

1. Welcome, Call to Order

Logan Affleck, System Review Subcommittee (SRS) liaison, called the meeting to order at 10:17 a.m. MT on August 8, 2024. A quorum was present to conduct business. A list of attendees is attached as Exhibit A.

2. Review WECC Antitrust Policy

Logan Affleck, Staff Engineer, read aloud the WECC Antitrust Policy statement. The meeting agenda included a link to the posted policy.

3. Approve Agenda

L. Affleck introduced the proposed meeting agenda.

By consensus, the SRS approved the agenda.

4. Review and Approve Previous Meeting Minutes

Jeffrey Anderson introduced the minutes from the meeting on June 13, 2024.

By consensus, the SRS approved the minutes from June 13, 2024

5. Review Previous Action Items

Maya Brimhall, Administrative Coordinator, reviewed action items carried over from the SRS meeting on June 13, 2024. Action items that are not closed and will be carried forward can be found [here](#).

6. 2025 Data Preparation Manual

L. Affleck discussed adding guidance on when to include transmission projects to the 2025 Data Preparation Manual. L. Affleck will update the manual with new website links, ensure the document is uploaded to the website, and send it via the SRS distribution list for the committee to review.

By consensus, the SRS approved the Data Preparation Manual.

The Data Preparation Manual is available on the WECC website.

7. DPM Change Request for 12 Ratings

Nick Hatton, Staff Engineer, discussed the proposal for including language on the use of 12 rating slots. He shared that Ratings 1–8 are all now specified and required in this request, while Ratings 9–12 are not specified and would be available for any use deemed necessary. He will get the document posted for a vote to approve the document during the October 2024 meeting.

The DPM Change Request for 12 Ratings document is available on the WECC website.

8. Distributed Generation Modeling Best Practice

N. Hatton discussed generation modeling best practice when Pg and Qq components are both exactly zero. The committee agreed that both components should be statused off when Pg and Qq are both exactly zero.

9. Public Comment

L. Affleck noted that RAS and GMD data files have not been transferred to the WECC website; WECC IT is working on reposting them. In the meantime, if anyone needs them, L. Affleck and N. Hatton can send files via Secure Workspace.

Mensur Haskovic, Western Area Power Administration, asked whether a charter has been created for the Electromagnetic Transient (EMT) Task Force and whether WECC plans on conducting EMT modeling. L. Affleck shared that the EMT Task Force had not met often, resulting in the disbandment of the group. L. Affleck said that WECC is working with some external consultants and internal staff to develop an EMT strategy, and L. Affleck will keep the SRS updated on any future developments. Zach Zornes, Public Utility District No. 1 of Chelan County (CHPD), asked M. Haskovic whether NERC's EMT recommendations were the reason behind his inquiry; M. Haskovic responded in the affirmative. Z. Zornes asked L. Affleck whether WECC was involved in any of the NERC recommendations and whether WECC will head a coordinated effort for utilities to stay on the same page. L. Affleck responded that there are WECC employees monitoring the NERC advisement recommendations, and that WECC will help any utilities who would like to work together.

Karen Reedy, Public Service Company of New Mexico (PNM), explained that some generators in her area are selling into the California Independent System Operator (CAISO). Since CAISO is not an area in the base cases, she asked whether anyone has recommendations on how to coordinate the situation because she cannot turn the generators on without a schedule in place. She explained that without an entity on the receiving end, PNM employees are concerned that the base cases are not accurately reflecting transmission system usage. She suggested N. Hatton and she meet with CAISO Area Coordinators to clarify the situation, and he agreed they should meet outside of the SRS.



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Josh Kitterman, Tucson Electric Power, asked the SRS whether they thought Item 15 in the NERC alert concerning IBR model quality meant that entities should submit an entire base case with a full dynamic file. K. Reedy agreed that PNM interpreted the alert similarly. N. Hatton confirmed they could share base case files with NERC, but it is against WECC policy to send base cases over email. N. Hatton forwarded the NERC alert to Enoch Davies, Reliability Modeling Manager, and N. Hatton will follow up with the SRS upon receiving clarification.

Kalin Lee, Bonneville Power Administration, expressed interest for a fault case for FERC Order 881. He asked whether any other entities saw a need for a fault case. Z. Zornes stated that CHPD is interested. N. Hatton suggested that if K. Lee put together a case description or a targeted meeting, he could send the information out to the SRS. K. Lee agreed.

C.D. Mclean, California Energy Commission, asked whether the SRS could remark upon their experiences with Centralized Remedial Action Scheme (CRAS) and discuss the differences between Remedial Action Scheme (RAS) and CRAS. N. Hatton stated that centralized RAS has not been discussed, but there might be another committee or group that reviews centralized versus individualized RAS that might have more insight.

10. Review New Action Items

- Post a short guideline on the SRS page on how to set up the PDCI from north to south and south to north.
 - Assigned To: Logan Affleck
 - Due Date: October 10, 2024
- Send out a survey to the SRS for ratings/FERC 881 clarification.
 - Assigned To: Nick Hatton
 - Due Date: October 10, 2024

11. Upcoming Meetings

October 10, 2024..... Virtual

December 12, 2024..... Virtual

12. Adjourn

J. Anderson adjourned the meeting without objection at 12:10 p.m.



Exhibit A: Attendance List

Members in Attendance

Logan Affleck.....WECC

Jeffrey Anderson.....Western Area Power Administration

Jessica BenitezLos Angeles Department of Water and Power

Jess Boatwright.....NorthWestern Energy

Benjamin BorowiakArizona Electric Power Cooperative, Inc. (Arizona G&T Cooperatives)

Ron Calvert.....Utility System Efficiencies, Inc.

