

1. Welcome, Call to Order

Jeffrey Anderson, System Review Subcommittee (SRS) Co-chair, called the meeting to order at 10:03 a.m. MT on December 12, 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

J. Anderson introduced the proposed meeting agenda.

By consensus, the SRS approved the agenda.

4. Review and Approve Previous Meeting Minutes

J. Anderson introduced the minutes from the meeting on October 10, 2024.

By consensus, the SRS approved the minutes from October 10, 2024.

5. Review Previous Action Items

Maya Brimhall, Administrative Coordinator, reviewed action items carried over from the SRS meeting on October 10, 2024. Action items that are not closed and will be carried forward can be found on the WECC website SRS page under the Quick Links.

6. LTPTF 20-Year Case Development

Allison Auld-Hill, Southern California Edison Company, discussed the Long-Term Transmission Planning Task Force's (LTPTF) effort to build a 20-year case. They encouraged members of the SRS to join the LTPTF's efforts, so they can hit the 2026 deadline, and shared that WECC aims to have the case timeline finalized by April 2025.

7. DPM Change Request for GMD Data

Matt Zapotocky, Senior Reliability Assessments Engineer, presented the Data Processing Manual (DPM) change request on Geomagnetic Disturbance (GMD) data specifications for SRS

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approval. The SRS reviewed the data specifications together and proposed changes for consistency between the different power flow programs. The SRS deferred voting to a future meeting.

8. 2025 Prioritized Power Flow Issues

L. Affleck discussed WECC's priorities, including generator terminal bus voltages and composite load model long IDs, for 2025 power flow model shortcomings that need to be corrected.

9. Base Case Process Updates

L. Affleck announced several changes to WECC's base case process that will expedite the base case building schedule.

10. Public Comment

Karen Reedy, Public Service Company of New Mexico, asked whether any other entity had experience with cases or contingencies unable to solve due to units unable to regulate at the same time to develop a solution. She also asked whether the group had experience implementing the concept of droop from newer PSLF versions with a power plant controller and whether implementation helped stabilize simulations. Zach Zornes, Public Utility District No. 1 of Chelan County, suggested removing transformers and adding line drop compensation to the generators in the simulation.

L. Affleck mentioned that members of the SRS should only have calendar invites for the even months in 2025. J. Anderson asked whether anyone in the SRS would like to meet in person in 2025. Z. Zornes replied in the affirmative. L. Affleck and M. Brimhall clarified that at least 10 external representatives must register to attend in person for a hybrid meeting to occur. J. Anderson suggested sending out an invitation to see how many people would like to attend.

J. Anderson encouraged participants to apply for open SRS leadership positions, specifically SRS chair, SRS Base Case Coordinator, and SRS Compliance Coordinator.

11. Review New Action Items

- Review the DPM Change Request for GMD Data.
 - Assigned To: Jeffrey Anderson, Matt Zapotocky, Zach Zornes
 - Due Date: February 13, 2025

12. Upcoming Meetings

February 13, 2025..... Virtual



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April 10, 2025..... Virtual

June 12, 2025..... Virtual

13. Adjourn

J. Anderson adjourned the meeting without objection at 11:46 a.m. MT.



Exhibit A: Attendance List

Members in Attendance

Logan Affleck.....WECC

Jeffrey Anderson.....Western Area Power Administration

Jessica BenitezLos Angeles Department of Water and Power

Nitin BhavsarPacific Gas and Electric Company

Jess Boatwright.....NorthWestern Energy

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

Emerson Butler.....Puget Sound Energy, Inc.

Lakmal Chandrasekara.....Turlock Irrigation District

Jyotsna ChatratiNV Energy

Marco Ciofani.....Alberta Electric System Operator

Jackson Daly.....Idaho Power Company

Tuan DangPublic Utility District No. 1 of Snohomish County

Alexia DreherNV Energy

Stefano FigueroaTucson Electric Power

Damon Fisher.....Avista Corporation

Linnea GentryIdaho Power Company

Darold (Ben) GreenPacifiCorp

James (Jim) Hadley.....Black Hills Corporation

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

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

Kalin LeeBonneville Power Administration

Peter Mackin.....GridBright, Inc.

Richard Maguire.....Electrical Consultants, Inc.

