



Underfrequency Load Shedding Work Group

Meeting Minutes

August 8, 2023

Virtual

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 8, 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 Engineer Reliability Assessments, 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 July 11, 2023.

By consensus, the UFLSWG approved the minutes from July 11, 2023.

5. Review Previous Action Items

Mr. Anderst reviewed action items carried over from the UFLSWG meeting on July 11, 2023. Action items that are not closed and will be carried forward can be found [here](#).

6. WECC ONFLSP Document Update (NWPP to WPP)

Mr. Bolton presented on the WECC ONFLSP Document Northwestern Power Pool and Western Power Pool (NWPP to WPP). This document is being reviewed by the UFLSWG members.

Ben Hutchins, Western Power Pool discussed how the Northwestern Power Pool, is now the Western Power Pool for business and rebranding purposes.

Jay Largo, Bonneville Power Administration asked if these names were unique to the western island names. The rebranding of the name is open to other entities.



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Mr. Bolton will contact Legal at WECC, to discuss the name change for Western Power Pool and any implications. Also, anyone interested in editing the Off Nominal Frequency Load Shedding Plan document should contact Mr. Bolton.

7. Kick-off of 2023 UFLS Assessment

Mr. Anderst presented on the Underfrequency Load Shedding (UFLS) Assessment. He updated the group on the contract with California Independent System Operator (CAISO) listing all entity names.

Mr. Anderst stated that cases: 20231HS and 20241SP will be used and posted to the WECC website. The Generator Priority Requests received valuable feedback on the response rate from Power World. He forwarded any spreadsheets on these requests over to Power World. Please reach out to Mr. Anderst to request any of the 20231HS or 20241SP files.

Mr. Anderst and Tyson Niemann, Staff Engineer Reliability Modeling will meet with Power World early each month and provide updates to our group. He will ask if Power World would like to attend a future UFLSWG meeting.

8. Public Comment

Mr. Hutchins attended a presentation from an Australian distributor resources about frequencies. These frequencies are as a frequent practice.

9. Review New Action Items

- The history of SILTP and Northwest Tripping plans.
 - Assigned To: Kent Bolton
 - Due Date: September 12, 2023

10. Upcoming Meetings

September 12, 2023	Virtual
October 10, 2023	Virtual
November 14, 2023	Virtual

11. Adjourn

Mr. Anderst adjourned the meeting without objection at 3:05 p.m.



Exhibit A: Attendance List

Members in Attendance

Robby Anderst Puget Sound Energy, Inc.
Kent Bolton WECC
Daniel Cervantes Los Angeles Department of Water and Power
Curt Feinberg Tri-State Generation and Transmission—Reliability
Alex Ford NV Energy
Mensur Haskovic Western Area Power Administration
Ben Hutchins Western Power Pool
Daniel Johnson Jr. Black Hills Corporation
Christopher Lamb Public Utility District No. 1 of Chelan County
Jay Largo Bonneville Power Administration
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)
Anthony Rendon Salt River Project
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

Ian Beil Portland General Electric Company
Zachary Beus Puget Sound Energy, Inc.
Scott Beyer Western Power Pool
Dennis Chesnakov Public Utility District No. 2 of Grant County



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Fangfang Du.....PacifiCorp
Gary FarmerWestern Area Power Administration
Christopher FuchsCalifornia Independent System Operator
Kevin George.....Tucson Electric Power
Jeff HansonColorado Springs Utilities
Richard Hydzyk.....Avista Corporation
Anne KronshagePublic Utility District No. 1 of Chelan County
Jesus Martinez.....Imperial Irrigation District
Kimberly McIntyrePortland General Electric Company
Nik MikelsonsPortland General Electric Company
Patrick Perry.....Idaho Power Company
Mark Pigman.....Tacoma Power
David QuashiePublic Utility District No. 1 of Snohomish County
Atique RahmanLos Angeles Department of Water and Power
Karen ReedyPublic Service Company of New Mexico
Bill Robertson.....Salt River Project
Hari Singh.....Public Service Company of Colorado (Xcel Energy)
Dwane SmallPublic Utility District No. 1 of Snohomish County
RajaShekar Thappetaobula.....California Independent System Operator
Gary Trent.....Tucson Electric Power
Nathan WilsonPacifiCorp
Janice Zewe.....Sacramento Municipal Utility District
Songzhe Zhu.....GridBright, Inc.

Others in Attendance [Only for technical committees]

Leo Bernier.....Advanced Energy Solutions
James Jang.....Bonneville Power Administration
Tyson Nieman.....WECC
Patrick Perry.....Idaho Power Company



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Marie SmithWECC
Jim Smith..... Bonneville Power Administration
Khalili Tohid.....Public Service Company of New Mexico
Matthew Truscott GCPD
Ohad Wand British Columbia Hydro and Power Authority
Trevor Werho Arizona Public Service Company