Daniel Cervantes.....Los Angeles Department of Water and Power

Lakmal Chandrasekara.....Turlock Irrigation District

Jyotsna ChatratiNV Energy

Manuelito ChiefTucson Electric Power

Marco Ciofani.....Alberta Electric System Operator

Jackson DalyIdaho Power Company

Tuan DangPublic Utility District No. 1 of Snohomish County

Lance Felleson.....PacifiCorp

Linnea GentryIdaho Power Company

Darold Green.....PacifiCorp

Jeff HansonColorado Springs Utilities

Ben HutchinsWestern Power Pool

Daniel Johnson Jr.Black Hills Corporation

Lesley Kayser-Sprouse.....Hetch Hetchy Water and Power

Jordan KeomanivanhPortland General Electric Company

Slaven KincicPacific Northwest National Laboratory

Joshua KittermanTucson Electric Power

Christopher Lamb.....Public Utility District No. 1 of Chelan County

Ronnie Lau.....Pacific Gas and Electric Company

May Le.....Public Utility District No. 2 of Grant County



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Kalin Lee Bonneville Power Administration
Richard Maguire Electrical Consultants, Inc.
Mark Mallard NorthWestern Energy
Nima Miri Seattle City Light
Emily Moore Puget Sound Energy, Inc.
Valeriy Jr. Oleshko Western Area Power Administration
Patrick Perry Idaho Power Company
Linda Pope Western Area Power Administration - Rocky Mountain Region
Ryan Price Sacramento Municipal Utility District
Matthew Reali TransCo Energy, LLC
Karen Reedy Public Service Company of New Mexico
Xavier Sosa Southern California Edison Company
Ailin Sun Southern California Edison Company
Muhammad Tayyab Western Area Power Administration
Khanh Thai Tacoma Power
Chifong Thomas Thomas Grid Advisor
Matt Twardy Public Service Company of Colorado (Xcel Energy)
Jerod Vandehey Public Utility District No. 1 of Cowlitz County
GuiHua Wang British Columbia Hydro and Power Authority
Trevor Werho Arizona Public Service Company
Scott Wilson Avista Corporation
Joanna Yang Puget Sound Energy, Inc.

Members not in Attendance

Ernest Ansu-Gyeabour Western Area Power Administration
Ian Beil Portland General Electric Company
Nitin Bhavsar Pacific Gas and Electric Company
Christopher Brem Portland General Electric Company
Lindsay Briggs Black Hills Corporation



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Frank Chen California Independent System Operator
Gene Duran Public Service Company of Colorado (Xcel Energy)
Stefano Figueroa Tucson Electric Power
Talal Hanna San Diego Gas and Electric
Jessica Harris North American Electric Reliability Corporation
Vera Hart California Independent System Operator
Karli Hicks Salt River Project
Moises Inda Centro Nacional de Control de Energia
James Keller Western Area Power Administration - Rocky Mountain Region
Seongtae Kim PacifiCorp
Pranav Kishore Burns & McDonnell (1898 and Co.)
Chelsea Loomis Western Power Pool
Peter Mackin GridBright, Inc.
Emily Parry Public Utility District No. 1 of Snohomish County
Mark Pigman Tacoma Power
Kenny Poon British Columbia Hydro and Power Authority
Daniel Ramirez Energy Strategies
Shengnan Shao Pacific Gas and Electric Company
Rick Torres Imperial Irrigation District
Patrick Truong Sacramento Municipal Utility District
Jimmy Zhang Alberta Electric System Operator

Others in Attendance

Simrit Basrai Pacific Gas and Electric Company
Maya Brimhall WECC
Jared Campbell Electrical Consultants, Inc.
Donna Enriquez El Paso Electric Company
Kathy Estrada GDS Associates, Inc.
Jonathon Flores Los Angeles Department of Water and Power



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Chris Gilden Tri-State Generation and Transmission—Reliability
Mitch Hanson..... Platte River Power Authority
Mensur Haskovic..... Western Area Power Administration
Nick Hatton WECC
Ivana Kezic San Diego Gas and Electric
Cole Mares Salt River Project
Cesar Martinez..... Gridforce Energy Management, LLC
Zach McLaughlin..... Bonneville Power Administration
C.D. Mclean California Energy Commission
Jeff Newby Western Area Power Administration
Catalina Nunez Centro Nacional de Control de Energia
Austin Pollard Colorado Springs Utilities
Benjamin Rodriguez..... El Paso Electric Company
Jia Wei Ruan Los Angeles Department of Water and Power
Daniel Sampedro Imperial Irrigation District
David Tovar..... El Paso Electric Company
Francisco Trigueros Metropolitan Water District of Southern California
Jeff Wai..... British Columbia Hydro and Power Authority
Damien Weigner Southern California Edison Company
James Whitaker Public Service Company of Colorado (Xcel Energy)
Armando Yanez Peralta..... Salt River Project
Zach Zornes Public District No. 1 of Chelan County

