## Welcome, Call to Order

Dede Subakti, Reliability Risk Committee (RRC) Co-Chair, called the meeting to order at 1:00 p.m. MT on February 18, 2025. A quorum was present to conduct business. A list of attendees is attached as Exhibit A.

## Review WECC Antitrust Policy

Tim Reynolds, Reliability Risk Management Director, read aloud the WECC Antitrust Policy statement. The policy can be found on wecc.org.

## Approve Agenda

D. Subakti introduced the proposed meeting agenda.

**The 2025-02-18 RRC Agenda was amended as follows:**

* “Break” after Item 3 was removed;
* The presenter for Item 7 was changed from Donovan Crane to Steve Rueckert;
* Day 2 was removed;
* Item 9, “Risk Mitigation Decision Part 1”, and Item 10, “Risk Mitigation Decision Part 2”, were combined into one topic, “Risk Mitigation Decision”;
* Item 11, “Extreme Weather Workshop”, was removed.

**By consensus, the RRC approved the agenda.**

## Review and Approve Previous Meeting Minutes

D. Subakti introduced the minutes from the meeting on October 16-17, 2025.

**By consensus, the RRC approved the minutes from October 16-17, 2025.**

## Review Previous Action Items

Maya Brimhall, Administrative Coordinator, reviewed action items carried over from the RRC meeting on October 17, 2025. Action items that are not closed and will be carried forward can be found in the Quick Links section of the RRC page on the WECC website.

## Western Interconnection Congestion Management (ECC Expansion)

Alex Watkins, Southwest Power Pool, updated the RRC on the Western Interconnection Congestion Management and the ECC Expansion. A. Watkins shared the NAESB meetings schedule and encouraged anyone interested in joining the meetings to contact him.

## Reliability Standards Update and Impacts

Steve Rueckert, Standards Director, presented on reliability standards updates and impacts. He discussed current WECC activities, current NERC activities, and the Standards Committee’s involvement in the Standards Development Process.

The presentation can be found on the WECC website.

## Telecommunications Vulnerability Discussion

Daniel Koppes, PacifiCorp, led a discussion concerning U.S. telecommunications system vulnerability. He shared the risks facing U.S. telecommunications infrastructure, the cyber-attack PacifiCorp response currently in place, and PacifiCorp’s plan to maintain communications in a situation where total loss of telecommunications fail. The RRC requested that this topic be taken to the WECC’s TCOMS and Cyber Security Forum for discussion.

The presentation can be found on the WECC website.

## Risk Mitigation Decision

Scott Brooksby, Senior Cyber Risk Advisor, and Mark Willis, Principal Risk Specialist, presented on the risk mitigation decision process. S. Brooksby introduced eight extreme natural events and seven miscellaneous risks. The RRC participated in Slido polling for each risk treatment option.

The presentation and risk register can be found on the WECC website.

## Three-Year Work Plan Review

The Three-Year Work Plan item owners were not in attendance, so T. Reynolds took an action item to obtain written updates by the end of March 2025.

The Three-Year Work Plan can be found in the Quick Links section of the RRC page on the WECC website.

## Public Comment

No comments were made.

## Review New Action Items

* Obtain Three-Year Work Plan written updates
	+ Assigned To: Tim Reynolds
	+ Due Date: March 31, 2025

## Upcoming Meetings

July 9–10, 2025 Virtual

October 21–22, 2025 Salt Lake City, Utah

## Adjourn

D. Subakti adjourned the meeting without objection at 4:27 p.m.

## **Exhibit A: Attendance List**

### Members in Attendance

Margaret Albright Bonneville Power Administration—Transmission

Grace Anderson California Energy Commission

Eric Baran Western Interstate Energy Board

Alex Berres Utilicast L.L.C.

Tanner Brier Bonneville Power Administration

Toxie Burriss Modesto Irrigation District

Kevin Conway Western Power Pool

Jeff Dagle Pacific Northwest National Laboratory

Cory Danson Western Area Power Administration

Mark Hackney Open Access Technology International

Angela Hall Pend Oreille County PUD #1

Tim Kedis Southern California Edison Company

Robert Kerrigan Los Angeles Department of Water and Power

Mario Kiresich Southern California Edison Company

Daniel Koppes PacifiCorp

Ansley Kulseng-Hansen NorthWestern Energy

Nicole Manalili British Columbia Utilities Commission

John D. Martinsen Public Utility District No. 1 of Snohomish County

Tim Reynolds WECC

Sam Rugel Tucson Electric Power

Emily Schneider Valley Electric Association, Inc.

