

Underfrequency Load Shedding Work Group

Meeting Minutes

Virtual

May 13, 2025

2:00 to 3:30 p.m. Mountain Time

1. Welcome, Call to Order

Robby Anderst, Underfrequency Load Shedding Work Group (UFLSWG) Chair, called the meeting to order at 2:00 p.m. MT on May 13, 2025. A quorum was present to conduct business. A list of attendees is attached as Exhibit A.

2. Review WECC Antitrust Policy

Tyson Niemann, Staff Engineer, read aloud the WECC Antitrust Policy statement. The policy can be found on wecc.org.

3. Approve Agenda

R. Anderst introduced the proposed meeting agenda.

By consensus, the UFLSWG approved the agenda.

4. Review and Approve Previous Meeting Minutes

R. Anderst introduced the minutes from the meeting on April 8, 2025.

By consensus, the UFLSWG approved the minutes from April 8, 2025.

5. Review Previous Action Items

Daja Bell, Administrative Coordinator, reviewed action items carried over from the UFLSWG meeting on April 8, 2025. Action items that are not closed and will be carried forward can be found on wecc.org.

6. SAR Process Update

Donovan Crane, Senior Engineer, updated the UFLSWG on the SAR process and the next steps for the SAR.

7. PRC-006 Workflow

T. Niemann discussed the workflow for the PRC-006 data request and answered questions on the submission process.

8. WECC RAS-1 Split Discussion

Zach Zornes, Public Utility District No. 1 of Chelan County, discussed the WECC RAS-1 split with the work group. Angel Aquino, PowerWorld Corporation, will test the WECC RAS-1 separation and generation imbalance.

9. Base Case for Assessment Discussion

A. Aquino discussed Base Case for assessments with the work group.

10. Assessment Update

Z. Zornes and A. Aquino updated the committee on underfrequency load shedding assessment.

11. Public Comment

No comments were made.

12. Review New Action Items

- Test the WECC RAS-1 separation and generation imbalance.
 - Assigned To: Angel Aquino
 - Due Date: June 10, 2025

13. Review Upcoming Meetings

June 10, 2025..... Virtual

July 8, 2025 Virtual

14. Adjourn

R. Anderst adjourned the meeting without objection at 3:31 p.m.

Exhibit A: Attendance List

Members in Attendance

Robby Anderst Puget Sound Energy, Inc.
Angel Aquino PowerWorld Corporation
Lixin Bao British Columbia Hydro and Power Authority
Nathan Bean Southwest Power Pool
Michael Cabida Platte River Power Authority
Daniel Cervantes Los Angeles Department of Water and Power
Manuelito Chief Tucson Electric Power
Tomas Espinosa Western Area Power Administration
Curt Feinberg Tri-State Generation and Transmission—Reliability
Christopher Fuchs California Independent System Operator
Tamarra Hardie Public Utility District No. 1 of Chelan County
Mensur Haskovic Western Area Power Administration
Collin Heist Idaho Power Company
Guanji Hou Arizona Public Service Company
Eric Hy Los Angeles Department of Water and Power
James Keller Western Area Power Administration - Rocky Mountain Region
Jordan Keomanivanh Portland General Electric Company
Christopher Lamb Public Utility District No. 1 of Chelan County
Ralph Liu Alberta Electric System Operator
Andrew McNaughton Public Service Company of New Mexico
Nima Miri Seattle City Light
Mark Pigman Tacoma Power
Karen Reedy Public Service Company of New Mexico
Jarrett Rieman Black Hills Corporation
Rene Romo de Santos California Independent System Operator
Daniel Sampedro Imperial Irrigation District
Milton Savier Pacific Gas and Electric Company
Matt Scheppers Platte River Power Authority
Kevin Sikes PacifiCorp
Matt Twardy Public Service Company of Colorado (Xcel Energy)
GuiHua Wang British Columbia Hydro and Power Authority
Martin Caro-Garcia Los Angeles Department of Water and Power

Members not in Attendance

Alejandro Castro El Paso Electric Company
Dennis Chesnakov Public Utility District No. 2 of Grant County
Roberto Favela El Paso Electric Company
Alex Ford NV Energy
Angie Giang Southern California Edison Company



Jeff Hanson Colorado Springs Utilities
Ben Hutchins Western Power Pool
Jay Largo Bonneville Power Administration
Todd Lichtas Tucson Electric Power
Kimberly McIntyre Portland General Electric Company
Tyler Meroth NV Energy
Amir Mohammednur Southern California Edison Company
Tyler Pearce Arizona Electric Power Cooperative, Inc. (Arizona G&T Cooperatives)
Patrick Perry Idaho Power Company
Eric Raatz Tucson Electric Power
Anthony Rendon Salt River Project
Eric Sanchez Tucson Electric Power
Prabal Singh Sacramento Municipal Utility District
Rick Torres Imperial Irrigation District
Rishi Ramesh Undkatt Los Angeles Department of Water and Power
Richard Vega Los Angeles Department of Water and Power
Siyuan Wang Southern California Edison Company
Song Wang Portland General Electric Company

Others in Attendance

Kristen Alves Turlock Irrigation District
Daja Bell WECC
Donovan Crane WECC
Josh Laurandeau NorthWestern Energy
Tyson Niemann WECC
Benjamin Rodriguez WECC
Nestor Sandoval British Columbia Hydro and Power Authority
Jennie Wike Tacoma Power
Jillian Winkler Avista Corporation
Zach Zornes Public Utility District No. 1 of Chelan County

