

Reliability Assessment Committee

Meeting Minutes

Virtual

Day 1—July 8, 2025

1:00 to 5:00 p.m. Mountain Time

1. Welcome, Call to Order

Chelsea Loomis Reliability Assessment Committee (RAC) Co-Chair, called the meeting to order at 1:02 p.m. MT on July 8, 2025. A quorum was present to conduct business. A list of attendees is attached as Exhibit A.

2. Review WECC Antitrust Policy

Enoch Davies, Reliability Modeling Manager, read aloud the WECC Antitrust Policy statement. The policy can be found on wecc.org.

3. Approve Agenda

C. Loomis introduced the proposed meeting agenda.

By consensus, the RAC approved the agenda.

4. Review and Approve Previous Meeting Minutes

C. Loomis introduced the minutes of the meeting on February 19–20, 2025.

On a motion by Philip Augustin, the RAC approved the minutes from February 19–20, 2025.

5. Review Previous Action Items

Serena Stiehl, Administrative Coordinator reviewed action items carried over from the RAC meeting on February 19–20, 2025. Action items that are not closed and will be carried forward can be found on wecc.org.

6. Committee Roundtable

The RAC discussed the Reliability Risk Committee (RRC) Risk Register items.

7. Long-Term Transmission Planning Task Force (LTPTF)

Allison Auld-Hill, Southern California Edison, recommended to dissolve the LTPTF.

This presentation can be found on wecc.org

On a motion by P. Augustin, the RAC approved the recommendation to dissolve LTPTF.

8. Modeling and Validation Subcommittee (MVS)

Song Wang, Portland General Electric Company, updated the RAC on the MVS.

The presentation can be found on wecc.org.

9. Production Cost Data Subcommittee (PCDS)

Kevin Harris, Pacific Northwest National Laboratory, updated the RAC on the PCDS.

The presentation can be found on wecc.org.

10. FERC Order 901 Activities Update

Jamie Calderon, NERC, updated the RAC on FERC Order 901 activities.

This presentation can be found on wecc.org

11. WECC Modeling Philosophy

E. Davies discussed WECC's Modeling Philosophy and electromagnetic transient activities with the RAC.

Adjourn Day 1

C. Loomis adjourned Day 1 without objection at 4:27 p.m.

Day 2—July 9, 2025

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

12. Data Viewers Update

E. Davies updated the RAC on the data viewer tool.

13. Harmonizing IBR Interconnection Requirements Across the West

Ryan Quint, Elevate Energy Consulting, and Eric Baran, Western Interstate Energy Board, presented on harmonizing Inverter Based Resource (IBR) interconnection requirements across the west.

The presentation can be found on WECC.org.

14. Studies Subcommittee (StS)

Eepsita Priye, Puget Sound Energy, updated the RAC on the StS.

The presentation can be found on WECC.org.

On a motion by C. Loomis, the RAC approved Eepsita Priye as the Chair for the StS.

15. Underfrequency Load Shedding Work Group (UFLSWG)

Robby Anderst, Puget Sound Energy, updated the RAC on the UFLSWG

The presentation can be found on WECC.org.



16. System Review Subcommittee (SRS)

Jeffrey Anderson, Western Area Power Administration, updated the RAC on the SRS.

17. Public Comment

No comments were made.

18. Review New Action Items

There were no new action items created during this meeting.

19. Review Upcoming Meetings

October 22–23, 2025 Salt Lake City, Utah

20. Adjourn

Chelsea Loomis adjourned the meeting without objection at 10:25 a.m.

Exhibit A: Attendance List

Members in Attendance

Philip Augustin Salt River Project
Allison Auld-Hill Southern California Edison Company
Zachary Beus Puget Sound Energy, Inc.
Scott Beyer PacifiCorp
Jeff Hanson Colorado Springs Utilities
Jonathan Hayes Southwest Power Pool
Fred Heutte NW Energy Coalition
Ryan Hubbard Tri-State Generation and Transmission—Reliability
Ben Hutchins Western Power Pool
Chelsea Loomis Western Power Pool
Peter Mackin GridBright, Inc.
Richard Maguire Electrical Consultants, Inc.
Chifong Thomas Thomas Grid Advisor
Gary Trent Tucson Electric Power
Jerod Vandehey Public Utility District No. 1 of Cowlitz County
Song Wang Portland General Electric Company
Quinten Ziegler Transmission Agency of Northern California

