



Reliability Assessment Committee
DRAFT Meeting Minutes
May 19, 2023
Virtual

1. Welcome, Call to Order

Chelsea Loomis, Reliability Assessment Committee (RAC) Chair, called the meeting to order at 9:32 a.m. MT on May 19, 2023. 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 meeting agenda included a link to the posted policy.

3. Approve Agenda

Ms. Loomis introduced the proposed meeting agenda.

On a motion by Chelsea Loomis, the RAC approved the agenda.

4. Committee Categorization Review

Mr. Davies introduced the purpose behind the committee restructure.

5. RAC Subgroup Charters

Ms. Loomis presented the following updated charters.

- [Studies Subcommittee Charter \(StS\)](#);
- [Short-Circuit Modeling Task Force Charter \(SCMTF\)](#);
- [System Review Subcommittee Charter \(SRS\)](#);
- [Production Cost Model Data Subcommittee Charter \(PCDS\)](#); and
- [Underfrequency Load Shedding Work Group Charter \(UFLSWG\)](#)

On a motion by Janice Zewe, the RAC approved the charters.

6. Public Comment

No comments were made.



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7. Review New Action Items

There were no new action items created during this meeting.

8. Upcoming Meetings

June 27–28, 2023 Salt Lake City, UT

October 24–26, 2023 Virtual

9. Adjourn

Ms. Loomis adjourned the meeting without objection at 9:58 a.m.



Exhibit A: Attendance List

Members in Attendance

Robin Arnold..... Renewable Northwest
Hamid Atighechi Powerex, Inc.
Allison Aud-Hill Southern California Edison Company
Eric Bahr.....NorthWestern Energy
Aseem Bhatia.....California Department of Water Resources
Alexis CortezTransmission Agency of Northern California
Jonathon Flores Los Angeles Department of Water and Power
Jeff HansonColorado Springs Utilities
Johanna Hanson..... Washington Department of Commerce—State Energy Office
Mike Johnson..... Pacific Gas and Electric Company
Peter Jones Puget Sound Energy, Inc.
Josh LaurandeauNorthWestern Energy
Chelsea LoomisWestern Power Pool
Richard MaguirePublic Utility District No. 2 of Grant County
Valeriy Jr. Oleshko..... Western Area Power Administration
Steve Schaarschmidt.....Colorado Springs Utilities
Erik Schellenberg.....Idaho Power Company
Masoud Shafa.....California Department of Water Resources
Chifong Thomas Thomas Grid Advisor
Joanna Yang.....Puget Sound Energy, Inc.
Janice Zewe..... Sacramento Municipal Utility District

Members not in Attendance

Sharmen Andrew.....MATL Canada L.P.
Ravi AggarwalBonneville Power Administration—Transmission
Jamie AustinPacifiCorp
Nathan Barcic.....California Public Utilities Commission



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John ArmentaFarmington Electric Utility System
Paul Arnold EnTranTek LLC
Philip Augustin.....Salt River Project
Ehsan Azordegan Kinectrics US
Ian Beil.....Portland General Electric Company
Chris Benson..... Cascade Renewable Transmission, LLC
Constance BergmarkImperial Irrigation District
Charles Berry City of Lompoc
Mitchell BetonieFarmington Electric Utility System
Scott BeyerWestern Power Pool
Jeffrey BillintonCalifornia Independent System Operator
Savina Blackman.....Clearway Energy Operating, LLC (NRG)
Brett Bodine Turlock Irrigation District
Chad Bowman..... Public Utility District No. 1 of Chelan County
Lindsay BriggsBlack Hills Corporation
Marcus Brown.....NaturEner USA, LLC
Jeremy Brownrigg..... Platte River Power Authority
Shawn CarlsonBasin Electric Power Cooperative
Thomas Carr..... Western Interstate Energy Board
Andrew ChankoGuzman Power Markets, LLC
Tim Cherry Metropolitan Water District of Southern California
Tom Christensen..... Basin Electric Power Cooperative
Dennis DesmaraisCopia Power DevCo, LLC
Dennis DesmaraisCopia Power DevCo, LLC
Bryce DiningerCentral Arizona Water Conservation District
Gordon Dobson-Mack..... Powerex, Inc.
Rodica Donaldson EDF Renewable Energy
Thomas DuanePublic Service Company of New Mexico



