Employ defense-in-depth strategies. Work with infrastructure vendors and suppliers to enhance protections and

recoverability.

## **Mitigation Elements**

Improve Resilience Strengthen the inherent redundancy, flexibility, and capacity of the bulk

power system to reduce the likelihood of unmitigated impacts on the system. Limit the adverse impact and preserve the reliability of the remainder of the system. Enhance, to the extent practical, the survivability of national security and critical infrastructures.

## **Recovery Elements**

Readiness Develop and implement plans to maintain a state of readiness to respond

to and manage events or crises that might adversely affect reliability.

Respond Enhance entity and coordinated bulk power system-wide response.

Response must include the capability to communicate quickly and

effectively with affected stakeholders.

# Restore the System

Ensure plans are in place, exercised, and ready to be implemented to restore the system to reliable operation in the wake of a severe event. Ensure human and material resources are available, with particular attention on equipment that may not be readily available. In accordance with pre-established plans, restoration should recognize priorities with respect to customers, other critical infrastructures, and government and national security infrastructure

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# Multi-Year Roadmap

The ESCC recommends to the NERC Board of Trustees that NERC and its technical committees develop work plans to address these risk scenarios by more fully assessing the nature of the risks, considering alternative approaches, and recommending solutions for industry implementation. Given the breadth and complexity of these scenarios, the ESCC recommends that the technical committees join forces to make optimal use of their capabilities. The ESCC anticipates that significant resources will need to be brought to bear on some of these initiatives, and encourages the committees to prioritize this work accordingly, including assessing the relative urgency of other work currently underway.

Recognizing that it is not reasonable or effective for the sub-sector to attempt to take on all this work at the same time, the ESCC proposes a staged approach. Initiatives that will more directly enhance reliability and resilience are considered "high priority" and need to be addressed immediately. Others that yield benefits in the longer term are considered "important". Progress will be monitored and reviewed periodically by the ESCC to provide further recommendations to the NERC Board of Trustees and guidance to the sub-sector.

Table 2: "Urgent" and "Important" Characteristics

Relative Importance	Characteristics
High Priority	Risk has low likelihood, yet high consequence
	Requires immediate action to reduce the risk
	Action achievable within available resources
	Action is largely within the control of sub-sector entities
	Action enhances reliability during normal operations
Important	Risk has unknown likelihood, yet high consequence
	Requires immediate action to identify options and resources required to reduce the risk
	Action may not be achievable within existing resources
	Requires substantial coordination with other critical infrastructure sectors or government
	Action has limited opportunity to enhance reliability during normal operations

The following table describes the relative priority associated with each of the three severe-impact scenarios identified earlier.

**Table 3: Strategic Priorities** 

	Goal	Scenario 1:  Coordinated Physical Attack	Scenario 2: Organized Cyber Attack	Scenario 3:  Geomagnetic Disturbance	Enhances reliability under less severe scenarios?
1.	Establish robust situational assessment coordination and information exchange	High Priority	High Priority	High Priority	Yes
2.	Implement protective measures	Important	High Priority	Important	Limited
3.	Enhance contingency planning, training, and exercises	High Priority	High Priority	Important	Yes
4.	Clarify critical infrastructure protection roles with government	High Priority	High Priority	High Priority	Limited
5.	Address key interdependencies with other sectors	Important	Important	Important	Yes
6.	Strengthen public confidence	High Priority	High Priority	Important	Yes

# **Monitor Progress**

The ESCC considers the need to quickly demonstrate progress to address severe-impact risks to be a top priority for NERC and its stakeholders. Through its monthly conference calls and inperson meetings, the ESCC will monitor progress and provide additional guidance as necessary.

# Mandatory Data Collection of Interconnection Reliability Operating Limit/ System Operating Limit (IROL/SOL) Exceedance

#### **Action Required**

Approve mandatory data collection of Interconnection Reliability Operating Limit/System Operating Limit (IROL/SOL) Exceedance under NERC's Rules of Procedure: Section 1600 -Requests for Data and Information.

# Background

At their September 16, 2009 meetings, the Planning and Operating Committees (PC/OC) approved nine metrics. One of these metrics entitled "ALR3-5, Operating Limit (OL) Excursion," required additional data. This metric is intended to provide a trend on the frequency and duration of the system operating limit excursions.

An initial voluntary data collection pilot was tested for the months April to December 2009. The results from this voluntary pilot drove increased specificity of operating limits, changing the collection items to IROL/SOL accommodating regional differences.

Following NERC's Rules of Procedure for Section 1600 - Requests for Data and Information.<sup>2</sup> on March 5, 2010, the Reliability Metrics Working Group (RMWG) posted a data request for industry comment, entitled "ALR3-5 IROL/SOL Excursion" with a due date of April 19, 2010. The RMWG responded on June 1, 2010<sup>3</sup> to the eight sets of remarks generated from this posting for public comment. Several remarks suggested changing the term "Excursion" to the term "Exceedance," which was accepted by the RMWG. The changed metric description, entitled "ALR3-5 IROL/SOL Exceedance" was approved by the PC/OC in June 2010.

The PC/OC requests the Board of Trustees approve this data request as part of NERC's Rules of Procedure: Section 1600 Requests for Data and Information. When approved by the Board, the data request will become mandatory for all Reliability Coordinators (RCs) starting in January 2011, with the first data submittal due to NERC on April 30, 2011.

<sup>&</sup>lt;sup>1</sup> The detail on ALR3-5 Operating Limit (OL) Excursion is found in 2009 "Bulk Power System Reliability Performance" Metric Recommendations Report," <a href="http://www.nerc.com/docs/pc/rmwg/RMWG">http://www.nerc.com/docs/pc/rmwg/RMWG</a> Metric Report-09-08-09.pdf

<sup>&</sup>lt;sup>2</sup> http://www.nerc.com/files/NERC Rules of Procedure EFFECTIVE 20100610.pdf

<sup>&</sup>lt;sup>3</sup> ALR3-5 Response and Comments <a href="http://www.nerc.com/docs/pc/rmwg/ALR3-">http://www.nerc.com/docs/pc/rmwg/ALR3-</a>

<sup>5</sup> Data Request Comments and Responses6.1.pdf



Attachment 1
Agenda Item 11
Board of Trustees Meeting
August 5, 2010

# Adequate Level of Reliability Metric 3-5:

Interconnection Reliability Operating Limits and System Operating Limits

Final Report and Data Request

the reliability of the bulk power system

August 2010

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With Planning and Operating Committees (PC/OC) support, the Reliability Metrics Working Group (RMWG) received approval to collect data and calculate nine metrics in 2009. Data for seven of these metrics is available through information routinely reported to NERC as part of complying with existing standards and mandatory data requests. However, to obtain the data needed to cal culate the Adequate Level of R eliability (ALR) me tric, e ntitled ALR3-5 Interconnection Reliability Operating Limits and System Operating Limits (IROL<sup>2</sup>/SOL), a mandatory data request is required, which is the subject of this document.

