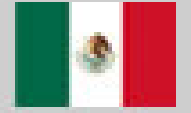




WIRAB Monthly Update

January 7, 2021



Introductions and Roll Call



Chair Remarks

Kara Fornstrom, WIRAB Chair

Outline

- **WECC Activities**
 - WECC Update
 - WECC Stakeholder Engagement Model
 - WECC Western Assessment of Resource Adequacy
- **WIRAB Activities:**
 - WIRAB Advice – FERC NOPR Managing Transmission Line Ratings
 - Upcoming Meetings





WIRAB Update

January 7, 2021

Jordan White
Vice President of
Strategic Engagement and
Deputy General Counsel

Long-Term Reliability Assessment

- NERC released Long-Term Reliability Assessment (LTRA) December 15
- Provides national look at resource adequacy

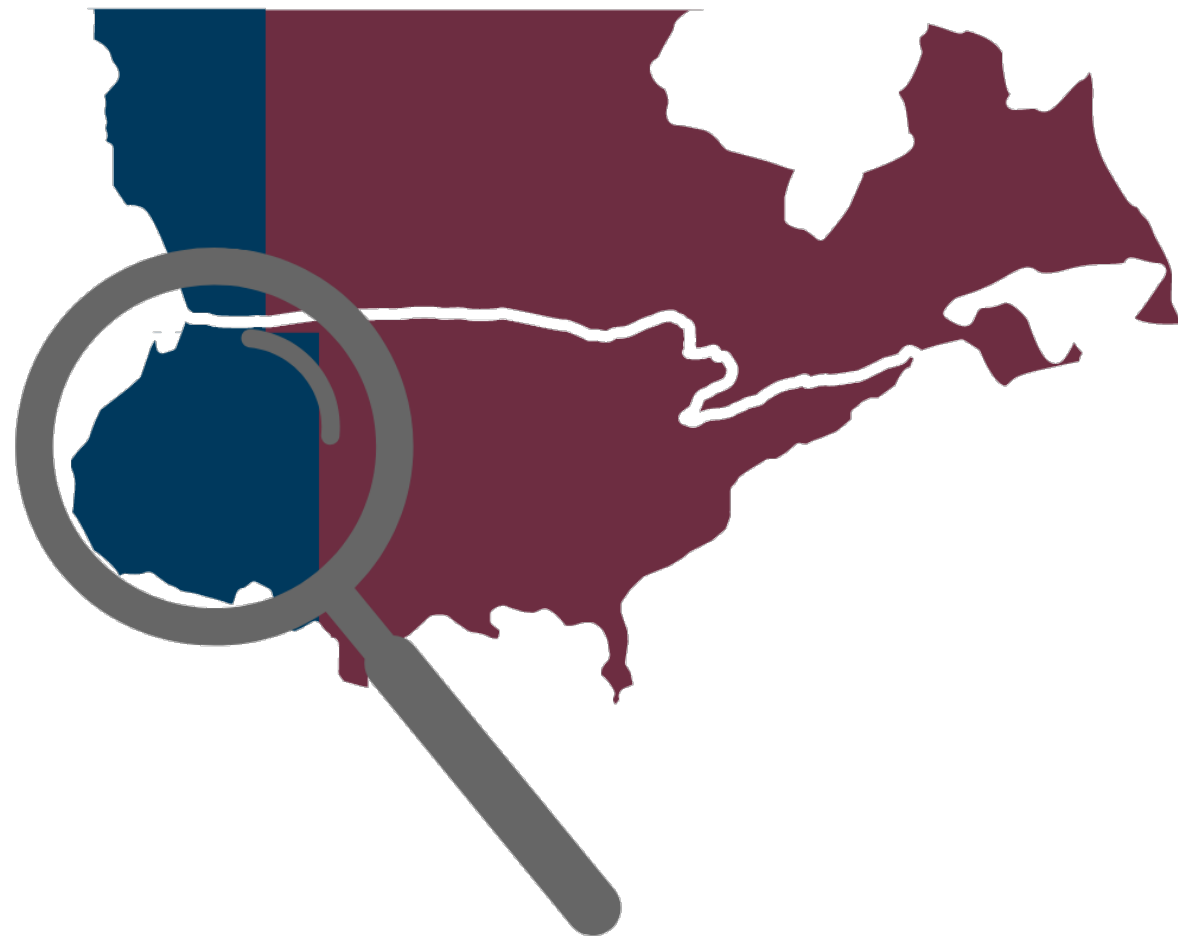
NERC
NORTH AMERICAN ELECTRIC
RELIABILITY CORPORATION