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Jared Ellsworth.....Idaho Power Company
Greg Engels British Columbia Utilities Commission
Shaun Foster.....Portland General Electric Company
Biju GopiCalifornia Independent System Operator
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
Ryan HancockGrid Subject Matter Experts
Nadine Hanhan.....Oregon Public Utility Commission
David Hartman Arizona Electric Power Cooperative, Inc. (Arizona G&T Cooperatives)
Jonathan HayesSouthwest Power Pool
Fred Heutte..... NW Energy Coalition
Bill Hosie..... PSI Power System Innovation Corp.
Ryan Hubbard..... Tri-State Generation and Transmission—Reliability
Rhett Hurless..... Absaroka Energy, LLC
Ben HutchinsPower System Consultants, Inc.
Richard Jackson..... U.S. Bureau of Reclamation
Robert Jackson..... Burns & McDonnell (1898 and Co.)
Harley Johnson Tacoma Power
Holly Johnson.....City of Redding
Lorissa Jones.....Bonneville Power Administration—Transmission
Robert Jones..... Seattle City Light
Lesley Kayser-Sprouse..... Hetch Hetchy Water and Power
Cathy Kim..... Copia Power DevCo, LLC
Eli King..... Washington Department of Commerce—State Energy Office



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Ruth Kloecker..... ITC Grid Development, LLC
John Kyei..... TransCo Energy, LLC
Mike Larsen..... Public Utility District No. 1 of Cowlitz County
Justin Lee..... Salt River Project
John Leland..... Northern Tier Transmission Group
Daniel Leon Power System Consultants, Inc.
John Liang..... Public Utility District No. 1 of Snohomish County
Todd Lichtas..... Tucson Electric Power
Patrick Ma..... Energy Exemplar, LLC
Peter Mackin..... GridBright, Inc.
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
Pete Mensonides..... Turlock Irrigation District
Keegan Moyer Energy Strategies
Julie Myerholtz..... First Solar
Ramya Nagarajan DesertLink, LLC
George Nail..... Public Service Company of New Mexico
Tyler Nice..... Eugene Water & Electric Board
John Nierenberg..... Tacoma Power
Mike Nitido Tucson Electric Power
Andrey Olennikov..... Portland General Electric Company



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Vishal Patel Southern California Edison Company
Dave Peck California Public Utilities Commission, Office of Ratepayer Advocates
Mateusz Pena Delta-Montrose Electric Association
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)
Marco Rios Pacific Gas and Electric Company
Rob Robertson..... Leeward Renewable Energy, LLC
Philip Roice..... Pend Oreille County PUD #1
Tracy Rolstad..... Public Utility District No. 2 of Grant County
Sam Rugel Tucson Electric Power
Faranak Sarbaz..... Los Angeles Department of Water and Power
Matt Scheppers..... Platte River Power Authority
Tim Schiermeyer Transmission Agency of Northern California
Gretchen Schott..... Clearway Energy Operating, LLC (NRG)
Tom Siegel Longroad Energy Holdings, LLC
Hari Singh..... Public Service Company of Colorado (Xcel Energy)
Robert Smith..... TransCanyon LLC
Alejandro Solis El Paso Electric Company
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



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Holly Taylor Western Interstate Energy Board
James Thompson First-LightEnergy
Mark Thompson TransCanada Energy Ltd.
David Tovar..... El Paso Electric Company
Gary Trent..... Tucson Electric Power
Edwin Tso Metropolitan Water District of Southern California
Boris Tumarin..... Arizona Electric Power Cooperative, Inc. (Arizona G&T Cooperatives)
Guy Van Uytven Guy Van Uytven
Darrel G. VanCoevering EnTranTek LLC
Jerod Vandehey Public Utility District No. 1 of Cowlitz County
Pushkar Wagle Flynn Resource Consultants, Inc.
Jonathan Walcott..... Delta-Montrose Electric Association
Song Wang..... Portland General Electric Company
Jeffery Watkins..... NV Energy
Lowell Watros Grid Subject Matter Experts
Steve Wickel Public Utility District No. 1 of Chelan County
David Wiley..... Arizona Public Service Company
Kenneth Wilson Siemens Energy, Inc.
Scott Wilson..... Avista Corporation
Wes Wingen Black Hills Corporation
David Withrow California Public Utilities Commission
Jeff Wyman ITC Grid Development, LLC
Chris Yoon Seattle City Light
Brian Young..... Central Arizona Water Conservation District
Nick Zettel City of Redding
Kevin Zhang British Columbia Hydro and Power Authority
Karl Zimmerman First-LightEnergy



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Others in Attendance

Chris AlbrechtWECC
Marian Bonar..... Gallatin Power Partners
Enoch DaviesWECC
Kristen Eliassen..... Gallatin Power Partners
Nicole LeeWECC
Saad MalikWECC
Katie RogersWECC
Yi Zhang.....California Independent System Operator