In adherence to NERC's Rules of Procedure: Section 1600 Requests for Data and Information,<sup>3</sup> the Reliability Metrics Working Group (RMWG) completed the following activities:<sup>4</sup>

- 1. Issued a d ata request for industry c omment on M arch 5, 2010, entitled "ALR3-5 IROL/SOL Excursion" with a due date of April 19, 2010.
- 2. Responded to eight sets of comments on June 1, 2010. 6 Several respondents suggested changing the metric title from "Excursion" to "Exceedance." This proposal was adopted and the enhanced metric was approved by the PC/OC at the June 2010 meetings.
- 3. Developed a detailed description of the revised metric, ALR3-5 IROL/SOL Exceedance.<sup>7</sup>
- 4. Created a template for this data request is available on NERC's website.<sup>8</sup>

The requirements for reporting ALR3-5 IROL/SOL Exceedances includes the following elements:

- Reporting Reliability Coordinator
- Reporting Quarter
- Reporting Year
- The total number of exceeded IROLs and SOLs for each of the following time periods:
  - Greater than 10 seconds and less than or equal to 10 minutes
  - Greater than 10 minutes and less than or equal to 20 minutes
  - Greater than 20 minutes and less than or equal to 30 minutes
  - Greater than 30 minutes

With NERC's Board of Trustees approval of this data request, as described in the Rules of Procedure: Section 1600 Requests for Data and Information, submittal of this data will become mandatory for all Reliability Coordinators (RCs) starting in January 2011, with provision of the data for the first quarter of 2011 due to NERC on April 30, 2011.

<sup>&</sup>lt;sup>1</sup> 2009 RMWG report entitled "Bulk Power System Reliability Performance Metric Recommendations," http://www.nerc.com/docs/pc/rmwg/RMWG Metric Report-09-08-09.pdf

<sup>&</sup>lt;sup>2</sup> In accordance with the definition in the NERC's Glossary of Terms, an Interconnection Reliability Operating Limit is defined as "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."

<sup>&</sup>lt;sup>3</sup> See <a href="http://www.nerc.com/page.php?cid=1%7C8%7C169">http://www.nerc.com/page.php?cid=1%7C8%7C169</a>
<sup>4</sup> See RMWG Scope at: <a href="http://www.nerc.com/docs/pc/rmwg/Reliability\_Metrics\_Working\_Group\_Scope\_Final.pdf">http://www.nerc.com/docs/pc/rmwg/Reliability\_Metrics\_Working\_Group\_Scope\_Final.pdf</a>

<sup>&</sup>lt;sup>5</sup> See cover letter: http://www.nerc.com/docs/pc/rmwg/ALR3-5 Data Request Comments and Responses6.1.pdf

<sup>&</sup>lt;sup>6</sup> See Appendix I: http://www.nerc.com/docs/pc/rmwg/ALR3-5 Data Request Comments and Responses6.1.pdf http://www.nerc.com/docs/pc/rmwg/ALR3-5 Form.pdf

<sup>&</sup>lt;sup>8</sup> ALR3-5 Reporting Template: <a href="http://www.nerc.com/docs/pc/rmwg/ALR3-5">http://www.nerc.com/docs/pc/rmwg/ALR3-5</a> Template(7.9).pdf

# ALR 3-5: Data Request Information

This section describes the data or information being requested, the use of the data or information, and the necessity of the data or information for NERC to meet its obligations under applicable laws and agreements. *ALR3-5 IROL/SOL Exceedance* will be reviewed by NERC and the OC/PC five y ears after implementation to determine its us efulness in the assessment of bulk pow er system risk as part of the ALR definition filed with the Federal Energy Regulatory Commission (FERC). If the metric does not provide suitable information be alanced a gainst the effort expended to collection this data, the requirement to record the data supporting will be rescinded, unless such data is being used to support other metrics.

### **Description of Data Request**

In the U.S., the data needed to fulfill this request was previously identified in an August 17, 2007 data r equest i ssued to comply with FERC Order No. 693, *Requirements Interconnection Reliability Operating Limits*. As this FERC Order only pertains only to U.S.-based Reliability Coordinators, those based in C anada may need to develop enhanced reporting mechanisms to support data collection. In addition, to pilot the collection process, voluntary data submittal has been encouraged beginning January 1, 2010 and ending December 31, 2010.

This mandatory request for data is scheduled to be provided on a quarterly basis beginning on January 1, 2011. The NERC spreadsheet template, provided on-line is being used to submit this voluntary information.<sup>11</sup>

Each quarter, Reliability C oordinators that ex perience IROL/SOL<sup>12</sup> excursion e vents should provide the number of IROL/SOL exceedances, categorized in the following time frames:

- Greater than 10 seconds, and less than or equal to 10 minutes
- Greater than 10 minutes, and less than or equal to 20 minutes
- Greater than 20 minutes, and less than or equal to 30 minutes
- Greater than 30 minutes

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<sup>&</sup>lt;sup>9</sup> See NERC's document, entitled, "*Definition of Adequate Level of Reliability*," posted at <a href="http://www.nerc.com/docs/pc/Definition-of-ALR-approved-at-Dec-07-OC-PC-mtgs.pdf">http://www.nerc.com/docs/pc/Definition-of-ALR-approved-at-Dec-07-OC-PC-mtgs.pdf</a>

<sup>&</sup>lt;sup>10</sup>The official d at a request issued by N ERC to comply with F ERC of rder No. 693 is a vailable at <a href="http://www.nerc.com/files/PublicFinalFiled-IROL-Data-Request-10312008.pdf">http://www.nerc.com/files/PublicFinalFiled-IROL-Data-Request-10312008.pdf</a>. While Reliability Coordinators are not being asked to provide NERC with the additional detailed data described in the FERC August 17, 2007 data request, they are encouraged to collect and retain this data to facilitate their own analysis of the metric results.

<sup>&</sup>lt;sup>11</sup>ALR3-5 *IROL/SOL Excursion* Reporting Template <a href="http://www.nerc.com/docs/pc/rmwg/ALR3-5">http://www.nerc.com/docs/pc/rmwg/ALR3-5</a> Template(7.9).pdf.

