

1. Welcome, Call to Order

Jeffrey Anderson, System Review Subcommittee (SRS) Chair, called the meeting to order at 10:04 a.m. MT on April 11, 2024. A quorum was present to conduct business. A list of attendees is attached as Exhibit A.

2. Review WECC Antitrust Policy

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

3. Approve Agenda

Mr. Anderson introduced the proposed meeting agenda.

On a motion by Karen Reedy, the SRS approved the agenda.

4. Review and Approve Previous Meeting Minutes

Mr. Anderson introduced the minutes from the meeting on February 15, 2024.

On a motion by Logan Affleck, the SRS approved the minutes from February 15, 2024.

5. Review Previous Action Items

Serena Stiehl, Administrative Coordinator, reviewed action items carried over from the SRS meeting on February 15, 2024. Action items that are not closed and will be carried forward can be found [here](#).

On a motion by Logan Affleck, the SRS closed the action item "Update and maintain the Steady-state and Dynamics Dashboard (SADD)."

On a motion by Mark Mallard, the SRS closed the action item "Create welcome to the SRS Meeting Materials."

On a motion by Logan Affleck, the SRS closed the action item "Address multi-section transmission lines. SRS discussion outreach."

On a motion by Logan Affleck, the SRS closed the action item "Modify the SRS charter to expand discussions on issues with case models."

On a motion by Linnea Gentry, the SRS closed the action item “Explore reporting something similar to Evan Paull's presentation with the Operations cases after running the Standard Disturbances.”

On a motion by Logan Affleck, the SRS closed the action item “Upload Data Check Report to SRS page by the 4/11/24 meeting.”

6. Data for Flow Reversals Seen on the COI

Ben Hutchins, Western Power Pool (WPP), presented the data for flow reversals as seen on the California-Oregon Intertie (COI) and Pacific DC Intertie (PCDI). A proposal was made for targets in the 2025 Base Case Coordination Schedule to do a one-to-two-year case schedule of about 1.5 gigawatts (GW) south to north, that would increase to 2 GW in the five-year horizon and 2.5 GW in the 10-year horizon.

On a motion by Christopher Lamb, the SRS approved the Updated Heavy Winter Path Flows.

7. Autumn Operating Cases

Raja Thappetaobula, California Independent System Operator (CAISO), presented and lead the discussion on the possibility of building an Autumn operating case. The SRS discussed whether there would be a benefit to building an autumn case or whether it would be too similar to a spring case. Mr. Thappetaobula will submit a request for an autumn case.

8. Hydro Generation Modeling Gaps

This was moved to a future SRS meeting.

9. Public Comment

Karen Reedy, Public Service Company of New Mexico (PNM), asked whether it would be possible to extend the meeting time for the next SRS meeting due to the subcommittee going over the allotted time in the last few meetings. Mr. Anderson asked the group to plan on an additional half hour for the next SRS meeting on June 13, 2024.

10. Review New Action Items

- Discuss use of RAS in dynamics in future SRS meeting.
 - Assigned To: Karen Reedy
 - Due Date: August 8, 2024
- Submit DPM change request to add seasonal definitions.
 - Assigned To: Logan Affleck
 - Due Date: June 13, 2024



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11. Upcoming Meetings

June 13, 2024..... Virtual

August 8, 2024..... Virtual

October 10, 2024..... Virtual

12. Adjourn

Mr. Anderson adjourned the meeting without objection at 12:11 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

Matthew GomezSouthern California Edison Company

Talal HannaSan Diego Gas and Electric

Ben HutchinsWestern Power Pool

Daniel Johnson Jr.Black Hills Corporation

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

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

Kalin LeeBonneville Power Administration

Chelsea LoomisWestern Power Pool



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Richard Maguire Electrical Consultants, Inc.
Mark Mallard NorthWestern Energy
Nima Miri Seattle City Light
Emily Moore Puget Sound Energy, Inc.
Emily Parry Public Utility District No. 1 of Snohomish County
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
Muhammad Tayyab Western Area Power Administration
Rick Torres Imperial Irrigation District
Matt Twardy Public Service Company of Colorado (Xcel Energy)
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
Lindsay Briggs Black Hills Corporation
Frank Chen California Independent System Operator
Gene Duran Public Service Company of Colorado (Xcel Energy)
Stefano Figueroa Tucson Electric Power
Darold Green PacifiCorp
Jeff Hanson Colorado Springs Utilities
Jessica Harris North American Electric Reliability Corporation
Vera Hart California Independent System Operator
Moises Inda Centro Nacional de Control de Energia



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Robert Jones..... Seattle City Light
James Keller..... Western Area Power Administration - Rocky Mountain Region
Seongtae Kim PacifiCorp
Pranav Kishore..... Burns & McDonnell (1898 and Co.)
May Le..... Public Utility District No. 2 of Grant County
Peter Mackin..... GridBright, Inc.
Nik Mikelsons Portland General Electric Company
Valeriy Jr. Oleshko..... Western Area Power Administration
Patrick Perry..... Idaho Power Company
Mark Pigman..... Tacoma Power
Kenny Poon British Columbia Hydro and Power Authority
Daniel Ramirez..... Energy Strategies
Alex Stewart Bonneville Power Administration—Transmission
Khanh Thai Tacoma Power
Chifong Thomas Thomas Grid Advisor
Patrick Truong Sacramento Municipal Utility District
Jerod Vandehey..... Public Utility District No. 1 of Cowlitz County
Jimmy Zhang..... Alberta Electric System Operator

Others in Attendance

Simrit Basrai Portland General Electric Company
Christopher Brem Portland General Electric Company
Laryn Brinkman..... Public Utility District No. 1 of Chelan County
Theo Brown Southwest Power Pool
Jared Campbell..... Electrical Consultants, Inc.
James Cronen GE Verona (GE Energy Consulting Group)
Kathy Estrada..... GDS Associates, Inc.
Jens Foyer..... Ecoplexus
Ben Green..... PacifiCorp



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Mitch Hanson..... Platte River Power Authority
Mensur Haskovic..... Western Area Power Administration
Nick HattonWECC
Dustin Herrick Portland General Electric Company
Neil Jones PacifiCorp
Jordan Keomanivanh Portland General Electric Company
Ivana Kezic San Diego Gas and Electric
Adriel Lau..... British Columbia Hydro and Power Authority
Hyun Joo Lee..... PacifiCorp
Yan Ma Salt River Project
Cole Mares Salt River Project
Zach McLaughlin..... Bonneville Power Administration
Israel Melendez..... Ecoplexus
Jeff Newby Western Area Power Administration
Anthony Rendon Salt River Project
Nolan Rogers..... PacifiCorp
Jia Wei Ruan Los Angeles Department of Water and Power
Maya Savage..... PacifiCorp
Amanuel Selassie Los Angeles Department of Water and Power
Gary Simonson..... PacifiCorp
Ailin Sun Southern California Edison Company
Pha Thao PacifiCorp
RajaShekar Thappetaobula..... California Independent System Operator
Visu Viswanathan..... Alberta Electric System Operator
Augusto Zanin Bertoletti Portland General Electric Company
Zach Zornes Public Utility District No. 1 of Chelan County