2020 Long-Term Reliability Assessment



Western Assessment

- WECC published the Western Assessment of Resource Adequacy on December 18
- West-focused probabilistic analysis of resource adequacy
- Looks at range of scenarios, including “no-import” scenario
- Divides West in 5 subregions for more detailed analysis



Straw Proposal

- In December, the Stakeholder Engagement Task Force (SETF) posted a revised straw proposal for a new technical stakeholder engagement structure
- Comments are due January 15, 2021
- View the proposal on WECC.org
- Webinar in late January



Input Needed!
STRAW PROPOSAL
Stakeholder Engagement Task Force

CLICK HERE TO PROVIDE YOUR INPUT 

Straw Proposal 2021 Milestones

- Q1: Revise straw proposal
 - Update WECC Board on framework in March
- Q2: Fill in details
 - Final recommendation to WECC Board for approval in June
- September
 - Implementation plan complete and shared at annual meeting
 - Implementation begins



SolarWinds Hack – ERO Response

- Malware inserted into Orion program
 - Offered by SolarWinds
- Immediate response:
 - NERC's E-ISAC is working with industry and government partners
 - Strongly encourage utilities to report to E-ISAC secure portal



WECC

Electric Reliability and Security for the West

Contact:

Jordan White

Vice President of Strategic Engagement and
Deputy General Counsel

jwhite@wecc.org

FERC NOPR Managing Transmission Line Ratings

- Notice of Proposed Rulemaking RM20-16
- Reform *pro forma* OATT and regulations to require:
 - Transmission providers to implement ambient-adjusted ratings;
 - RTOs and ISOs establish and implement the systems and procedures necessary to allow transmission owners to electronically update transmission line ratings at least hourly;
 - Transmission Owners to share line ratings and methodologies with transmission providers, RTOs/ISOs, and market monitors.



WIRAB's Participation: FERC NOPR Managing Transmission Line Ratings

- WIRAB Leadership Delegation to FERC
 - February 2019
- FERC Technical Conference:
 - September 2019: Managing Transmission Line Ratings
- FERC Workshop:
 - November 2019: Grid Enhancing Technologies



DRAFT WIRAB Advice: FERC NOPR Managing Transmission Line Ratings

- Support FERC's changes to the *pro forma* OATT and FERC regulations
 - Expands line rating processes to reflect more real-time conditions, improving reliability and efficiency of the transmission system.
 - Provides a cost-effective improvement to situational awareness
 - Increases transparency into line rating methodologies.
- Encourage further development of rules and incentives around dynamic-line ratings (DLRs)
 - Identify barriers to further development of DLRs in the West.



DRAFT WIRAB Advice Continued: FERC NOPR Managing Transmission Line Ratings

- Consider system impacts unique to the Western Interconnection.
 - How are system operations impacted if transmission lines are stability limited versus thermally limited?
 - Can Reliability Coordinators in the West voluntarily perform the functions required of market operators in other regions?



Next Steps:

FERC NOPR Managing Transmission Line Ratings

- WIRAB Staff to Draft Formal Comments
 - Comments Due 60 Days once published in Federal Register
- Advise WECC to assess the reliability benefits and risks in implementing Dynamic Line Ratings (DLRs) throughout the Western Interconnection.
- Summer 2021 internship project



Upcoming Meetings

WIRAB Monthly Teleconference Meeting

First Thursday of every month at 11:00 AM MT

Next Meeting: February 4, 2021 at 11:00 AM MT





Thank You

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