<sup>&</sup>lt;sup>12</sup>Both terms IROL and SOL are used in this data request to recognize that, while the IROL is used in the Eastern, TRE and Québec Interconnections, there are no pre-identified IROLs in the Western Interconnection. Through this data request, the RCs in the Eastern and Québec Interconnections are required to submit quarterly IROL excursion data only; and the RCs in the Western Interconnection are required to submit quarterly SOL excursion data; and the RC in ERCOT Interconnection is required to submit the IROL and SOL excursion data until its IROL method is changed.

The individual data submissions should be sent to NERC at <a href="metrics@nerc.net">metrics@nerc.net</a> by the end of the month following each calendar quarter (due dates annually being April 30, July 31, October 30, and January 31). The first mandatory data collection will be due April 30, 2011. Reliability Coordinators will be required to use a NERC secure web interface to upload the data.

#### Use of Data and ALR 3-5 Metrics

The data collected will be used to calculate the ALR3-5 *IROL/SOL Exceedance* metrics. The intent is to track the number of IROL/SOL exceedances and grouped a ccording to the aforementioned time frames. Over a period of time, this data will identify trends measuring an aspect of the operational reliability of bulk power system. For example, the data results may identify opportunities to enhance Reliability C oordinators operating practices or clarify IROL/SOL related reliability standards to eliminate multiple interpretations that may exist.

The RMWG will doc ument ALR 3-5 a long with a portfolio of metrics in its annual reports, which, after approval by NERC's Planning and Operating Committee, are posted on NERC's website. Further, quarterly trend updates will be posted on the NERC website.

# **Obligations Under Applicable Laws and Agreements**

As required by NERC's IRO-009-1 Standard, Reliability Coordinators ensure prompt action to prevent or mitigate instances of exceeding IROL/SOLs that might cause instability, uncontrolled separation, or cascading out ages. This data will enable NERC to measure the frequency and duration of exceeded IROL/SOLs. To min imize the data collection effort, NERC is not requesting detailed data for each IROL/SOL excursion. Over time, as trends become evident, NERC, Regional Entities, the Operating or Planning Committees may undertake initiatives to commence detailed analysis and root causes.

IROL and SOL are used in this data request to recognize that, while the IROL is used in the Eastern, Texas Reliability Entity (TRE) and Québec Interconnections, there are no IROLs preindentified in the W estern Interconnection due to its higher operating performance level requirements. The WECC Standard TOP-007-WECC-1 – System Operating Limits has requirements for reducing actual flows within System Operating Limits (SOL) on Major WECC Transfer Paths. These major paths are significant components for reliable delivery of power in the Western Interconnection. Further, TRE uses both SOLs and IROLs and is in the process of revising its SOL method, which may result in the TRE Interconnection no longer using IROL.

Because of operating differences, comparisons of Interconnections with this metric will not be meaningful. However, the d ata will be u seful in identifying trends over time on a n Interconnection basis.

<sup>&</sup>lt;sup>13</sup> WECC Standard TOP-007-WECC-1 – *System Operating Limits* is available at <a href="http://www.wecc.biz/Standards/Pending%20Standards/TOP-007-WECC-1.pdf">http://www.wecc.biz/Standards/Pending%20Standards/TOP-007-WECC-1.pdf</a>.



As mentioned in the previous section, the individual data submissions will be sent to the NERC at <a href="metrics@nerc.net">metrics@nerc.net</a> by the end of the month following each calendar quarter beginning January 2011. Submitted data will be subjected to specific rules embedded within the reporting form to validate data entry. Data will be subject to a thorough NERC staff review and results will be vetted by the RMWG and Planning Committee.

### **Reporting Entities**

All NERC Reliability Coordinators will be required to provide the data.

#### **Deliverables**

Reliability Coordinators are to report the requested data by the end of the month after the close of the calendar quarter for IROL/SOL events occurring during the previous quarter, be ginning April 30, 2011.

# Confidentiality

All d ata collected will be a ggregated at the Interconnection l evel only. The d ata will be annotated to describe the different IROL/SOL definitions in each Interconnection. Because no details describing each IROL/SOL ex cursion are being reported, this data is not considered Confidential Energy Infrastructure Information (CEII) and can be reported to the public.

# **Relative Burden Imposed**

For R eliability C oordinators in the U nited S tates, c osts to develop the ne cessary r eporting processes is expected to be less than the cost incurred to meet the August 17, 2007 of ficial data request to fulfill FERC's *Order No. 693 Requirements Interconnection Reliability Operating Limits*, as much less detail is being requested. Canadian Reliability Coordinators may need to develop enhanced or new reporting processes to provide the requested data. The underlying data should be available in existing operating logs.

Minimal ongoing cost is expected for Reliability Coordinators to collect, compile, and report to NERC the requested data. Some Reliability Coordinators may need to modify their monitoring systems, or develop applications to track IROL/SOL excursions as specified. Further, Reliability Coordinators m ay n eed t o t rain t heir pe rsonnel a nd pr ovide r esources t o va lidate pot ential IROL/SOLs

### Data Request Schedule

Below provides a schedule for the ALR3-5 IROL/SOL Exceedance data collection process.

Date	Action
September 9, 2009	PC/OC approved 2009 report
January 1, 2010 to December 31, 2010	Request for voluntary data submission
February 12, 2010	Data request submitted to FERC
March 5, 2010	Data Request posted for Public Comment
April 19, 2010	Deadline for Public Comments
June 15, 2010	PC/OC approved comments and responses
August 4-5, 2010	Request approval of mandatory data collection from NERC's Board of Trustees
January 1, 2011	Reliability Coordinators begin collecting IROL/SOL Exceedance data
April 30, 2011	Due date for first quarter of mandatory data submission
July 31, 2011	Due date for second quarter of mandatory data submission
October 31, 2011	Due date for third quarter of mandatory data submission
January 31, 2012	Due date for fourth quarter of mandatory data submission

Due dates for the subsequent quarters will follow the calendar outlined above.

#### **Status Report on Regional Delegation Agreements Metrics**

#### **Action Required**

Discussion

#### Information

The recently renegotiated Regional Delegation Agreements, which are pending approval at FERC, require NERC and the Regional Entities to develop a set of goals, metrics, measures, other parameters and reports to measure the performance of NERC and the Regional Entities in carrying out their respective functions and related activities under these agreements. In furtherance of this requirement, NERC and the Regional Entities have been working to develop a meaningful set of goals, metrics, measures, other parameters and reports. Examples of the metrics recommended to date include: efficiency, transparency, consistency, and effectiveness/quality. For each of these metrics NERC and the Regional Entities have developed preliminary performance measures of the delegated functions covered by the Regional Delegation Agreements: finance and accounting, events analysis, training, reliability assessment, compliance, and standards.

