

1. Welcome, Call to Order

Kevin Harris, Production Cost Data Subcommittee (PCDS) Chair, called the meeting to order at 10:03 a.m. MT on November 20, 2024. A quorum was present to conduct business. A list of attendees is attached as Exhibit A.

2. Review WECC Antitrust Policy

Jon Jensen, Senior 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.

By consensus, the PCDS approved the agenda.

4. Review and Approve Previous Meeting Minutes

Mr. Harris introduced the minutes from the meeting on November 6, 2024.

By consensus, the PCDS approved the minutes from November 6, 2024

5. Review Previous Action Items

Mr. Jensen reviewed action items carried over from the PCDS meeting on November 6, 2024. Action items that are not closed and will be carried forward can be found on the WECC Website.

6. Announcements

No announcements were made.

7. 2034 ADS PCM V2 Follow-up

Mr. Jensen gave a follow-up on the 2034 Anchor Data Set (ADS) Production Cost Model (PCM). He informed the PCDS that WECC received monthly Hydro data from PNNL but is still waiting for the weekly data. WECC also received new SunZia shapes and will implement them in the next run. WECC also wants to further review the hydro capacities and compare the 2032 vs. 2034 ADS for BC and BPA. WECC made updates to the 2034 case, including to the thermal table. They also relocated some Hybrid units, Wyoming generic units, and Mexicali units.

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SunZia and TransWest Express AB32 now include generic units from Idaho, Eldorado, NM PV, and Wyoming. They also updated the Demand Response (DR) units to have a behind-the-meter (BTM) status of

true,” generic heat rate polymins have been updated, and monitored lines have been updated (area to area, region to region, and 200 kV and above). The CO2 updated to system or state, Geo/Bio are exempt from CO2. He showed charts for the 11-15 case—which is posted on the Teams site—annual energy generation, regional transfers, transmission utilization, hourly transmission, dump energy, and energy by subregion. The presentation is on the WECC website.

8. **GridView Version 10.3.79**

The PCDS discussed switching to use GridView 10.3.79, which is what Hitachi recommends. However, Yi Zhang explained that 10.3.79 has a problem with the change files. It was decided to reach out to Hitachi before approving which GridView version to use.

9. **Future Inflator Discussion**

This topic will be discussed in a future meeting.

10. **Non-Conforming Load Discussion**

This topic will be discussed in a future meeting.

11. **Keeping Track of GridView Issues**

There were no issues to discuss.

12. **Public Comment**

The PCDS decided to add a meeting on December 11, 2024, to increase the chance of releasing the next ADS run before the end of the year.

13. **Review New Action Items**

- Update BC Hydro operating range for hydro.
 - Assigned To: WECC
 - Due Date: December 4, 2024
- Compare BPA Hydro capacity 2032 vs. 2034.
 - Assigned To: WECC
 - Due Date: December 4, 2024
- Post new change files.
 - Assigned To: WECC



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- Due Date: December 4, 2024
- Update generic units for TWE and AB32.
 - Assigned To: WECC
 - Due Date: December 4, 2024

14. Upcoming Meetings

December 4, 2024 Virtual

December 11, 2024 Virtual

December 18, 2024 Virtual

15. Adjourn

Mr. Harris adjourned the meeting without objection at 11:33 a.m.



Exhibit A: Attendance List

Members in Attendance

Stephen Benschluch Accelergen Energy
Tyler Butikofer Energy Strategies
Lance Felleson PacifiCorp
Kevin Harris Pacific Northwest National Laboratory
Jon Jensen WECC
Effat Moussa San Diego Gas and Electric
Chifong Thomas Thomas Grid Advisor
Di Xiao Southern California Edison Company
Yi Zhang California Independent System Operator

Members not in Attendance

Max Code Pattern Energy Group LP
Renchang Dai Puget Sound Energy, Inc.
Jose Diaz Los Angeles Department of Water and Power
Sylvia Gard Puget Sound Energy, Inc.
Michael Granados Los Angeles Department of Water and Power
Martin Green Pattern Energy Group LP
Richard Jensen California Energy Commission
Anders Johnson Bonneville Power Administration—Transmission
Bhavana Katyal Portland General Electric Company
Chelsea Loomis Western Power Pool
Kimberly McClafferty NorthWestern Energy
Eliana Orta Imperial Irrigation District
Nader Samaan Pacific Northwest National Laboratory
Bharat Vyakaranam Pacific Northwest National Laboratory
Stan Williams Bonneville Power Administration—Transmission



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Others in Attendance [Only for technical committees]

Jamie Austin Qualus, LLC
Andrew Fay WECC
Colby Johnson Energy Strategies
Joey Jones WECC
Bahavana Katyal Portland General Electric Company
Anuj Patil WECC
Ian Schomer Newton Energy Group, LLC
Alyssa Tavares California Energy Commission
Jin Zhu Hitachi

