

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 31, 2022. A quorum was present to conduct business. A list of attendees is attached as Exhibit A.

2. Review WECC Antitrust Policy

Kent Bolton, Senior System Stability Planning 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

The minutes will be reviewed during a future meeting.

5. Review of Simulations

Tyson Niemann, System Stability Engineer, presented the assessment simulation update for the island cases. The 25% imbalance is still presenting issues. During the next UFLSWG there will be a discussion held to determine whether the simulation process should move forward. The work group discussed that a comparison of the assessments for the 20% 2024 light spring 1 recovery can be done. When the error spreadsheet is sent out it will include a list of the generators that are tripping, and the UFLSWG will discuss it. The simulations will be complete within a week except for the two 25% proofing.

The work group also discussed the benefits of having a UFLSWG team site.

6. V/Hz Requirement

Mr. Bolton led the discussion on the NERC Standard PRC-006 requirement R3.3. The UFLSWG discussed running the simulations for sixty seconds. Several simulations do not run beyond 60 seconds. The the V/Hz simulations will be provided and PowerWorld will be asked whether they can monitor v/Hz.

7. Public Comment

No comments were offered.

8. Review New Action Items

- Sep up a UFLSWG team site.
 - Assigned To: Kent Bolton and Tyson Niemann
 - Due Date: September 13, 2022
- Demonstrate the simulation process to the UFLSWG.
 - Assigned To: Kent Bolton and Tyson Niemann
 - Due Date: September 13, 2022

9. Upcoming Meetings

September 13, 2022Virtual

10. Adjourn

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



Exhibit A: Attendance List

Members in Attendance

Robby Anderst Puget Sound Energy, Inc.
 Scott Beyer Western Power Pool (formerly Northwest Power Pool Corporation)
 Gary Farmer Western Area Power Administration
 Curt Feinberg Tri-State Generation and Transmission—Reliability
 Alex Ford NV Energy
 Matthew Gomez Southern California Edison Company
 Mensur Haskovic..... Western Area Power Administration
 Jay Largo Bonneville Power Administration
 Tyler Pearce Arizona Electric Power Cooperative, Inc. (Arizona G&T Cooperatives)
 Karen Reedy Public Service Company of New Mexico
 Milton Savier Pacific Gas and Electric Company
 GuiHua Wang British Columbia Hydro and Power Authority
 Nathan Wilson PacifiCorp
 Han Yu British Columbia Hydro and Power Authority

Members not in Attendance

Daniel Cervantes..... Los Angeles Department of Water and Power
 Desmond Chan Seattle City Light
 Dennis Chesnakov..... Public Utility District No. 2 of Grant County
 Fangfang Du PacifiCorp
 Christopher Fuchs California Independent System Operator
 Jennifer Galaway Portland General Electric Company
 Richard Hydzik..... Avista Corporation
 Todd Lichtas..... Tucson Electric Power
 Ralph Liu Alberta Electric System Operator
 Daniel McGuire..... Salt River Project
 Nik Mikelsons Portland General Electric Company



Danny Miranda..... Arizona Public Service Company
Patrick Perry.....Idaho Power Company
Bradley Postovoit..... Southern California Edison Company
David Quashie Public Utility District No. 1 of Snohomish County
Atique Rahman Los Angeles Department of Water and Power
Hari Singh.....Public Service Company of Colorado (Xcel Energy)
Prabal Singh..... Sacramento Municipal Utility District
Dwane Small Public Utility District No. 1 of Snohomish County
Dede SubaktiCalifornia Independent System Operator
Gary Trent..... Tucson Electric Power
Janice Zewe..... Sacramento Municipal Utility District
Songzhe Zhu..... GridBright, Inc.

Others in Attendance

Kent Bolton.....WECC
Kevin Brooks Southern California Edison Company
James Jang..... Bonneville Power Administration
Scott JordanSouthwest Power Pool
Jamie KellerWestern Area Power Administration
Anne Kronshage Public Utility District No. 1 of Chelan County
Christopher Lamb..... Public Utility District No. 1 of Chelan County
Nicole LeeWECC
Katya Marquez.....El Paso Electric
Kirsten McClure.....Western Area Power Administration
Ruben Miranda Arizona Public Service Company
Tyson Niemann.....WECC
Chad Rissman Public Utility District No. 1 of Chelan County
Jim Smith..... Bonneville Power Administration
Marie SmithWECC



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Muhammad Tayyab..... Western Area Power Administration
Matthew Truscott Public Utility District No. 2 of Grant County
Ohad Wand British Columbia Hydro and Power Authority
Hayk Zargaryan..... Southern California Edison Company