More recently, NERC has been evaluating the benefits of also incorporating a performance management approach called the "Balanced Scorecard Management System" (BSC)¹ that is designed to help corporate alliances achieve success. Given the nature of the relationship between NERC and the Regional Entities and their common reliability objectives in the context of the overall ERO enterprise model, NERC believes that the BSC method may provide a useful framework to develop, track, and manage the goals, metrics, measures, other parameters and reports governing performance of NERC and the Regional Entities under the Regional Delegation Agreements.

The first step of the BSC method is to identify the *strategic objectives* of the alliance, or in our case the ERO enterprise, and then to sort these objectives into several *strategic themes*. Adapting the example given in the Harvard Business Review article to NERC, these themes could be:

- Living the ERO Enterprise (core values)
- Collaboration
- Timely Delivery of Quality Results
- Learning/Growth
- Value Delivered

<sup>&</sup>lt;sup>1</sup> See summary of article from Harvard Business Review: <a href="http://hbr.org/2010/01/managing-alliances-with-the-balanced-scorecard/ar/1">http://hbr.org/2010/01/managing-alliances-with-the-balanced-scorecard/ar/1</a>.

The *strategic objectives* grouped under the several *strategic themes* are then used to develop an *alliance strategy map* that shows how the objectives that are embedded in the various themes would collectively deliver value. The map can be further broken down into three areas or *perspectives* that show how the objectives for the *organizations and employees*, when executed properly, feed into the objectives for *business processes*, which in turn deliver *stakeholder value*. Finally, "scorecards" can be developed for each of the five *strategic themes* that show for each of their embedded *strategic objectives* what success looks like (*joint wins*), the *metrics* used to measure success, and what *initiatives* are being undertaken to achieve that success.

Taking this from the abstract stage to a real example will help explain the approach. Under the *strategic theme* of "Value Delivered" NERC and the Regional Entities have several common *strategic objectives* one of which is, "Learning, adapting industry." Mapping this *strategic theme* and its associated *strategic objectives* under the *perspective* of "Stakeholder Value", the "scorecard" for this objective might then look something like the following:

Value Delivered OBJECTIVES			
Objective 1: Learning, adapting industry.	Objective 2	Objective 3	Objective 4
Joint Wins			
Timely mitigation of violations.			
Metrics			
Cumulative violations corrected.			
Time to close identified reliability gap.			
Initiatives			
(What NERC and the REs are doing to meet this objective.)			

While the BSC management system takes a somewhat different approach than what was initially envisioned with respect to development of Regional Delegation Agreement metrics, it is expected that much of the work that has been done to date can be incorporated into the BSC framework.

Over the next several months, NERC will be working with Regional Entity senior management to more fully explore and develop this approach, with the goal of bringing a recommended set of goals, metrics, measure, other parameters and reports incorporating the BSC approach to the Finance and Audit Committee for review at its October 2010 meeting and approval by the Board of Trustees at its November 2010 meeting.

# Sample Strategy Map for Balanced Scorecard Method [Conceptual Only]









**Business Processes** 







Organizations and employees

#### Value delivered

Reliability performance improvement

Cost-effective reliability and security risk management Compliance with mandatory reliability standards

Learning, adapting industry Trusted advocacy for reliability

#### Timely delivery of quality results

Develop and report on reliability risk and performance metrics, including trends

Perform expert analysis of system events for learning opportunities

Develop unambiguous reliability standards that apply results-based methods in a defense-indepth strategy

Monitor and enforce compliance in a manner that improves reliability, corrects deficiencies, incents culture of compliance, and achieves transparency, consistency, and efficiency

Publish actionable reliability information to bulk power system owners, operators and users

Assist industry in improving the resilience of the bulk power system from physical and cyber vulnerabilities

Maintain situational awareness of bulk power system reliability

Assess future resource adequacy and reliability impact of policy initiatives

#### Learning/growth

Improve transparency of processes, expectations

Improve consistency of process, tools and results

Improve efficiencies and minimize duplication

Apply risk-based methods to improve the costbenefit of compliance monitoring

Improve expertise in root cause analysis and conduct of audits and investigations

Improve communication of successful results

Seek continuous feedback on performance

#### Collaboration

Apply consultative, collaborative decisionmaking

Prioritize work based on values delivered (see above) Leverage resources across organizations Use third parties if needed to deliver excellence Share information management strategies and tools

#### Living the ERO enterprise (core values)

Ensure trust at all levels; communicate openly Share a common vision and goals

Align performance incentives Put reliability and public interest first Seek to optimize value and efficiency



Agenda Item 13
Board of Trustees Meeting
August 5, 2010

### Government Relations Update

Janet Sena
Director of Government Relations

August 5, 2010

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### Legislative Activity



- Cybersecurity Legislation
- Summer Session Energy Related Drivers
  - Energy only bill
  - Climate
  - RPS
  - Oil drilling
  - House versus Senate version
- Transmission Planning

### Cybersecurity Legislation



- Over 30 bills introduced
- Comprehensive approach versus Single Sector approach
- Turf battle over agencies/committees of jurisdiction
  - DHS
  - DOD
  - Commerce
  - DOE/FERC

### Senate Action on Cyber



- S. 3480 The Protecting Cyberspace as a National Asset Act of 2010
- Sponsored by Sens. Lieberman Collins and Carper
- Status: The bill was introduced on June 10, and was reported from committee with amendment on June 24, 2010
- S. 3538 The National Cyber Infrastructure Protection Act of 2010
- Sponsored by Sen. Bond and Sen. Hatch
- Status: The bill was introduced on June 24
- S. 773 The Cybersecurity Act of 2009
- Sponsored by Sen. Rockefeller
- Status: Reported out of Commerce Committee April 1, 2010

### House Action on Cyber



- HR 5026, the GRID Act
- Sponsored by Reps. Markey, Waxman Barton and Upton
- Status: Passed the U.S. House of Representatives June 10, 2010
- DOD Appropriation Rider (Watson/Langevin amendment)
- House Homeland Security Committee introduced companion bill to Senate Homeland Security bill

### **Energy Bills**



- U.S. HOUSE OF REPRESENTATIVES
  - H.R. 2454 American Clean Energy and Security Act of 2009
  - Sponsored by Rep. Waxman and Rep. Markey
  - Status: Passed by the House of Representatives on June 26, 2009
    - Climate; Energy, RES, Transmission Planning
- U.S. Senate
  - S. 1462 American Clean Energy Leadership Act
  - Sponsored by Sen. Bingaman
  - Status: Passed the Senate Energy Committee in July of 2009
    - Energy, RES, Transmission Planning, Cybersecurity
    - Separate Climate bills

