



Underfrequency Load Shedding Work Group
Meeting Minutes
January 24, 2023
Virtual

1. Welcome, Call to Order

Robby Anderst, Under Frequency Load Shedding Work Group (UFLSWG) Chair, called the meeting to order at 2:00 p.m. MT on January 24, 2023. A quorum was present to conduct business. A list of attendees is attached as Exhibit A.

2. Review WECC Antitrust Policy

Kent Bolton, Senior Reliability Assessment 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 January 10, 2023.

By consensus, the UFLSWG approved the minutes from January 10, 2023.

5. Review Previous Action Items

Nicole Lee, Administrative Coordinator, reviewed action items carried over from the UFLSWG meeting on January 10, 2023. Action items that are not closed and will be carried forward can be found [here](#).

6. UFLSWG Charter

Mr. Bolton presented the UFLSWG Charter. Further research will be done to see if UFLSWG will remain a work group and what the process will be.

The charter is posted to the [WECC website](#).

7. Methodology Document

Mr. Bolton presented the Methodology Document. The UFLSWG discussed creating the document every three years instead of the current two-year process. Mr. Bolton reviewed the recommendations that were received from the UFLSWG. There was a discussion on the 25%



generation load imbalance and the issues that were seen. The UFLSWG will hold an offline meeting to review the recommendations. The UFLSWG discussed using PSLF and there was an issue with tripping generators. Concern was expressed about WECC no longer doing assessments due to a limit on which program they have access to. It was suggested to let Mr. Bolton or Mr. Anderst know which program each organization is currently using. It will be discussed further during the next meeting.

8. Public Comment

No comments were offered.

9. Review New Action Items

- Research if UFLS is staying a work group or changing to a task force.
 - Assigned To: Kent Bolton and Nicole Lee
 - Due Date: February 7, 2023
- Research if the Methodology Assessment can change to every three years instead of two.
 - Assigned To: Kent Bolton
 - Due Date: February 7, 2023
- Discuss offline how to implement the Methodology Document suggested updates and email a red-line version the work group prior to the next meeting.
 - Assigned To: Kent Bolton and Robby Anderst
 - Due Date: February 7, 2023
- Email UFLS and during the next meeting hold a discussion on what program utilities are using.
 - Assigned To: Kent Bolton
 - Due Date: February 7, 2023

10. Upcoming Meetings

February 7, 2023.....Virtual

February 21, 2023.....Virtual

March 7, 2023.....Virtual

11. Adjourn

Mr. Anderst adjourned the meeting without objection at 3:18 p.m.



12. Exhibit A: Attendance List

Members in Attendance

Robby Anderst Puget Sound Energy, Inc.
Scott Beyer Western Power Pool (formerly Northwest Power Pool Corporation)
Daniel Cervantes Los Angeles Department of Water and Power
Gary Farmer Western Area Power Administration
Curt Feinberg Tri-State Generation and Transmission—Reliability
Christopher Fuchs California Independent System Operator
Matthew Gomez Southern California Edison Company
Daniel Johnson Jr. Black Hills Corporation
Todd Lichtas Tucson Electric Power
Ralph Liu Alberta Electric System Operator
Nima Miri Seattle City Light
Tyler Pearce Arizona Electric Power Cooperative, Inc. (Arizona G&T Cooperatives)
Patrick Perry Idaho Power Company
Mark Pigman Tacoma Power
David Quashie Public Utility District No. 1 of Snohomish County
Karen Reedy Public Service Company of New Mexico
Rene Romo de Santos California Independent System Operator
Milton Savier Pacific Gas and Electric Company
Prabal Singh Sacramento Municipal Utility District
Rick Torres Imperial Irrigation District
GuiHua Wang British Columbia Hydro and Power Authority
Han Yu British Columbia Hydro and Power Authority

Members not in Attendance

Dennis Chesnakov Public Utility District No. 2 of Grant County
Fangfang Du PacifiCorp



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Alex Ford NV Energy
Jennifer Galaway Portland General Electric Company
Mensur Haskovic..... Western Area Power Administration
Richard Hydzik..... Avista Corporation
Jay Largo Bonneville Power Administration
Jesus Martinez Imperial Irrigation District
Kimberly McIntyre Portland General Electric Company
Danny Miranda..... Arizona Public Service Company
Atique Rahman Los Angeles Department of Water and Power
Anthony Rendon Salt River Project
Bill Robertson Salt River Project
Hari Singh..... Public Service Company of Colorado (Xcel Energy)
Dwane Small Public Utility District No. 1 of Snohomish County
Dede Subakti California Independent System Operator
Gary Trent..... Tucson Electric Power
Nathan Wilson PacifiCorp
Janice Zewe..... Sacramento Municipal Utility District
Songzhe Zhu..... GridBright, Inc.

Others in Attendance

Kent Bolton WECC
Mike Johnson Jr..... Pacific Gas and Electric Company
Scott Jordan Southwest Power Pool
Anne Kronshage Western Area Power Administration
Nicole Lee WECC
Robin Manuguid..... San Deigo Gas and Electric

