2012/2013 Winter Assessment

September 11, 2012

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Assessment Staff

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# 2012/2013 Winter Assessment Timeline

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>Sept. 25</td>
<td>SPP RE accepting comments on draft</td>
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<tr>
<td>Oct. 1</td>
<td>Initial data &amp; draft narratives due to NERC</td>
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<tr>
<td>Oct. 10-11</td>
<td>NERC Reliability Assessment Subcommittee peer review meeting</td>
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<tr>
<td>Oct. 17</td>
<td>Revised narratives and corrected data due to NERC</td>
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<tr>
<td>Oct. 23</td>
<td>Complete draft sent to NERC member committees</td>
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<tr>
<td>November</td>
<td>NERC publishes report</td>
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Winter Reliability Assessment

• Projected seasonal outlook for winter 2012/2013
  – 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 assessments now include Nebraska
  - Nebraska still registered with Midwest Reliability Organization (Regional Entity)
  - RTO operational and planning area includes Nebraska
Assessment Process

• SPP staff used data from SPP Model Development Working Group to develop assessment
• Assessment undergoes peer-review process at NERC prior to finalization
# 2012/2013 Winter Demand & Capacity

- **35,810 MW** | Projected Total Internal Demand (coincident)
- **35,281 MW** | Actual 2011/2012 winter peak demand
- **62,171 MW** | Existing Certain Capacity resources
  - **70 MW** | Added since Summer Assessment timeframe
  - **370 MW** | Net Firm Capacity Transactions (Exports)
  - **684 MW** | Expected to be added during winter assessment timeframe
- **904 MW peak** | Demand Response – interruptible and non-controllable
- **235 MW peak** | Energy Efficiency
Environmental Regulations

- **Cross-State Air Pollution Rule (CSAPR)**
  - CSAPR vacated by U.S. Federal Court
- **Mercury Air Toxic Standard (MATS)**
  - MATS effective date will not affect this coming winter
2012/2013 Winter Reliability Assessment

• No reliability issues expected
  – Long-term outage coordination assessments are being performed to evaluate any operational impacts resulting from EPA requirements

• Reserve margins are adequate
  – SPP members required to maintain 12% capacity margin, which translates to a 13.6% reserve margin
  – 77% forecasted reserve margin based on Existing-Certain and Net Firm Transactions
Next Steps

- Sept. 25 - Send comments/questions regarding draft assessment to chaley@spp.org or 501.614.3583
- Oct. 1 - SPP sends draft assessment to NERC
Upcoming SPP RE Events

- **NERC Standards Process Updates**, Sept. 14, 10:00-11:00
- **CIP-005-3 R2 Access Control Lists**, Sept. 28, 10:00-10:45
- **RE Trustee Meeting**, October 29, 2012 – Little Rock
- **Fall Compliance Workshop**, Nov. 13-14, Little Rock
  - **Agenda**
- **CIP-003-3 R5 Controlling Access to CCA Info**, Dec. 12, 10:00-10:45
Please give us your feedback

Take our very short survey

Thank you!