### **Transmission Planning**



- HR 2454
  - FERC adopt National Transmission Planning Principles; Encourage regional planning entities cooperation and coordination
  - Western Interconnection siting provisions only, with FERC backstop authority; existing backstop siting remains for Eastern Interconnection
  - No cost allocation provisions
- S. 1462
  - Policy goals for transmission; FERC coordinates development of high priority national transmission projects; Regional plans to FERC
  - Siting by states for high priority national transmission projects; FERC may site after one year if no action
  - Cost allocation: "reasonably proportionate to measurable economic and reliability benefits"
- FERC NOPR

#### **Committee, Group and Forum Reports**

#### **Action**

None

#### Information

One of NERC's 2010 Corporate Goals is to "review and update technical committee structure to align with ERO functions and optimize use of industry expert resources." 1

NERC technical committees typically provide in the board agenda background a link to their respective web pages containing the latest sets of committee agendas and minutes, and the respective committee chairs give oral reports of their committee activities to the board. Beginning with the May 2010 board agenda, the Planning and Operating Committees began including in the board agenda background summaries of their key activities, including those of their associated subcommittees, in support of the NERC corporate goals and committee missions (see below) as reflected in their charters. The Critical Infrastructure Protection Committee will begin providing this same information starting with this agenda.

The committee activities highlighted in the reports included with this board agenda indicate that the technical focus of the committees, both in response to directions from the board as well as self-initiated activities, is in good alignment with the strategic priorities of the board and the NERC Corporate Goals. For example:

- All three committees, working together, are developing a work plan to address the 19 *Proposals for Action* identified in the HILF report. [Corporate Goal 5.a]
- The Planning and Operating Committees, through the Event Analysis Working Group, and in conjunction with Regional Entities and NERC staff, are working to develop improved processes and procedures for analyzing and investigating events on the bulk power system to identify lessons learned that will lead to improvements in reliability. [Corporate Goal 1.a]
- The Planning and Operating Committees provide input and support to the Reliability Assessment and Performance Analysis program, including long-term, seasonal, and special reliability assessments and reliability metrics. [Corporate Goals 1.b and 1.c]
- The Critical Infrastructure Protection Committee continues to work with DHS and DOE in an ongoing effort to encourage the federal government to convert classified information into unclassified information that can be more broadly shared within the industry. In addition, by converting certain information to an unclassified status, it can then be shared in a much more timely manner thereby providing utilities with important information that can be acted upon. [Corporate Goal 5.b]

<sup>&</sup>lt;sup>1</sup> The primary focus of this NERC Corporate Goal is on the Planning, Operating and Critical Infrastructure Protection Committees.

Agenda Item 14 Board of Trustees Meeting August 5, 2010

#### Planning Committee

"The Planning Committee proactively supports the NERC mission and the several NERC program areas by carrying out a broad array of functions and responsibilities focused on the reliable planning and assessment of interconnected bulk power systems."

#### **Operating Committee**

The Operating Committee's mission is to provide the ERO (stakeholders, Board of Trustees, and staff) with the collective and diverse opinions from the experts in interconnected systems operation to help the industry arrive at informed decisions.

#### Critical Infrastructure Protection Committee

The mission of the Critical Infrastructure Protection Committee (CIPC) is to advance the physical and cyber security of the critical electricity infrastructure of North America.

#### **Critical Infrastructure Protection Committee Report**

#### **Action Required**

None

#### **Background**

This report provides a summary of the key activities of the Critical Infrastructure Protection Committee (CIPCC) and its associated subgroups in support of the NERC mission and goals and the CIPC charter. The most recent CIPC meeting minutes are posted at:

http://www.nerc.com/docs/cip/CIPC draft mins Jun10.pdf.

Summary Report on the November 2009 High-Impact, Low-Frequency Event Risk Workshop. The CIPC, Operating Committee (OC) and Planning Committee (PC) officers and NERC staff are developing a work plan to address the 19 Proposals for Action identified in the HILF report. See Member Representatives Committee Agenda Item 6.c (August 4, 2010) which describes the status of this effort.

<u>Classified Briefing for CIPC and Other Industry Participants.</u> The CIPC is currently working with DHS and DOE to have a classified briefing in conjunction with its December CIPC meeting in Tampa, FL. Last year DHS and DOE provided a classified briefing in Atlanta in conjunction with our CIPC meeting and it was well received. It also eliminates the need for attendees needing to schedule separate travel to Washington, DC, where most briefings are held. The efforts of DHS and DOE in this area are very much appreciated.

Need for Unclassified Information from Federal Government. The CIPC continues to work with DHS and DOE in an ongoing effort to encourage the federal government to convert classified information into unclassified information that can be more broadly shared within the industry. In addition, by converting certain information to an unclassified status, it can then be shared in a more timely manner, thereby providing utilities with important information that can be quickly acted upon.

#### **CIPC Subgroup Highlights**

The CIPC has 5 subgroups and highlights of their work assignments are shown below.

- 1. <u>Business Continuity Guideline Task Force (BCGTF)</u>. The BCGTF was recently assigned the task of updating and combining three CIPC business continuity-related guidelines into one electricity sector-specific guideline for industry use.
- 2. <u>Control Systems Security Working Group (CSSWG)</u>. The CSSWG was recently assigned the task of updating and combining nine CIPC control system-related guidelines into one electricity sector-specific guideline for industry use. The CSSWG anticipates possible future assignments for the development of new guidelines and other reference materials related to the CIP standards that are currently being revised.
- 3. <u>Protecting Sensitive Information Guideline Task Force (PSIGTF)</u>. The PSIGTF was recently assigned the task of updating the CIPC Protecting Sensitive Information Guideline to take into consideration recent developments and to make it more electricity sector-specific.

- 4. <u>Risk Assessment Working Group (RAWG)</u>. The RAWG recently completed the development of the Critical Cyber Asset Identification Guideline which was approved by the full CIPC at the June CIPC meeting. This guideline has been sent to the NERC Standards Committee (SC) to be approved for posting as a supporting guideline for CIP-002. Previously, the RAWG completed the Critical Asset Identification Guideline which was approved by the full CIPC and also by the NERC SC for posting as a supporting guideline for CIP-002. CIPC is currently evaluating whether to retire the RAWG or to assign new work to the group.
- 5. <u>Substation Guideline Task Force (SGTF)</u>. The SGTF was recently assigned the task of updating the Physical Security Substation Guideline to take into consideration recent developments and to make it more electricity sector-specific.
- 6. <u>Future working groups or task forces</u> will be created as needed to address other guidelines that need to be updated, to complete work related to the HILF report and to provide support to new or ongoing standards development work as requested by the NERC SC.

