



Production Cost Data Subcommittee
DRAFT Meeting Minutes
November 8, 2023
Virtual

1. Welcome, Call to Order

Kevin Harris, Production Data Subcommittee Co-chair, called the meeting to order at 10:02 MT on November 8, 2023. A quorum was present to conduct business. A list of attendees is attached as Exhibit A.

2. Review WECC Antitrust Policy

Jon Jensen, Reliability Modeling Engineer, read aloud the WECC Antitrust Policy statement. The meeting agenda included a link to the posted policy.

3. Approve Agenda

Mr. Harris introduced the proposed meeting agenda.

On a motion by Chelsea Loomis the PCDS approved the agenda.

4. Review and Approve Previous Meeting Minutes

Mr. Harris introduced the minutes from the meeting on October 25, 2023. Chifong Thomas abstained from approving the minutes as she was not present at the meeting.

On a motion by Chelsea Loomis the PCDS approved the minutes from October 25, 2023.

5. Review Previous Action Items

Daja Bell, Administrative Coordinator, reviewed action items carried over from the PCDS meeting on October 25, 2023. Action items that are not closed and will be carried forward can be found [here](#).

6. ADS Power Flow Review

Chelsea Loomis, Western Power Pool, discussed comments provided during the Anchor Data Set (ADS) review with the subcommittee.



7. Forced Outage Rates

Mr. Jensen discussed criteria and outage rates for GADS data and Model Equivalent Forced Outage Rates (EFORd) in the PC-GAR software. Mr. Jensen will compare American Transmission Coal outage rates for transmission and Mr. Jensen will work to compare the three-year, five-year, ten-year natural gas Force Outage Rates (FOR) in PC-GAR.

The presentation is posted on the [WECC website](#).

8. Nomograms

Mr. Jensen discussed known nomograms with the subcommittee and nomograms that are not as popular found in the path rating catalog. Mr. Jensen also discussed using non WECC path ratings in the path rating catalog with the subcommittee. Mr. Jensen will reach out to different path owners about the corresponding nomograms in the path rating catalog and reach out to Bonneville Power Administration and other organizations to review the non-WECC paths in the ADS case.

The presentation is posted on the [WECC website](#).

9. Committee Engagement Survey Reminder

Mr. Jensen reminded the PCDS to take the Committee Engagement Survey.

The presentation is posted on the [WECC website](#).

10. Meeting Schedule

Mr. Jensen and Mr. Harris discussed meeting times for the next PCDS meeting. WECC will move the November 22, 2024 meeting date to November 29, 2024 to take place at the same time as the PCDS regular meetings start. Nicole Lee, Administrative Coordinator will discuss meeting maker with WECC communications.

11. Public Comment

Ms. Loomis discussed meeting makers and including an outlook invitation on meeting announcements.

12. Review New Action Items

- Compare American transmission coal outage rates to the PC-GAR outage rates.
 - Assigned To: Jon Jensen, Arkadeep Das
- Reach out to different path owners about the corresponding nomograms in the path rating catalog.
 - Assigned To: Jon Jensen



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- Reach out to Bonneville Power Administration and other organizations to review the non-WECC paths in the ADS case.
 - Assigned To: Jon Jensen
- Discuss meeting maker with WECC communications.
 - Assigned To: Nicole Lee
- Compare three-year, five-year, ten-year natural gas FOR in PC-GAR.
 - Assigned To: Jon Jensen, Arkadeep Das
- Move November 22, 2024 meeting to November 29, 2024 same time.
 - Assigned To: Nicole Lee
- Report out on the 2034 ADS build schedule at the November 29, 2024 meeting.
 - Assigned To: Jon Jensen

13. Upcoming Meetings

November 22, 2023 Virtual
December 6, 2023 Virtual
December 20, 2023 Virtual

14. Adjourn

Mr. Harris adjourned the meeting without objection at 11:35 a.m.



Exhibit A: Attendance List

Members in Attendance

Jamie Austin PacifiCorp
Jennifer Galaway Portland General Electric Company
Kevin Harris Pacific Northwest National Laboratory
Eliana Ibarra Imperial Irrigation District
Jon Jensen WECC
Chelsea Loomis Western Power Pool
Kimberly McClafferty NorthWestern Energy
Effat Moussa San Diego Gas and Electric
Chifong Thomas Thomas Grid Advisor
Yi Zhang California Independent System Operator

Members not in Attendance

Tyler Butikofer Energy Strategies
Renchang Dai Puget Sound Energy, Inc.
Jose Diaz Los Angeles Department of Water and Power
Sylvia Gard Puget Sound Energy, Inc.
Manuel Gomez El Paso Electric Company
Chris Hagman American Transmission Company
Anders Johnson Bonneville Power Administration—Transmission
Akhil Mandadi Arizona Public Service Company
Christopher McLean California Energy Commission
Nader Samaan Pacific Northwest National Laboratory
Jonathan Stahlhut TransCo Energy, LLC
Emily Tozier Salt River Project
Stan Williams Bonneville Power Administration—Transmission
Di Xiao Southern California Edison Company
Lee Alter Tucson Electric Power



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Fred Heutte..... NW Energy Coalition
Bill Hosie..... PSI Power System Innovation Corp.
John D. Martinsen..... Public Utility District No. 1 of Snohomish County
Dan Schaefer.....Salt River Project

Others in Attendance

Hazel AragonSacramento Municipal Utility District
Peter Ashcroft.....WECC
Keith Ban..... San Diego Gas and Electric
Daja BellWECC
Jose CastanedaImperial Irrigation District
Arkadeep Das.....WECC
Enoch Davies.....WECC
Ashton Davis.....WECC
Michael Grandos..... Los Angeles Department of Water and Power
Joshua Hurst..... Los Angeles Department of Water and Power
Eliana IbarraImperial Irrigation District
Matt Zapotocky.....WECC

