



Resource Adequacy Work

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Resource Adequacy Efforts

- FERC Annual Reliability Technical Conference
- NERC/WECC Probabilistic Analysis Forum
- NWPP Western Resource Adequacy Program
- NERC Winter Assessment
- NERC Long-Term Reliability Assessment
- WECC's Western Assessment of Resource Adequacy

FERC Annual Reliability Technical Conference

- Held September 30
- Panel 1—Bulk-Power System Reliability and Security: Current State, Challenges, and Initiatives
- Panel 2—Extreme Weather, Risks and Challenges
- Panel 3—Managing Cyber Risks in the Electric Power Sector
- Panel 4—Maintaining Electric Reliability with Changing Resource Mix
- Branden Sudduth was a panelist on Panel 2

NERC/WECC Probabilistic Analysis Forum

- Held October 5–7
- 26 presentations, including topics on:
 - Probabilistic Basics
 - Resource Adequacy Metrics and Methods
 - Specific Implementation of Resource Adequacy Metrics
 - Calculation of Resource Adequacy Metrics
 - Current Industry Efforts
- WECC joint hosted and presented on Reserve Margins and the Western Assessment

NWPP Western Resource Adequacy Program

- WECC continues to monitor the development of the WRAP
 - Member of the Stakeholder Advisory Committee
- Program has opened up to all participants of the Western Interconnection
- Review of the Detailed Design Document is underway

NERC Winter Assessment

- To be released November 17
- WECC has been reviewing final messaging for Western Interconnection portions of the report
- In finalization and approval from NERC RSTC
- Will be presented to the Board
- Will be sent to Executive Management for approval

NERC Long-Term Reliability Assessment

- To be released December 14
- WECC has been reviewing final messaging for Western Interconnection portions of the report
- In finalization with NERC Executive Management review
- Will go to RSTC for approval then on to NERC board for acceptance

Western Assessment of Resource Adequacy

- To be released around December 8
- Draft report being reviewed by Executive Management and focus group of stakeholders
- Looking to add new information this year vs. the 2020 WARA
 - Focus on PRMs needed to mitigate variability in the Western Interconnection
 - Deterministic near-term studies to understand system impacts during periods of high variability
 - Focus on impacts of new resources in the long-term horizon of planning



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