#### **Operating Committee Report**

#### **Action Required**

None

#### **Background**

This report provides a summary of the key activities of the Operating Committee (OC) and its associated subgroups in support of the NERC mission and goals and the OC charter. The most recent OC meeting minutes are posted at:

http://www.nerc.com/docs/docs/oc/OC%20Minutes%20-15-16Jun10.pdf.

<u>High-Impact, Low-Frequency (HILF) Risk Report.</u> The OC, Planning Committee (PC), and Critical Infrastructure Protection Committee (CIPC) officers and NERC staff are developing a work plan to address the 19 proposals for action identified in the report. See Member Representatives Committee Agenda Item 6c (August 4, 2010) which describes the status of this effort.

Event Analysis and Investigation Processes. The OC and PC, through the Event Analysis Working Group (EAWG), as well as the Regional Entities' and NERC Operations and Engineering staffs, are working to develop consensus processes and procedures for analyzing and investigating events on the bulk power system in order to identify lessons learned that will lead to improvements in reliability. This effort is being facilitated by Dave Nevius, Senior Vice President, NERC. The work plan is targeting the end of September 2010 for finalizing a consensus on draft processes and procedures documents, which will then be posted.

#### **OC Subgroup Highlights**

The OC has 15 subgroups, four of which jointly report to the PC and OC.

#### Joint OC/PC Subgroup Highlights

- 1. Event Analysis Working Group. The EAWG developed a draft *NERC Event Categories* and *Levels of Analysis* document for comment. The document proposes five event categories and includes a proposed level of analysis for each category.
- 2. Reliability Metrics Working Group (RMWG). The OC approved the RMWG's 2010 Annual Report on Bulk Power System Reliability Metrics as well as an initial Section 1600 data request for the metric, ALR3-5 IROL/SOL Excursion. The RMWG also requested feedback on the draft Integrated Bulk Power Risk Assessment Concepts white paper and the nine 2010 Reliability Metric Proposals contained in Section 6 of the 2010 Annual Report.
- 3. <u>Integration of Variable Generation Task Force (IVGTF)</u>. The OC approved the *Variable Generation Power Forecasting for Operations* report. The report addresses wind forecasting models.
- 4. <u>Reliability Fundamentals Working Group (RFWG)</u>. The OC temporarily suspended the activities of the RFWG until the March 2011 meeting, when its status will be reevaluated. The RFWG is charged with oversight of the *Reliability Concepts Document*.

The RFWG developed a framework document for the addition of subsequent technical chapters; however, the interest in the group's work has dwindled due to other issues that demand its members' attention.

#### Other OC Subgroup Highlights

- 1. <u>Real-time Application of PMUs to Improve Reliability Task Force.</u> The task force requested comment on its draft *Real-Time Application of Synchrophasors for Improving Reliability* report.
- 2. <u>Interchange Subcommittee.</u> The OC approved the *Dynamic Transfer Reference Guidelines*.
- 3. <u>Resources Subcommittee.</u> The OC approved the *Performance Standards Reference Guidelines*.

#### **Planning Committee Report**

#### **Action Required**

None

#### **Background**

This report provides a summary of the key activities of the Planning Committee (PC) and its associated subcommittees in support of the NERC or PC mission and corporate goals. All these activities support the NERC or PC mission and NERC corporate goals. The most recent PC meeting minutes are posted at:

http://www.nerc.com/docs/pc/Draft %20PC %20Minutes %20June %202010.pdf.

High Impact, Low Frequency (HILF) Risk Report. The PC, Operating Committee (OC), and Critical Infrastructure Protection Committee (CIPC) officers and NERC staff are working to develop a work plan to address the 19 proposals for action in the report. See Member Representatives Committee Agenda Item 6c (August 4, 2010) which describes the status of this effort.

Event Analysis and Investigation Processes. The PC and OC through the Event Analysis Working Group (EAWG), as well as the Regional Entities and NERC Operations and Engineering staffs, are working to develop consensus processes and procedures for analyzing and investigating events on the bulk power system in order to identify lessons learned that will lead to improvements in bulk power system reliability. This effort is being facilitated by Dave Nevius, Senior Vice President, NERC. The work plan is targeting the end of September 2010 for finalizing a consensus on draft processes and procedures documents, which will then be posted.

Generating Availability Data System Task Force. The PC approved a new task force to review and recommend whether Generation Owners on the NERC Compliance Registry should report generator reliability information through the existing GADS data system on a mandatory basis. NERC originally began collecting and analyzing power plant performance and unit outage information in 1982 with a voluntary GADS system. Data submittal to GADS remains voluntary and most (77 percent of capacity), but not all, North American Generation Owners provide the performance related data. The task force will:

- 1. Review GADS and determine what data currently collected by GADS is needed to support and improve bulk power system reliability.
- 2. Determine if collection of the data identified above should be mandatory by Generation Owners on the NERC Compliance Registry to support bulk power system reliability.
- 3. If GADS was made mandatory, recommend whether a Section 1600 data request should be used or a new standard should be developed.
- 4. Define data access to individual GADS unit data.

#### **PC Subgroup Highlights**

The PC has 19 subgroups, four of which report jointly to the PC and OC.

#### Joint OC/PC Subgroup Highlights

- 1. Event Analysis Working Group (EAWG). The EAWG developed a draft *NERC Event Categories and Levels of Analysis* document for comment. The document proposes five event categories and as well as the level of analysis for each category.
- 2. Reliability Metrics Working Group (RMWG). The PC approved the RMWG's 2010 Annual Report on Bulk Power System Reliability Metrics as well as an initial Section 1600 data request one of its metrics, ALR3-5 IROL/SOL Excursion. The RMWG also requested feedback on the draft white paper: Integrated Bulk Power Risk Assessment Concepts and the nine 2010 Reliability Metric Proposals contained in Section 6 of the 2010 Annual Report.
- 3. <u>Integration of Variable Generation Task Force (IVGTF)</u>. The PC approved an IVGTF subteam report *Standard Models for Variable Generation*. The report addresses wind simulation models for power flow, short-circuit, and dynamic simulation. Comments were requested on an IVGTF draft report *Flexibility Requirements and Metrics for Variable Generation and their Implications on Planning Studies*.
- 4. Reliability Fundamentals Working Group (RFWG). The activities of the RFWG were temporarily suspended until the March 2011 meeting, when its status will be reevaluated. The RFWG is charged with the oversight of the *Reliability Concepts Document*. The RFWG had developed a framework document for subsequent technical chapters to be added; however, the interest in the group's work has dwindled due to other issues that demand its members' attention.