Asher Steed British Columbia Hydro and Power Authority

Dede Subakti California Independent System Operator

Chifong Thomas Thomas Grid Advisor

Luis Vicente El Paso Electric Company

Rob Witham Public Utility District No. 1 of Chelan County

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

Jonathan Aust Western Area Power Administration

Sina Baghsorkhi Grid Numerics

Daniel Baker Southwest Power Pool

Carol Ballantine Platte River Power Authority

Lane Belsher Alberta Electric System Operator

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

Diane Brandt Renewable Northwest

Jennifer Bray Arizona Electric Power Cooperative, Inc. (Arizona G&T Cooperatives)

Robert 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

Antonio Franco Gridforce Energy Management, LLC

Jordy Fuentes Arizona Power Authority

Jason Fuller Pacific Northwest National Laboratory

Anish Gaikwad Electric Power Research Institute

Matt Garcia Imperial Irrigation District

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

Raj Hundal Powerex, Inc.

Beson Hwang City of Pasadena

Richard Hydzik Avista Corporation

CJ Ingersoll Gridforce Energy Management, LLC

Linda Jacobson-Quinn Farmington Electric Utility System

Michael Jang Seattle City Light

Harley Johnson Tacoma Power

Mike Johnson Pacific Gas and Electric Company

Justin Joiner TransCanyon LLC

Anish Joshi Transmission Agency of Northern California

Vicken Kasarjian MCE

Scott Kaufmann NV Energy

Cathy Kim Copia Power DevCo, LLC

Eli King Washington Department of Commerce - State Energy Office

Pranav Kishore Burns & McDonnell (1898 and Co.)

Luca Kovacic Direct Energy Business Marketing, LLC

Matthew Kura Arizona Public Service Company

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

Lenin Maran Sacramento Municipal Utility District

Jessica Markovich Eugene Water & Electric Board

Jesus Martinez City of Riverside

Jose Martinez Salt River Project

Alan Masters Public Service Company of Colorado (Xcel Energy)

Jakob Mawdsley MATL Canada L.P.

Denton McGregor Black Hills Corporation

Denton McGregor Black Hills Corporation

Brian Mcguirk Portland General Electric Company

Jeremiah McKnelly City of Redding

Megan Melham CP Energy Marketing (US) Inc.

Andrew Meyers Bonneville Power Administration—Transmission

Parag Mitra Electric Power Research Institute

Wesley Muir PacifiCorp

Jens Nedrud Puget Sound Energy, Inc.

Josh Netherton City of Redding

John Nierenberg Tacoma Power

Mike Nitido Tucson Electric Power

Silvia Parada-Mitchell NextEra Energy Resources, LLC

Mateusz Pena Delta-Montrose Electric Association

Scott Perhus Black Hills Corporation

Mike Pfeister Salt River Project

Cuong Phan Eurowind Energy

Luz Ramos El Paso Electric Company

Mike Ramsey California 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

Gretchen Schott Clearway Energy Operating, LLC (NRG)

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

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

Evan Sorrell Puget Sound Energy, Inc.

Rick Spyker AltaLink Management Ltd.

Jonathan Stahlhut TransCo Energy, LLC

Sonseeahray Thayer Arizona Power Authority

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

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

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

Steve Ashbaker WECC

Kyle Bensley El Paso Electric Company

Aseem Bhatia California Department of Water Resources

Maya Brimhall WECC

Scott Brooksby WECC

Garrett Colkitt Public Utility District No. 1 of Cowlitz County

Donovan Crane WECC

Enoch Davies WECC

Mario Delgado El Paso Electric Company

Val Estrada El Paso Electric Company

Toni Hoang Sacramento Municipal Utility District

Vic Howell WECC

Tim Kendziorski NV Energy

Sarah Lewis WECC

Monika Montez California Independent System Operator

Katie Rogers WECC

Steve Rueckert WECC

Shane Sanders Arizona Electric Power Cooperative, Inc. (Arizona G&T Cooperatives)

Brian Theaker Middle River Power, LLC

Jerod Vandehey Public Utility District No. 1 of Cowlitz County

Juan Vicente El Paso Electric Company

Alex Watkins Southwest Power Pool

Byron Williamson Tacoma Power

Mark Willis WECC

Rebecca Zahler Public Utility District No. 1 of Chelan County