

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 August 23, 2024. 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 meeting agenda included a link to the posted policy.

3. Approve Agenda

Mr. Anderst introduced the proposed meeting agenda.

By consensus, the UFLSWG approved the agenda.

4. Review and Approve Previous Meeting Minutes

Mr. Anderst introduced the minutes from the meeting on May 14, 2024.

By consensus, the UFLSWG approved the minutes from May 14, 2024.

5. Review Previous Action Items

Daja Bell reviewed action items carried over from the UFLSWG meeting on May 14, 2024.

Action items that are not closed and will be carried forward can be found [here](#).

6. UFLS Assessment Update

Mr. Anderst provided an update on the CAISO cost sharing agreement contract. Angel Aquino reviewed the armed load calculations in the Underfrequency Load Shedding (UFLS) assessment with the work group. Mr. Niemann will report the missing UFLS data in the Steady-state and Dynamics Dashboard (SADD). Mr. Anderst, Mr. Niemann, and Kent Bolton, Senior Engineer, will email the LSDT9 and V/HZ violations to be reviewed by each entity. Ms. Bell and Mr. Bolton will schedule a UFLSWG meeting for August 27, 2024. Mr. Bolton will coordinate with the System Review Subcommittee (SRS) to see whether the SRS chair and liaison can attend the August 27, 2024, meeting.

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7. Public Comment

No comments were made.

8. Review New Action Items

- Report the missing UFLS data in the SADD.
 - Assigned To: Tyson Niemann
 - Due Date: September 10, 2024
- Email LSDT9 and V/HZ violations to be reviewed by each entity.
 - Assigned To: Robby Anderst, Kent Bolton, Tyson Nieman, ULSWG
 - Due Date: August 27, 2024
- Schedule UFLSWG meeting for August 27, 2024.
 - Assigned to: Daja Bell, Kent Bolton
 - Due Date: August 27, 2024
- Coordinate SRS leadership coming to August 27, 2024, UFLSWG meeting.
 - Assigned to: Kent Bolton
 - Due Date: August 27, 2024

9. Upcoming Meetings

September 10, 2024 Virtual

10. Adjourn

Mr. Anderst adjourned the meeting without objection at 3:09 p.m.



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Exhibit A: Attendance List

Members in Attendance

Robby Anderst Puget Sound Energy, Inc.
Gary Farmer Western Area Power Administration
Curt Feinberg Tri-State Generation and Transmission—Reliability
Alex Ford NV Energy
Christopher Fuchs California Independent System Operator
Jeff Hanson Colorado Springs Utilities
Christopher Lamb Public Utility District No. 1 of Chelan County
Jay Largo Bonneville Power Administration
Ralph Liu Alberta Electric System Operator
Kimberly McIntyre Portland General Electric Company
Tyler Pearce Arizona Electric Power Cooperative, Inc. (Arizona G&T Cooperatives)
Patrick Perry Idaho Power Company
Mark Pigman Tacoma Power
Karen Reedy Public Service Company of New Mexico
Rene Romo de Santos California Independent System Operator
Milton Savier Pacific Gas and Electric Company
Matt Scheppers Platte River Power Authority
Prabal Singh Sacramento Municipal Utility District
Matt Twardy Public Service Company of Colorado (Xcel Energy)
GuiHua Wang British Columbia Hydro and Power Authority
Kent Bolton WECC

Members not in Attendance

Martin Caro-Garcia Los Angeles Department of Water and Power
Alejandro Castro El Paso Electric Company
Daniel Cervantes Los Angeles Department of Water and Power
Dennis Chesnakov Public Utility District No. 2 of Grant County



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Roberto Favela El Paso Electric Company
Angie Giang..... Southern California Edison Company
Mensur Haskovic..... Western Area Power Administration
Ben Hutchins Western Power Pool
Daniel Johnson Jr. Black Hills Corporation
Anne Kronshage Public Utility District No. 1 of Chelan County
Todd Lichtas..... Tucson Electric Power
Tyler Meroth..... NV Energy
Nima Miri Seattle City Light
Anthony Rendon Salt River Project
Pamela Sporborg..... Portland General Electric Company
Rick Torres..... Imperial Irrigation District
Rishi Ramesh Undkatt Los Angeles Department of Water and Power
Richard Vega..... Los Angeles Department of Water and Power
Song Wang..... Portland General Electric Company
Han Yu British Columbia Hydro and Power Authority

Others in Attendance

Angel Aquino..... Power World
Nathan Bean Southwest Power Pool
Daja Bell WECC
Scott Jordan Southwest Power Pool
Mitchell Miller..... NorthWestern Energy
Tyson Niemann..... WECC
Anthony Taylor..... BHE Renewables