Members not in Attendance

Ravi Aggarwal Bonneville Power Administration—Transmission
Sharmen Andrew MATL Canada L.P.
John Armenta Farmington Electric Utility System
Paul Arnold EnTranTek LLC
Ehsan Azordegan Kinectrics US
Eric Bahr NorthWestern Energy
Nathan Barcic California Public Utilities Commission
Ian Beil Portland General Electric Company
Constance Bergmark Imperial Irrigation District
Mitchell Betonie Farmington Electric Utility System
Aseem Bhatia California Department of Water Resources
Jeffrey Billinton California Independent System Operator
Savina Blackman Clearway Energy Operating, LLC (NRG)
Brett Bodine Turlock Irrigation District
Marian Bonar Gallatin Power Partners, LLC
Diane Brandt Renewable Northwest
Marcus Brown NaturEner USA, LLC
Jeremy Brownrigg Platte River Power Authority
Jason Burwen GridStor LLC
Shawn Carlson Basin Electric Power Cooperative



Kris Carper.....Arizona Electric Power Cooperative, Inc. (Arizona G&T Cooperatives)
Tim Cherry Metropolitan Water District of Southern California
Chris Colson Western Area Power Administration
Dennis Desmarais Copia Power DevCo, LLC
Bryce Dininger Central Arizona Water Conservation District
Gordon Dobson-Mack Powerex, Inc.
Rodica Donaldson EDF Renewable Energy
Thomas Duane Public Service Company of New Mexico
Kirsten Eliassen Gallatin Power Partners, LLC
Greg Engels British Columbia Utilities Commission
Roberto Favela El Paso Electric Company
Jonathon Flores Los Angeles Department of Water and Power
Shaun Foster Portland General Electric Company
Jordy Fuentes Arizona Power Authority
Jennifer Galaway Portland General Electric Company
Allen Green U.S. Army Corps of Engineers, Portland District
Ron Grife Leeward Renewable Energy, LLC
Ernie Griggs Cascade Renewable Transmission, LLC
John Gross Avista Corporation
Mike Guité British Columbia Hydro and Power Authority
Val Guzman Ridad Silicon Valley Power (City of Santa Clara)
Mark Hackney Open Access Technology International
James (Jim) Hadley Black Hills Corporation
Christina Hajny U.S. Army Corps of Engineers, Portland District
Ryan Hancock Grid Subject Matter Experts
Nadine Hanhan Oregon Public Utility Commission
Johanna Hanson Washington Department of Commerce - State Energy Office
Chris Hofmann Sacramento Municipal Utility District
Bill Hosie PSI Power System Innovation Corp.
Peter Huang Alberta Electric System Operator
Nicole Hughes Renewable Northwest
Rhett Hurless Absaroka Energy, LLC
Richard Jackson U.S. Bureau of Reclamation
Robert Jackson Burns & McDonnell (1898 and Co.)
Harley Johnson Tacoma Power
Holly Johnson City of Redding
Mike Johnson Pacific Gas and Electric Company
Justin Joiner TransCanyon LLC
Will Jolley GridStor LLC
Charles Jones Arizona Electric Power Cooperative, Inc. (Arizona G&T Cooperatives)
Lorissa Jones Bonneville Power Administration—Transmission
Peter Jones Puget Sound Energy, Inc.



Robert Jones Seattle City Light
Anish Joshi Transmission Agency of Northern California
Lesley Kayser-Sprouse Hetch Hetchy Water and Power
Ryan Kerr Public Utility District No. 1 of Clark County
Cathy Kim Copia Power DevCo, LLC
Eli King Washington Department of Commerce - State Energy Office
Ruth Kloecker ITC Grid Development, LLC
Michael Korhonen Western Area Power Administration
Luca Kovacic Direct Energy Business Marketing, LLC
John Kyei TransCo Energy, LLC
Josh Langer I2R Grid Solutions, Inc
Josh Laurandeau NorthWestern Energy
Justin Lee Salt River Project
John Leland Northern Tier Transmission Group
Daniel Leon Power Systems Consultants, Inc.
John Liang Public Utility District No. 1 of Snohomish County
Todd Lichtas Tucson Electric Power
Patrick Ma Energy Exemplar, LLC
Habibou Maiga San Diego Gas and Electric
Sarah Majok Sarah Aggrey Consulting Engineers LLC
Jessica Markovich Eugene Water & Electric Board
Tiana Marmitt Energy Exemplar, LLC
Jesus Martinez Imperial Irrigation District
John D. Martinsen Public Utility District No. 1 of Snohomish County
Christopher McLean California Energy Commission
Diana McMahon Salt River Project
Jerry Melcher California Public Utilities Commission, Office of Ratepayer Advocates
Cal Morris Public Utility District No. 1 of Clark County
Keegan Moyer Energy Strategies
Foung Mua Sacramento Municipal Utility District
Julie Myerholtz First Solar
Biju Naduvathuparambil Gopi California Independent System Operator
Ramya Nagarajan DesertLink, LLC
George Nail Public Service Company of New Mexico
Tyler Nice Eugene Water & Electric Board
John Nierenberg Tacoma Power
Andrey Olennikov Portland General Electric Company
Dave Peck California Public Utilities Commission, Office of Ratepayer Advocates
Mateusz Pena Delta-Montrose Electric Association
Cuong Phan Eurowind Energy
Chris Pink Tri-State Generation and Transmission—Reliability
Nathan Powell Deseret Generation & Transmission Cooperative