#### Other Subgroup Highlights

- 1. Reliability Assessment Subcommittee (RAS): The PC approved two documents: (1) 2010 Special Reliability Scenario Assessment: Potential Reliability Impacts of Rapid Demand Growth after a Long-Term Recession and (2) the Reliability Assessment Guidebook, version 2. In addition, the Reliability Assessment Guidebook Task Force was disbanded and its activities assumed by the RAS.
- 2. <u>G&T Reliability Planning Models Task Force (GTRPMTF):</u> The PC approved proceeding with a Web meeting to discuss and clarify draft methodology for the calculation of probabilistic resource adequacy metrics for use in NERC's long-term reliability assessments.
- 3. Resource Issues Subcommittee (RIS): The PC approved a RIS proposal to treat controllable demand response as a resource in the calculation of reserve margin for NERC reliability assessments. This will make reserve margin reporting consistent in NERC assessments.
- 4. System Protection and Control Subcommittee (SPCS): The SPCS will be seeking to modify A Technical Reference Document: Power Plant and Transmission System Protection Coordination, which the PC approved at its December 2009 meeting. Since its approval, the SPCS has received comments from industry that it feels are valid for incorporating. In addition, the revised document will, in part, address relay loadability issues raised by FERC in Order 733 that approved PRC-023-1. The modifications will be approved by the PC via an e-mail ballot prior to the September 2010 meeting.

5. <u>Transmission Availability Data System Working Group (TADSWG):</u> The PC approved posting revised 2008 TADS reports as well as 2009 TADS reports that contain Automatic Outage metrics and data for those calendar years. The PC also approved initiating a Section 1600 data request to change TADS Event Type Number definitions.

#### **Review of Board Oversight of NERC Standing Committees**

#### **Action Required**

None

#### **Background**

The following standing committees report directly to the Board of Trustees:

- Operating Committee (OC)
- Planning Committee (PC)
- Critical Infrastructure Protection Committee (CIPC)
- Standards Committee (SC)
- Compliance and Certification Committee (CCC)
- Personnel Certification Governance Committee (PCGC)

From a general perspective, each committee sets its priorities in annual work plans and reports progress periodically to the board. However, active interactions between the board and each committee are typically limited to review and approval of final products, changes to rules of procedure, or changes to scope documents. One could say these standing committees are largely self-directed in terms of priorities and initiatives, although the board does occasionally direct committees to perform certain tasks to address emerging reliability issues or regulatory mandates. Some of the committees also have standing obligations to the board, such as annual reliability assessments and seasonal assessments.

The form of the relationships with the standing committees may have shifted over time as a result of the transition from a voluntary organization to the ERO. As a voluntary organization, the previous stakeholder board often directed its priorities to standing committees for implementation, supported by staff. The ERO, however, has a number of statutory functions that are principally directed by staff, such as compliance monitoring and enforcement, event analysis, situation awareness, and training.

Self-direction is a particularly apt characteristic of the process for developing reliability standards. Over the several years the process has been in place, there has been an emphasis placed on allowing each drafting team to determine the timing and deliverables from its work. This is consistent with the ERO model adopted by Congress that provides deference to industry technical experts in the development of reliability standards. Work of the drafting teams is, however, guided by a three-year work plan that is periodically reviewed by the board. The board recently approved changes to the Standards Committee scope and the Reliability Standards Development Procedure to strengthen the role of the Standards Committee in achieving accountability for the timely delivery of high priority standards needed for reliability.

The March 18, 2010 orders by the Federal Energy Regulatory Commission (FERC) and the July 6, 2010 FERC technical conference on reliability standards development provide an opportunity to reflect on the question whether there is presently sufficient oversight and direction from the Board of Trustees in the area of reliability standards development. Regulatory mandates, identification of significant risks to bulk power system reliability, and emerging issues and technologies often dictate action by the ERO. In some cases failing to deliver critical results in a timely fashion could undermine the credibility of the ERO and jeopardize the overall effectiveness and reputation of the ERO.

A parallel set of questions can be asked of the other standing committees, although the question there may be more along the lines of whether NERC is making effective and efficient use of stakeholder resources to produce valuable results to improve reliability? Would the OC and PC benefit from a more robust dialog with the board regarding priority initiatives and deliverables? Similar questions could be asked about the CCC. With the principal responsibilities for the compliance program resting with the Board of Trustees Compliance Committee and the NERC and regional staffs, how could NERC make better use of the CCC as a valuable resource for improving reliability? What oversight and direction should the board be providing to the CCC and how should progress be measured?

The CIPC has unique and perhaps even more urgent challenges, as there is significant uncertainty regarding strategic direction for protection of critical infrastructure both in government and the private sector. The Electricity Sub-Sector Steering Council (formerly the ESSG) is working toward fulfilling this leadership role by developing a strategic roadmap for NERC in this area.

The PCGC is unique in that it has a clearly defined mission to manage the operator certification program.

#### **Discussion Questions**

- 1. What is the nature of the oversight and direction that the Board of Trustees should provide to the standards development program to ensure the success of the ERO and improve reliability?
- 2. Should the board consider forming a standards committee of the board to address this oversight role and to provide additional emphasis?
- 3. What activities could the board, or a committee of the board, undertake to improve the oversight of the standards development program?
- 4. How can the board improve its oversight of the remaining standing committees: OC, PC, CIPC, CCC, and PCGC, particularly with regard to timely delivery of results that have an impact on improving bulk power system reliability?
- 5. What is an appropriate set of responsibilities for the CCC, considering the current role of the BOTCC and staff in implementing the compliance program?

#### **Third Amendment to Loan Documents**



THIS THIRD AMENDMENT TO LOAN DOCUMENTS (this "Amendment") is made as of August \_\_\_\_\_, 2010, by a nd be tween NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION (the "Borrower"), and PNC BANK, NATIONAL ASSOCIATION (the "Bank").

#### **BACKGROUND**

- A. The Borrower has executed and delivered to the Bank (or a predecessor which is now known by the Bank's name as set forth above), one or more promissory notes, letter agreements, loan agreements, security agreements, mortgages, pledge agreements, collateral assignments, and other agreements, instruments, certificates and documents, some or all of which are more fully described on attached Exhibit A, which is made a part of this Amendment (collectively as amended from time to time, the "Loan Documents") which evidence or secure some or all of the B orrower's obligations to the B ank f or on e or m ore loans or other extensions of c redit (the "Obligations").
- B. The B orrower and the B ank de sire to a mend the Loan D ocuments as p rovided f or in this Amendment.

