2013/2014 Winter Assessment

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Assessment Staff

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• **Jason Smith**, Manager, Operations Analysis and Engineering Support (RTO)
2013/2014 Winter Assessment Timeline

- Sept. 16: Initial data & draft narratives due to NERC
- Sept. 27: Comments due to SPP
- Oct. 1-2: NERC Reliability Assessment Subcommittee peer review meeting
- Oct. 7: Revised narratives and corrected data due to NERC
- Oct. 11: Complete draft sent to NERC member committees
- November: NERC target release
Winter Reliability Assessment

• Projected seasonal outlook for winter 2013/2014
  – December, January, February

• Provides high-level overview of winter reliability assessment for SPP RTO region
  – Demand growth
  – Capacity adequacy
  – Operational reliability
Assessment Area

- **SPP RE Reporting Footprint**
  - Nebraska still registered with Midwest Reliability Organization (Regional Entity)
  - SPP RTO operational and planning area includes Nebraska
  - CLECO, LAFA, and LEPA moved to MISO (Reliability Coordinator)
Assessment Process

- SPP staff used member-submitted data from SPP Model Development Working Group and Long Term Reliability Assessment

- Assessment undergoes peer-review process internally and at NERC prior to finalization
  - As part of the peer-review process, SPP solicits feedback from stakeholders
Data Improvement

• SPP staff is making an effort to use in-house member-submitted data to complete NERC assessments
  – Purpose is to reduce the number of data requests

• SPP staff is working with the Model Development Working Group to improve generator modeling
2013/2014 Winter Demand & Capacity

- 34,415 MW  Projected Total Internal Demand (coincident)
- 33,703 MW  Actual 2012/2013 winter peak demand
- 64,466 MW  Existing Certain Capacity resources
  - 842 MW    Added since Summer Assessment timeframe
  - 759 MW    Expected to be added during winter assessment timeframe
- 1,156 MW peak  Demand Response – total controllable
- 153 MW peak  Energy Efficiency
2013/2014 Winter Reliability Assessment

• No regional reliability issues expected
• Reserve Sharing membership changes and Consolidated Balancing Authority integration activities ongoing through the winter
• Reserve margins are adequate
  – SPP members required to maintain 12% capacity margin, which translates to a 13.6% reserve margin
  – 94.2% forecasted reserve margin based on Existing-Certain and Net Firm Transactions
Next Steps

- Sept. 27 - Send comments/questions regarding draft assessment to chaley@spp.org or 501.614.3583
- Oct. 7 - SPP sends final assessment to NERC
Other Outreach

• Sept. 20 webinar on Determining and Communicating TOP System Operating Limits

• Oct. 8-9 Workshop, in Little Rock and via webinar

• Check out our training videos!