WIRAB Monthly Meeting

September 1, 2022

WIRAB
Western Interconnection
Regional Advisory Body

Introductions

WIRAB

Western Interconnection Regional Advisory Body

Outline

- **WECC Activities:**
  - WECC Update:
    - WECC Resource Adequacy Series: Steel in the Ground
  - WECC Board of Directors and Annual Meeting
    - Preview WIRAB Comments to the WECC Board

- **Upcoming WIRAB Meetings**

WECC Resource Adequacy Series: Steel in the Ground

Wednesday, September 7, 10:00–11:30 a.m.

- Address the resource additions necessary to meet demand over the next 10 years and the potential obstacles to building them.
- Panelists will discuss how issues like supply chain disruptions, electrification, infrastructure investment, and policy changes may affect future resource adequacy.
  - **Chris Hansen—Colorado State Senator (Moderator)**
  - **Phil Jones—Former Commissioner at the WA UTC and Past President of NARUC**
  - **Ann Rendahl—Commissioner at the WA UTC**
  - **Chris Hofmann—Director, Transmission & Generation Operations at SRP**

WECC Board of Directors and Annual Meeting

September 13-14, 2022 in Henderson, NV

Annual Meeting and Class Breakout Sessions (Call-ins available)

- Class 4 & 5 Breakout Session Agenda (Sept. 13th at 10:45 AM PT)
  - Meet and Greet with new WECC VP of Reliability and Security Oversight and new VP, General Counsel
  - Discussion WECC's role in interconnection-wide transmission planning
  - Discussion on rethinking WECC's State of the Interconnection Report
- WECC's Interactive Forum: Long-term strategic outlook for the West

WIRAB Comments to the BOD: Interconnection-Wide Transmission Planning

FERC NOPR on Long-term Transmission Planning and Cost Allocation

- Western Representative Comments
- NERC and WECC Comments

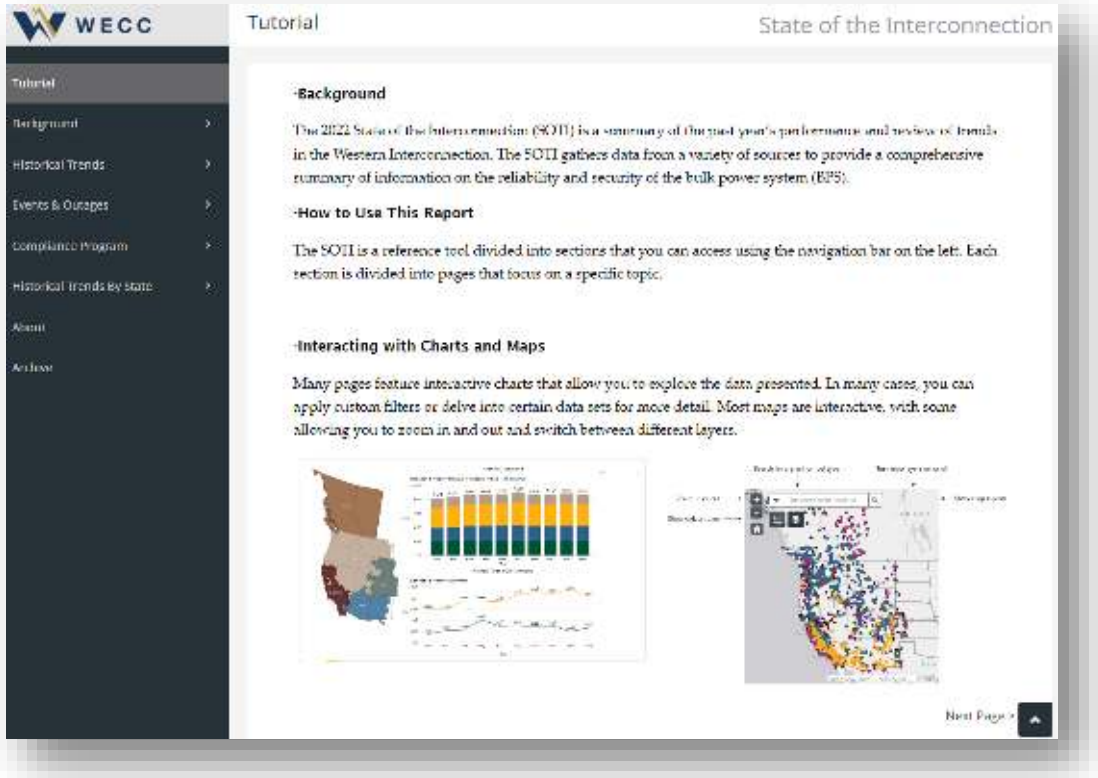
WECC's Potential Role

- Identify transmission need from an interconnection-wide perspective
- Leverage state and provincial policymakers to ensure transmission accounts for state and provincial energy policy

WECC's State of the Interconnection Report

Western Interconnection Regional Advisory Body

Interactive Data Portal:



Report:

WIRAB Comments to the BOD: Reimaging the State of the Interconnection Report

State of the Interconnection Data Portal

- Summary data serves a limited purpose
  - Maintain State level data and expand to Canadian Provinces

State of the Interconnection Report

- Should serve as an early warning system to reliability risks
  - Leverage Reliability and Security Indicator Dashboard and other metrics
  - Requires WECC make a determination of the State, or “Health”, of the Western Interconnection
  - Target audience should be decisionmakers (CEOs, Regulators, and Policymakers)

WIRAB Comments to the BOD: Wildfire Information Request

WECC Data Request

- 9 Entities (2021 Request) -> 45 Entities (2022 Request)
- Summarized events by line voltage level, and did not reveal significant impact to the BES facilities

Next Steps:

- Identify near-miss events and successful mitigation
- Share success stories that minimize risk and impacts to customers
- Continue data collection over time to help determine best practices or challenges with Reliability Standards

WIEB Webinar: Incorporating Temperature and Precipitation Trends in Long-Term Planning

Stanford University 2022 Shultz Energy Fellows at WIEB:

- Jake Hofgard, B.S. candidate Mathematics, Minor in Electrical Engineering
- Evan Savage, M.S. candidate Atmosphere/Energy in Civil and Environmental Engineering

Webinar and Open-Source Forecasting Tool:

- Analyzed trends in temperature and precipitation data in the West.
- Made recommendations on how utilities, regulators, and policymakers can better account for climate change in long-term planning.
- Created a tool that planners can use to forecast long-term temperature trends.

https://www.westernenergyboard.org/wieb-webinar-incorporating-temperature-and-precipitation-trends-in-long-term-planning/

Upcoming Meetings

WIRAB Monthly Meeting

First Thursday of the Month

October Meeting Canceled

Next Meeting: November 3, 2022

Fall 2022 Joint CREPC-WIRAB Meeting

September 28-30, 2022

Tempe, AZ

Thank You!

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