Mark MallardNorthWestern Energy

Nima MiriSeattle City Light

Emily Moore.....Puget Sound Energy, Inc.



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Valeriy Jr. Oleshko..... Western Area Power Administration
Emily Parry..... Public Utility District No. 1 of Snohomish County
Kenny Poon British Columbia Hydro and Power Authority
Linda Pope..... Western Area Power Administration - Rocky Mountain Region
Ryan Price Sacramento Municipal Utility District
Karen Reedy Public Service Company of New Mexico
Julio Rivera Alvarado..... Tucson Electric Power
Xavier Sosa Southern California Edison Company
Ailin Sun Southern California Edison Company
Chifong Thomas Thomas Grid Advisor
Jerod Vandehey..... Public Utility District No. 1 of Cowlitz County
Jeff Wai..... British Columbia Hydro and Power Authority
Trevor Werho Arizona Public Service Company

Members not in Attendance

Ernest Ansu-Gyeabour Western Area Power Administration
Ian Beil..... Portland General Electric Company
Christopher Brem Portland General Electric Company
Ron Calvert..... Utility System Efficiencies, Inc.
Daniel Cervantes..... Los Angeles Department of Water and Power
Frank Chen California Independent System Operator
Alexander De Maeseneer..... British Columbia Hydro and Power Authority
Gene Duran Public Service Company of Colorado (Xcel Energy)
Lance Felleson..... PacifiCorp
Talal Hanna San Diego Gas and Electric
Jeff Hanson Colorado Springs Utilities
Jessica Harris North American Electric Reliability Corporation
Vera Hart California Independent System Operator
Karli Hicks Salt River Project



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Ben Hutchins Western Power Pool
Moises Inda Centro Nacional de Control de Energia
Lesley Kayser-Sprouse..... Hetch Hetchy Water and Power
James Keller Western Area Power Administration - Rocky Mountain Region
Jordan Keomanivanh Portland General Electric Company
Seong Tae Kim PacifiCorp
Slaven Kincic Pacific Northwest National Laboratory
Pranav Kishore..... Burns & McDonnell (1898 and Co.)
Joshua Kitterman Tucson Electric Power
Christopher Lamb..... Public Utility District No. 1 of Chelan County
Chelsea Loomis Western Power Pool
Patrick Perry Idaho Power Company
Mark Pigman..... Tacoma Power
Matthew Reali TransCo Energy, LLC
Tracy Rolstad..... Advantage Capital
Daniel Sampetro Imperial Irrigation District
Shengnan Shao..... Pacific Gas and Electric Company
Muhammad Tayyab..... Western Area Power Administration
Khanh Thai Tacoma Power
Patrick Truong Sacramento Municipal Utility District
Matt Twardy..... Public Service Company of Colorado (Xcel Energy)
GuiHua Wang British Columbia Hydro and Power Authority
Scott Wilson..... Avista Corporation

Others in Attendance

Allison Auld-Hill Southern California Edison Company
Dirk Barton Public Service Company of New Mexico
Maya Brimhall..... WECC
Laryn Brinkman..... Public Utility District No. 1 of Chelan County



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Jared Campbell..... Electrical Consultants, Inc.
James Cronen GE Vernova (GE Energy Consulting Group)
Paul Curtis Public Utility District No. 1 of Chelan County
Kathy Estrada.....GDS Associates, Inc.
Jennifer Galaway Portland General Electric Company
Mensur Haskovic..... Western Area Power Administration
Nick Hatton WECC
Mueez Khan Pacific Gas and Electric Company
Adriel Lau British Columbia Hydro and Power Authority
Cole Mares Salt River Project
Zach McLaughlin..... Bonneville Power Administration
Amir Mohammednur..... Southern California Edison Company
Benjamin Rodriguez..... El Paso Electric Company
Hari Singh..... CORE Electric Cooperative
David Tovar..... El Paso Electric Company
Francisco Trigueros Metropolitan Water District of Southern California
Doug Tucker..... WECC
Jeff Watkins NV Energy
Jim Whitaker Public Service Company of Colorado (Xcel Energy)
Armando Yanez Peralta..... Salt River Project
Matt Zapotocky..... WECC
Zach Zornes Public Utility District No. 1 of Chelan County