Michael Pulskamp.....	U.S. Bureau of Reclamation
Justin Radl.....	EDF Renewable Energy
Sunny Raheem	Southwest Power Pool
Michael Rein.....	Public Service Company of Colorado (Xcel Energy)
Jacob Richardson	Western Resource Advocates
Marco Rios.....	Pacific Gas and Electric Company
Jay Robertson	Direct Energy Business Marketing, LLC
Rob Robertson.....	Leeward Renewable Energy, LLC
Matt Robinson.....	Arizona Public Service Company
Michael Roetzel.....	Eligius LLC
Philip Roice.....	Pend Oreille County PUD #1
Trevor Rombough	Black Hills Corporation
Faranak Sarbaz	Los Angeles Department of Water and Power
Steve Schaarschmidt.....	Colorado Springs Utilities
Erik Schellenberg	Idaho Power Company
Matt Scheppers	Platte River Power Authority
Gretchen Schott	Clearway Energy Operating, LLC (NRG)
Trevor Schultz	Idaho Power Company
Masoud Shafa	California Department of Water Resources
Tom Siegel.....	Longroad Energy Holdings, LLC
Robert Smith.....	TransCanyon LLC
Alejandro Solis	El Paso Electric Company
Sachin Soni.....	I2R Grid Solutions, Inc
Jonathan Stahlhut.....	TransCo Energy, LLC
Rachel Stanford.....	Utah Associated Municipal Power Systems
Quincy Stormer.....	Electrical Consultants, Inc.
Jan Strack.....	San Diego Gas and Electric
Tom Studer.....	First Solar
Spencer Tacke.....	Auriga Corporation
Holly Taylor.....	Western Interstate Energy Board
Sonseeahray Thayer	Arizona Power Authority
James Thompson	First-Light Energy
Jameson Thornton.....	Burns & McDonnell (1898 and Co.)
David Tovar.....	El Paso Electric Company
Stina Trast	Eurowind Energy
Edwin Tso	Metropolitan Water District of Southern California
Guy Van Uytven	Guy Van Uytven
Darrel G. VanCoevering	EnTranTek LLC
Pushkar Wagle	Flynn Resource Consultants, Inc.
Jonathan Walcott.....	Delta-Montrose Electric Association
Jeffery Watkins	NV Energy
Lowell Watros.....	Grid Subject Matter Experts

Philip Westby Basin Electric Power Cooperative
Steve Wickel Public Utility District No. 1 of Chelan County
Scott Wilson Avista Corporation
Rob Witham Public Utility District No. 1 of Chelan County
David Withrow California Public Utilities Commission
Jeff Wyman ITC Grid Development, LLC
Chris Yoon Seattle City Light
Brian Young Central Arizona Water Conservation District
Hayk Zargaryan Southern California Edison Company
Nick Zettel City of Redding
Janice Zewe Sacramento Municipal Utility District
Kevin Zhang British Columbia Hydro and Power Authority
Karl Zimmerman First-Light Energy
Oren "Dayne" Zimmerman Eligius LLC

Others in Attendance

Meg Albright Bonneville Power Administration—Transmission
Rachel Allen Tacoma Power
Jeffrey Anderson Western Area Power Administration
Robby Anderst Puget Sound Energy, Inc.
Brittany Andrus WECC
Eric Baran Western Interstate Energy Board
Scott Brooksby WECC
Jamie Calderon North American Electric Reliability Corporation
Chahat Chaudhri Farmington Electric Utility System
John Chopson Arizona Public Service Company
Garrett Colkitt Public Utility District No. 1 of Cowlitz County
Kevin Conway Western Power Pool
Enoch Davies WECC
ChaRee DiFabio Western Power Pool
Donna Enriquez El Paso Electric Company
Andrew Fay WECC
Jonathan Fidrych Tri-State Generation and Transmission—Reliability
Dave Grover WECC
Kevin Harris Pacific Northwest National Laboratory
Curtis Holland WECC
Vic Howell WECC
Jon Jensen WECC
Luis Leon Arizona Public Service Company
Greg Park WECC
Anuj Patil WECC
Juan Placid JJ Power & Energy, Inc.

Eepsita Priye..... Puget Sound Energy, Inc.
Ryan Quint Elevate Energy Consulting
Luz Ramos El Paso Electric Company
Tim Reynolds..... WECC
Katie Rogers WECC
Jose Ruiz El Paso Electric Company
Heather Sorensen Public Utility District No. 1 of Cowlitz County
Serena Stiehl..... WECC
Brian Theaker Middle River Power, LLC
Doug Tucker WECC
Brandon Wilde WECC
Byron Williamson Tacoma Power
Mark Willis WECC
Haiping Yin Matrix Renewables USA LLC
Esther Yu..... Powerex, Inc.

