

Reliability Risk Committee

Meeting Minutes
Virtual

July 9, 2025

3:00 to 5:00 p.m. Mountain Time (MT)

1. Welcome, Call to Order

Meg Albright, Reliability Risk Committee (RRC) Co-chair, called the meeting to order at 3:00 p.m. MT on July 9, 2025. A quorum was present to conduct business. A list of attendees is attached as Exhibit A.

2. Review WECC Antitrust Policy

Maya Brimhall, Administrative Coordinator, read aloud the WECC Antitrust Policy statement. The policy can be found on wecc.org.

3. Approve Agenda

M. Albright introduced the proposed meeting agenda.

The 2025-07-09 RRC Agenda was amended as follows:

- The presenter for the ECC Expansion Update was changed to Steve Ashbaker, WECC;
- Day 2—July 10, 2025, was added with the appropriate links to access the Webex;
- All approval items were moved to Day 2—July 10, 2025.

By consensus, the RRC approved the agenda.

4. Review Previous Action Items

T. Reynolds reviewed action items carried over from the RRC meeting on February 18, 2025. Action items that are not closed and will be carried forward can be found on wecc.org.

5. ECC Expansion Update

Steve Ashbaker, Reliability Initiatives Director, provided a quick ECC Expansion update.

6. 2024 Wildfire Data Request Update

S. Ashbaker presented the 2024-2025 Wildfire Data Analysis to the RRC.

7. Standards Update

Donovan Crane, Senior Standards Engineer, provided an update on the NERC/WECC Standards happenings.

8. Risk Process Update

Scott Brooksby, Senior Cybersecurity Risk Advisor, Mark Willis, Principal Engineer, and T. Reynolds updated the RRC on the risk process, treatment tracker, and related website changes.

9. Adjourn Day 1

M. Albright adjourned Day 1 without objection at 4:46 p.m. MT.

Day 2—July 10, 2025

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

10. Risk Reduction Treatment Discussion

S. Brooksby and M. Willis engaged in a discussion with RRC members about the six risks identified for reduction at the February 2025 RRC meeting.

11. Review Previous Meeting Minutes

M. Albright introduced the minutes of the meeting on February 18, 2025.

By consensus, the RRC approved the minutes of the meeting on February 18, 2025.

12. Digital Circuits Synch Guide

T. Reynolds shared the document and M. Albright called for a vote on the Digital Circuits Synch Guide. The RRC unanimously approved the Digital Circuit Synch Guide.

Approval Item: Digital Circuits Synch Guide

By consensus, the RRC approved the Digital Circuit Synch Guide.

13. Merchant Alert Protocol Document

T. Reynolds shared the history of the Merchant Alert Protocol document and explained the reasons why the document was up for retirement. M. Albright called for a vote, and the RRC unanimously approved the retirement of the Merchant Alert Protocol document effective October 1, 2025.

Approval Item: Retirement of the Merchant Alert Protocol document effective October 1, 2025

By consensus, the RRC approved the retirement of the Merchant Alert Protocol document effective October 1, 2025.

14. Open Discussion

There were no comments for open discussion.

15. Review New Action Items

- Check in with ambient adjusted rate task force to determine potential treatment plans.
 - Assigned To: Greg Park



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- Due Date: August 15, 2025
 - Gather information concerning wind events.
 - Assigned To: Ansley Kulseng-Hansen
 - Due Date: August 15, 2025

16. Review Upcoming Meetings

October 21–22, 2025Salt Lake City, Utah

17. Adjourn

M. Albright adjourned the meeting without objection at 10:28 a.m. MT.



Exhibit A: Attendance List

Members in Attendance

Margaret Albright Bonneville Power Administration—Transmission
Eric Baran Western Interstate Energy Board
Robert Bray Arizona Electric Power Cooperative, Inc. (Arizona G&T Cooperatives)
Tanner Brier Bonneville Power Administration
Toxie Burriss Modesto Irrigation District
Garrett Colkitt Public Utility District No. 1 of Cowlitz County
Kevin Conway Western Power Pool
Jeff Dagle Pacific Northwest National Laboratory
Matt Garcia Imperial Irrigation District
Mark Hackney Open Access Technology International
Angela Hall Pend Oreille County PUD #1
Raj Hundal Powerex, Inc.
Richard Hydzik Avista Corporation
Michael Jang Seattle City Light
Anish Joshi Transmission Agency of Northern California
Mario Kiresich Southern California Edison Company
Ansley Kulseng-Hansen NorthWestern Energy
Matthew Kura Arizona Public Service Company
Lenin Maran Sacramento Municipal Utility District
Jakob Mawdsley MATL Canada L.P.
Brian McGuirk Portland General Electric Company
Luz Ramos El Paso Electric Company
Tim Reynolds WECC
Sam Rugel Tucson Electric Power
Sonseeahray Thayer Arizona Power Authority
Chifong Thomas Thomas Grid Advisor
Quinten Ziegler Transmission Agency of Northern California

Members not in Attendance

Rachel Allen Tacoma Power
Nathan Anderson Public Utility District No. 2 of Grant County
Sharmen Andrew MATL Canada L.P.
Rahul Anilkumar Quanta Technology, LLC
Ruben Arredondo Regime LLC
Sina Baghsorkhi Grid Numerics
Daniel Baker Southwest Power Pool
Carol Ballantine Platte River Power Authority
Lane Belsher Alberta Electric System Operator
Alex Berres Utilicast L.L.C.