**NOW, THEREFORE,** in consideration of the mutual covenants herein contained and intending to be legally bound hereby, the parties hereto agree as follows:

- 1. Certain of the Loan Documents are amended as set forth in Exhibit A. Any and all references to any Loan Document in any other Loan Document shall be deemed to refer to such Loan Document as amended by this A mendment. T his A mendment is deemed i norporated into each of the Loan Documents. A ny initially capitalized terms used in this Amendment without definition shall have the meanings assigned to those terms in the Loan Documents. To the extent that any term or provision of this Amendment is or may be inconsistent with any term or provision in any Loan Document, the terms and provisions of this Amendment shall control.
- Documents, as amended by this Amendment, are, except as may otherwise be stated in this Amendment: (i) true and correct as of the date of this Amendment, (ii) ratified and confirmed without condition as if made anew, and (iii) incorporated into this Amendment by reference, (b) no Event of Default or event which, with the passage of time or the giving of notice or both, would constitute an Event of Default, exists under any Loan Document which will not be c ured by t he execution and effectiveness of this Amendment, (c) no c onsent, a pproval, or der or authorization of, or registration or filing with, any third party is required in connection with the execution, delivery and carrying out of this Amendment or, if required, has been obtained, and (d) this Amendment has been duly a uthorized, executed and delivered s ot hat it constitutes the legal, valid and binding obligation of the Borrower, en forceable in accordance with its terms. The Borrower confirms that the Obligations remain outstanding without defense, s et of f, c ounterclaim, discount or c harge of a ny k ind a s of the date of this Amendment.
- 3. The Borrower hereby confirms that any collateral for the Obligations, including liens, security interests, mortgages, and pledges granted by the Borrower or third parties (if applicable), shall continue unimpaired and in full force and effect, and shall cover and secure all of the Borrower's existing and future Obligations to the Bank, as modified by this Amendment.

- 4. As a condition precedent to the effectiveness of this Amendment, the Borrower shall comply with the terms and conditions (if any) specified in Exhibit A.
- 5. To induce the Bank to enter into this Amendment, the Borrower waives and releases and forever discharges the Bank and its officers, directors, attorneys, agents, and employees from any liability, damage, claim, loss or expense of any kind that it may have a gainst the Bank or any of them arising out of or relating to the Obligations. The Borrower further agrees to indemnify and hold the Bank and its officers, directors, attorneys, agents and employees harmless from any loss, damage, judgment, liability or expense (including attorneys' fees) suffered by or rendered against the Bank or any of them on account of any claims arising out of or relating to the Obligations. The Borrower further states that it has carefully read the foregoing release and indemnity, knows the contents thereof and grants the same as its own free act and deed.
- 6. This Amendment may be signed in any number of counterpart copies and by the parties to this Amendment on separate counterparts, but all such copies shall constitute one and the same instrument. Delivery of an executed counterpart of a signature page to this Amendment by facsimile transmission shall be effective as delivery of a manually executed counterpart. Any party so executing this Amendment by facsimile transmission shall promptly deliver a manually executed counterpart, provided that any failure to do so shall not affect the validity of the counterpart executed by facsimile transmission.
- 7. This Amendment will be binding upon and inure to the benefit of the Borrower and the Bank and their respective heirs, executors, administrators, successors and assigns.
- 8. This Amendment has been delivered to and accepted by the Bank and will be deemed to be made in the S tate where the B ank's office indicated in the L oan D ocuments is located. This A mendment will be interpreted and the rights and liabilities of the parties hereto determined in accordance with the laws of the State where the Bank's office indicated in the Loan Documents is located, excluding its conflict of laws rules.
- 9. Except as amended hereby, the terms and provisions of the Loan Documents remain unchanged, are and shall remain in full force and effect unless and until modified or amended in writing in accordance with their terms, and are hereby ratified and confirmed. Except as expressly provided herein, this Amendment shall not constitute an amendment, waiver, consent or release with respect to any provision of any Loan Document, a waiver of any default or Event of Default under any Loan Document, or a waiver or release of any of the Bank's rights and remedies (all of which are hereby reserved). **The Borrower expressly ratifies and confirms the waiver of jury trial provision contained in the Loan Documents.**

**WITNESS** the due execution of this Amendment as a document under seal as of the date first written above.

WITNESS / ATTEST:	NORTH AMERICAN ELECTRIC RELIABILITY COMPANY
	By:(SEAL
D: AN	
Print Name:	Print Name:
Title:	Title:

	By:
	(SEAL)
Print Name:	Print Name:
Title:	Title:
	PNC BANK, NATIONAL ASSOCIATION
	Ву:
	(SEAL)
	Lori S. Franzon
	Vice President

## EXHIBIT A TO THIRD AMENDMENT TO LOAN DOCUMENTS DATED AS OF AUGUST \_\_\_\_\_, 2010

- A. The "Loan D ocuments" that are the subject of this Amendment include the following (as any of the foregoing have previously been amended, modified or otherwise supplemented):
  - 1. Letter A greement da ted F ebruary 23, 2007 between t he B orrower and t he B ank (the "**Agreement**")
  - 2. Committed Line of Credit Note dated February 23, 2007 executed and delivered by the Borrower to the Bank(the "**Note**")
  - 3. Security Agreement dated February 23, 2007 between the Borrower and the Bank
  - 4. Reimbursement Agreement dated February 23, 2007 between the Borrower and the Bank
  - 5. Borrowing Base Rider dated February 23, 2007 between the Borrower and the Bank
  - 6. Amendment to Loan Documents dated July 22, 2008
  - 7. Second Amendment to Loan Documents dated July 31, 2009
  - 8. All o ther doc uments, i nstruments, agreements, and c ertificates executed and delivered in connection with the Loan Documents listed in this Section A.
- B. The Loan Documents are amended as follows:
  - 1. The Expiration Date, as set forth in the Agreement and the Note, is hereby extended from August 9, 2010 to June 15, 2011, effective on August 10, 2010.
  - 2. The definition of "Minimum Net Assets" set forth in the FINANCIAL COVENANTS section of the Agreement is hereby amended and restated in its entirety to read as follows:
    - ""Minimum Net Assets" means t otal as sets minus intangible as sets minus total liabilities, provided however, that for each fiscal quarter through the fiscal year ending December 31, 2010 "Minimum N et A ssets" s hall include t he a dd ba ck of the pr ior pe riod's bonus adjustment of \$1,742,701.00."
- C. Conditions to Effectiveness of Amendment: The Bank's willingness to agree to the amendments set forth in this Amendment is subject to the prior satisfaction of the following conditions:
  - 1. Execution by all parties and delivery to the Bank of this Amendment.
  - 2. Reimbursement of the fees and expenses of the Bank's in-house counsel in connection with this Amendment, which fees and expenses as of the date of this Amendment are \$500.00.

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