

1. Welcome, Call to Order

Daniel Baker, Performance Subcommittee (PS) Chair, called the meeting to order at 1:02 p.m. MT on January 23, 2024. A quorum was present to conduct business. A list of attendees is attached as Exhibit A.

2. Review WECC Antitrust Policy

Greg Park, Senior Risk Analysis Specialist, read aloud the WECC Antitrust Policy statement. The meeting agenda included a link to the posted policy.

3. Approve Agenda

Mr. Baker introduced the proposed meeting agenda.

By consensus, the PS approved the agenda.

4. Review and Approve Previous Meeting Minutes

Mr. Baker introduced the minutes from the meeting on June 27, 2023.

By consensus, the PS approved the minutes from June 27, 2023.

5. Review Previous Action Items

Rich Hydzyk, Avista, reviewed action items carried over from the PS meeting on last meeting date on June 27, 2023. Action items that are not closed and will be carried forward can be found [here](#).

6. PS (PWG) Charter Review

This item was moved to a future meeting.

7. Western Frequency—Time Error Review

Mr. Baker presented the hourly DTE Energy Services rainbow chart for Western frequency and time error review. The idea behind it is to have explainable causes to variations. The PS discussed time errors, along with average frequency. Concern was expressed about doing a time reset. Peter Ashcroft, Senior Data Scientist, will review the past five years to see when the primary inadvertent was zero and what the time error indicated.

8. Frequency Response Monitoring and Mitigation Task Force

Mr. Hydzik provided an update on the Transient Security Assessment Tool (TSAT) that California Independent System Operator (CAISO) is running for frequency response monitoring and mitigation. If frequency response drops, the Balancing Authority (BA) will be contacted, and if it drops lower, a mitigation will be done. Mr. Hydzik will contact RC West and ask them to present on the previous quarter's interesting events, showing what the mitigation was and how it can be improved.

9. Oscillation Event Review

Evan Paull, Staff Engineer Operations Analyst, presented the Oscillation Event Review. The data request is about ready to go out. The known frequency events are from battery issues. The Reliability Coordinators (RC) can locate the oscillations, which is reducing the response times. Forced oscillations that were caused by commissioning practices are being discussed by the Oscillations Analysis Work Group (OAWG), the entities involved need to complete internal investigations first and feedback will be provided to assist.

10. FERC BAL-002-WECC Data Request

Tim Reynolds and Mr. Park presented FERC BAL-002-WECC data request.

11. Primary Inadvertent Balances

Mr. Ashcroft presented on the primary inadvertent interchange, by BA and hour.

12. CPS1 Trends

Mr. Ashcroft presented on the CPS1 Trends. A closed-door session will need to be held to discuss this topic in depth. The errors in the data were researched and corrected. The degradation at the CPS1 level is due to variability in the performances, which will require individual feedback on the causes of this issue.

13. Interconnection CPS1 Discussion

Mr. Park led the discussion on Interconnection CPS1. Extreme variability frequencies are being seen. Trends are being developed and showing that renewables are causing issues with performance. There is a methodology that is showing trends which are decreasing, and it is directly related to solar. The PS discussed that the next step will be to review the hours. WECC has primary hourly inadvertent data to correlate which areas are causing issues and to see whether it is an issue within the interconnection or an individual BA.



14. NERC Prioritization Process

Mr. Hydzik presented on the NERC Prioritization Process. The PS was encouraged to follow the Energy Assurance with Energy Constrained Resources.

15. Reporting ACE SAR Update

Mr. Park provided an update for reporting ACE SAR. The WECC Standard and BAL-003 need to be updated. There was a 98% approval rating, and it was filed with FERC.

16. RRC Risk Registry

Mr. Park presented the RRC Risk Registry. The risks are submitted by stakeholders, WECC does an assessment that assists with identifying risks. Mr. Park encouraged the PS to make sure their organization has an RRC representative and to provide feedback.

17. Review New Action Items

- Contact RC West and ask them to present on the previous quarter's interesting events showing what the mitigation was and how it can be improved.
 - Assigned To: Rich Hydzik
 - Due Date: April 1, 2024

18. Round Table

No comments were made.

19. Upcoming Meetings

May 14, 2024..... Virtual

20. Adjourn

Mr. Baker adjourned the meeting without objection at 4:28 p.m.



Exhibit A: Attendance List

Members in Attendance

Daniel BakerSouthwest Power Pool
Richard Hydzik.....Avista Corporation
Tim KendzioriskiNV Energy
David Kirsch.....Bonneville Power Administration—Transmission
Craig N. FigartAvista Corporation
Greg ParkWECC
Evan Paull.....WECC

Members not in Attendance

Kokou AgbassekouCalifornia Independent System Operator
Ben Braconnier British Columbia Hydro and Power Authority
Zachary Eyasu.....Western Area Power Administration
Jeni Mistry.....Salt River Project
Tony Nguyen British Columbia Hydro and Power Authority
Jesse Waters Tucson Electric Power
Theodore Zeiss..... Los Angeles Department of Water and Power
Philip Wiginton.....Tennessee Valley Authority

Others in Attendance

Peter Ashcroft.....WECC
Lin ChangWECC
Raj Hundal.....PowerEx
Nicole LeeWECC
Katharine Moore.....WECC
Aaron Reid.....WECC
Tim ReynoldsWECC
Scott RowleyWECC
Serena StiehlWECC