Vanith Biddappa..... Pacific Gas and Electric Company
Savina Blackman..... Clearway Energy Operating, LLC (NRG)
Tim Bodell..... FortisBC, Inc.
Marian Bonar Gallatin Power Partners, LLC
Brad Bouillon California Independent System Operator
Adam Bow Arizona Public Service Company
Benjamin Brandt..... Idaho Power Company
Jennifer Bray Arizona Electric Power Cooperative, Inc. (Arizona G&T Cooperatives)
Erik Brookhouse PacifiCorp
Darren Buck Platte River Power Authority
Thomas Burns PacifiCorp Merchant Function
Abel Bustillos..... El Paso Electric Company
Zac Canders DataCapable Inc.
James Carkulis..... Cat Creek Energy, LLC
Kris Carper Arizona Electric Power Cooperative, Inc. (Arizona G&T Cooperatives)
Holly Chaney..... Public Utility District No. 1 of Snohomish County
Brenda Compton NV Energy
Alireza Daneshpooy Quanta Technology, LLC
Lisa DeCarlo California Energy Commission
Dennis Desmarais Copia Power DevCo, LLC
Kathee Downey PacifiCorp
Robert Edwards..... Hetch Hetchy Water and Power
Kirsten Eliassen..... Gallatin Power Partners, LLC
Sandra Ellis..... Pacific Gas and Electric Company
Benjamin Engelby..... Arizona Electric Power Cooperative, Inc. (Arizona G&T Cooperatives)
John Flaherty..... Eligius LLC
Zea Flores Western Area Power Administration
Antonio Franco..... Gridforce Energy Management, LLC
Jordy Fuentes..... Arizona Power Authority
Jason Fuller Pacific Northwest National Laboratory
Anish Gaikwad..... Electric Power Research Institute
Ken Gelsinger FortisBC, Inc.
Robert Gonzales..... Hetch Hetchy Water and Power
Daniel Graham..... Basin Electric Power Cooperative
Michael Granath..... Bonneville Power Administration
Allen Green U.S. Army Corps of Engineers, Portland District
Ernie Griggs Cascade Renewable Transmission, LLC
Christina Hajny U.S. Army Corps of Engineers, Portland District
Ryan Hancock Grid Subject Matter Experts
Nadine Hanhan..... Oregon Public Utility Commission
Margaret Hannaford Hetch Hetchy Water and Power
Johanna Hanson Washington Department of Commerce - State Energy Office

David Hardy Tri-State Generation & Transmission–Power Management Division
Eric Hartruft Idaho Power Company
Jennine Hinkle City of Riverside
Chris Hofmann Sacramento Municipal Utility District
Ross Hohlt DesertLink, LLC
Brian Holmes Utilicast L.L.C.
Ian Homer British Columbia Utilities Commission
Michael Houglum Tri-State Generation and Transmission–Reliability
Nicole Hughes Renewable Northwest
Beson Hwang City of Pasadena
CJ Ingersoll Gridforce Energy Management, LLC
Linda Jacobson-Quinn Farmington Electric Utility System
Harley Johnson Tacoma Power
Mike Johnson Pacific Gas and Electric Company
Justin Joiner TransCanyon LLC
Vicken Kasarjian MCE
Scott Kaufmann NV Energy
Tim Kedis Southern California Edison Company
Robert Kerrigan Los Angeles Department of Water and Power
Cathy Kim Copia Power DevCo, LLC
Eli King Washington Department of Commerce - State Energy Office
Pranav Kishore Burns & McDonnell (1898 and Co.)
Daniel Koppes PacifiCorp
Luca Kovacic Direct Energy Business Marketing, LLC
Adam Labuga Turlock Irrigation District
Josh Langer I2R Grid Solutions, Inc
Jarret Leason FortisBC, Inc.
Larry Leib Cat Creek Energy, LLC
Daniel Leon Power Systems Consultants, Inc.
John Liang Public Utility District No. 1 of Snohomish County
Ashley Llacuna San Diego Gas and Electric
Jessica Lopez Arizona Public Service Company
Les MacLaren British Columbia Ministry of Energy and Mines
Mike Magruder Avista Corporation
Nicole Manalili British Columbia Utilities Commission
Jessica Markovich Eugene Water & Electric Board
Jesus Martinez City of Riverside
Jose Martinez Salt River Project
John D. Martinsen Public Utility District No. 1 of Snohomish County
Alan Masters Public Service Company of Colorado (Xcel Energy)
Denton McGregor Black Hills Corporation
Denton McGregor Black Hills Corporation



