

Meeting [link](#), Password: WECC | Dial-in Number: 1-415-655-0003, Attendee Access Code: 2868 753 4698

Day 1—May 7, 2025, 2:00 to 5:00 p.m. Mountain Time
Reliability Conference Room

- 1. Welcome, Call to Order—Song Wang**
- 2. Review WECC Antitrust Policy—Doug Tucker**
The WECC Antitrust Policy can be found on wecc.org.
Please contact WECC legal counsel if you have any questions.
- 3. Approve Agenda**
- 4. Review and Approve Previous Meeting Minutes**
Approval Item: Meeting Minutes from January 29-31, 2025
- 5. Review Previous Action Items—Maya Brimhall**
- 6. Review Unapproved Dynamic Model List 26HW3—Doug Tucker, WECC**
- 7. MOD-33 Update**
 - RC West update—Licheng Jin, CAISO
 - SPP update—Doug Tucker, WECC
- 8. SCMOV Model—Jamie Weber, PowerWorld; Ramin Vakili, GEV**
Approval Item: SCMOV model
- 9. Generic Model Naming Discussion—Song Wang, PGE, and All**
- 10. Discussion: Observations and Considerations Related to WECC Criterion TPL-001-WECC-CRT-4—Song Wang, PGE**
- 11. Prioritizing the Next Set of Model Development**
 - Series Capacitor MOV Model (SCMOV)
 - VHVDC2

- IBR Controls—REEC_E
- Grid-forming Inverter Model—Hybrid
- Large Load
 - EV Charging Model
 - Data Center
 - Electrolyzer model
- VHVDC3—Offshore Wind
- Advanced Pump Storage Model
- SVSMO4 Model
- Multi-terminal VSC-HVDC

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Day 2—May 8, 2025

9:00 a.m. to 5:00 p.m.

12. Renewable Energy Modeling

- Grid-Forming Hybrid Inverter Control Model development update—Wei Du, PNNL
- IBR Model and Validation Guideline—Songzhe, Qualus
- Addressing Renewable Energy Interconnection Requests and Grid-forming Requirements—Eric Heredia, BPA; Song Wang, PGE
- Updates on IBR model development—Pouyan Pourbeik, PEACE
- Follow-up on Enhancements and Regional Adaptations to Generic WECC Models: Insights from Energinet and Global Applications—Pouyan Pourbeik, PEACE, All

13. Active Transmission System Modeling Update

- Overview of active transmission system modeling—Pouyan Pourbeik, PEACE
 - vhvdc2
 - vhvdc3
 - svsmo4

Approval Item: VHVDC3 model specification

- Introduce Standard Library HVDC and MTDC model development plan—Wei Du, PNNL



14. Load Modeling

- PSLF Modular Model Validation—Nick Hatton, WECC
 - Finalize the official switch to the Modular Model—All discussion
- Data Center modeling discussion—Hasala Dharmawardena, NERC
- Regional Sensitivities to Motor D Component Stalling in Load Models—Jackson Daly, IPC
- Dynamic Behavior of the 3-Phase Motor Segment in Composite Load Modeling—Malati Chaudhary, PNM
- Load modeling work plan—Andreas Schmitt, BPA; Song Wang, PGE
 - Transition the load model to a modular-based structure
 - Parameter calibration
 - Testing/verification: including equipment testing and model performance verification based on system events or other methods
 - WECC load model composition data
 - System-wide simulation
 - EV and data center control and protection
 - Support NERC emerging load plans

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Day 3—May 9, 2025

9:00 a.m. to 12:00 p.m.

15. Generation Modeling Validation Workshop

- Overview of Procedure for Generating Modeling Parameters
 - Review of the NERC model validation guideline
 - Field testing and study procedures
 - Common challenges and mitigation strategies
- A hands-on introduction to a parameter validation tool
 - Purpose and capabilities of the tool



MVS Meeting Agenda—May 7-9, 2025

- Live demonstration of Key functionalities
- Transmission Planner’s Role in Model Verification and Usability Assessment
 - Procedure for reviewing model documentation and results
 - Criteria for determining model usability in planning studies
 - Interface between generator owners and planning entities

16. Power Plant Modeling

- APSH Specification Development updates—Jin Tan and Ningchao Gao, NERL; Zerui Dong, OPAL-RT
- Discussion on IEEE Type C Excitation Limiter Transient Stability Models – Saurav Mohapatra and Jamie Weber, PowerWorld

17. Program Updates

- PSLF program updates—Mengxi Chen, GE
- PSSE program updates—Jay Senthil, PTI
- PowerWorld program updates—Jamie Weber, PowerWorld
- Powertech Labs TSAT program updates—Jeff Bloemink, Powertech Labs

18. Public Comment

19. Review New Action Items

20. Review Upcoming Meetings

September 10–12, 2025 Virtual

21. Adjourn