Jeremiah McKnellyCity of Redding
Andrew Meyers Bonneville Power Administration—Transmission
Parag Mitra Electric Power Research Institute
Wesley Murar PacifiCorp
Jens Nedrud Puget Sound Energy, Inc.
Josh NethertonCity of Redding
John Nierenberg Tacoma Power
Kavya Niranjana Renewable Northwest
Mike Nitido Tucson Electric Power
Silvia Parada-Mitchell NextEra Energy Resources, LLC
Mateusz PenaDelta-Montrose Electric Association
Scott Perhus Black Hills Corporation
Mike Pfeister Salt River Project
Cuong Phan Eurowind Energy
Mike RamseyCalifornia Department of Water Resources
Scott Ranzal Pacific Gas and Electric Company
Ata Rehman Alberta Electric System Operator
Michael Rein Public Service Company of Colorado (Xcel Energy)
Jay Robertson Direct Energy Business Marketing, LLC
Paul Rodriguez Imperial Irrigation District
Robert Romero Tri-State Generation and Transmission—Reliability
John Roukema Transmission Agency of Northern California
Warren Rust Colorado Springs Utilities
Nader Samaan Pacific Northwest National Laboratory
Mandip Samra City of Burbank
Andrew Scates San Diego Gas and Electric
Emily Schneider Valley Electric Association, Inc.
Allen Schriver NextEra Energy Resources, LLC
Nick Schwarzbach DesertLink, LLC
Jeremy Severson Basin Electric Power Cooperative
Masoud Shafa California Department of Water Resources
Ruchi Shah AES Corporation
Wei Shao Sacramento Municipal Utility District
Jiya Shoaib British Columbia Ministry of Energy and Mines
Mike Simonton Western Area Power Administration
Tony Skourtas Los Angeles Department of Water and Power
Joe Skubisz Eligius LLC
Matt Smelser Imperial Irrigation District
Cory Smith Quanta Technology, LLC
Robert Smith TransCanyon LLC
Sachin Soni I2R Grid Solutions, Inc
Heather Sorensen Public Utility District No. 1 of Cowlitz County

Evan Sorrell.....	Puget Sound Energy, Inc.
Rick Spyker	AltaLink Management Ltd.
Jonathan Stahlhut.....	TransCo Energy, LLC
Asher Steed	British Columbia Hydro and Power Authority
Dede Subakti	California Independent System Operator
James Thompson	First-Light Energy
Aidan Touhy.....	Electric Power Research Institute
Shauna Tran	Puget Sound Energy, Inc.
Stina Trast	Eurowind Energy
Matthew Truscott.....	Public Utility District No. 2 of Grant County
Rick Vail	PacifiCorp
Guy Van Uytven	Guy Van Uytven
Luis Vicente	El Paso Electric Company
John Walker.....	Portland General Electric Company
Dan Walter	Tri-State Generation & Transmission–Power Management Division
Lowell Watros.....	Grid Subject Matter Experts
Steve Wickel	Public Utility District No. 1 of Chelan County
Scott Winner	Bonneville Power Administration–Transmission
Rob Witham	Public Utility District No. 1 of Chelan County
Ali Yari.....	San Diego Gas and Electric
Jessica Zamonis	Western Power Pool
Theodore Zeiss	Los Angeles Department of Water and Power
Karl Zimmerman	First-Light Energy
Assef Zobian	Cambridge Energy Solutions

Others in Attendance

Grace Anderson	Unaffiliated
Steve Ashbaker	WECC
Maya Brimhall.....	WECC
Scott Brooksby	WECC
Donovan Crane.....	WECC
Enoch Davies	WECC
ChaRee DiFabio.....	Western Power Pool
Matt Evans.....	WECC
Dave Grover	WECC
James Hanson	WECC
Gene Henneberg	NV Energy
Toni Hoang	Sacramento Municipal Utility District
Curtis Holland.....	WECC
Vic Howell.....	WECC
Luis Leon	Arizona Public Service Company
Chelsea Loomis.....	Western Power Pool



Jerry Melcher..... California Public Utilities Commission
Melissa Morales..... Tucson Electric Power
Greg Park WECC
Bert Peters WECC
Katie Rogers WECC
Jose Ruiz El Paso Electric Company
Rachel Schuldt..... Black Hills Corporation
Danielle Smith Sacramento Municipal Utility District
Brian Theaker Middle River Power, LLC
Jerod Vandehey Public Utility District No. 1 of Cowlitz County
Alan Wahlstrom..... Southwest Power Pool
Byron Williamson Tacoma Power
Mark Willis WECC

