

Production Cost Data Subcommittee

Meeting Minutes
Virtual

July 9, 2025

10:00 to 11:30 a.m. Mountain Time

1. Welcome, Call to Order

Kevin Harris, Production Cost Data Subcommittee (PCDS) Chair, called the meeting to order at 10:02 a.m. MT on July 9, 2025. 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 policy can be found on wecc.org.

3. Approve Agenda

Mr. Harris introduced the proposed meeting agenda.

On a motion by Bhavana Katyal, the PCDS approved the agenda.

4. Review and Approve Previous Meeting Minutes

Mr. Harris introduced the minutes of the meeting on June 11, 2025, and June 25, 2025.

On a motion by Amit Rao, the PCDS approved the minutes of the meeting on June 11, 2025, and June 25, 2025.

5. Review Previous Action Items

Mr. Jensen reviewed action items carried over from the PCDS meeting on June 25, 2025. Action items that are not closed and will be carried forward can be found on wecc.org.

6. 2034 ADS PCM Comments

Mr. Jensen and Anuj Patil gave a presentation and review on the status of Unserved Load, Spilled Generation, and Congestion. The next steps:

- WECC will extend retirement dates of renewable units that are operational but retiring before 2034 for all areas,
- Increase VAR margin ration to 94% for all thermal units with non-unity ratios, and
- Run a simulation to compare the results with the recently published v3.1 case.

Mr. Jensen also mentioned what change cases had been done post V3.1 and explained them.

7. 2036 ADS PCM Schedule and Comments

Mr. Jensen gave a presentation and led a discussion on the 2036 ADS PCM schedule and comments. He mentioned that he will put it up for review on the PCDS team site.

8. Keeping Track of GridView Issues

No issues were shared.

9. Public Comment

No public comments were shared.

10. Review New Action Items

PSCO/WACM—Extend retirement on all Type 4 resources. 94% VAR margin ratio

- Assigned To: WECC
- Due Date: July 23, 2025

Review Boardman to Hemingway topology

- Assigned To: Lance/Stephen
- Due Date: July 23, 2025

ReadMe File for change cases

- Assigned To: WECC
- Due Date: July 23, 2025

Review which busses spill

- Assigned To: WECC
- Due Date: July 23, 2025

Post 2036 ADS Schedule for review

- Assigned To: WECC
- Due Date: July 23, 2025

11. Review Upcoming Meetings

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|-------------------------|---------|
| August 6, 2025..... | Virtual |
| August 20, 2025..... | Virtual |
| September 3, 2025 | Virtual |

12. Adjourn

Mr. Harris adjourned the meeting without objection at 11:29 a.m.



Exhibit A: Attendance List

Members in Attendance

Stephen Benchluch Accelergen Energy
Lance Felleson PacifiCorp
Kevin Harris Pacific Northwest National Laboratory
Richard Jensen California Energy Commission
Jon Jensen WECC
Bhavana Katyal Portland General Electric Company
Effat Moussa San Diego Gas and Electric
Amit Rao Puget Sound Energy, Inc.
Jacob Richardson Western Resource Advocates
Ian Schomer Newton Energy Group, LLC

Members not in Attendance

Tyler Butikofer Energy Strategies
Max Code Pattern Energy Group LP
Renchang Dai Puget Sound Energy, Inc.
Al Francis De Vera NV Energy
Jose Diaz Los Angeles Department of Water and Power
Joel Eggemeyer Black Hills Corporation
Sylvia Gard Puget Sound Energy, Inc.
Michael Granados Los Angeles Department of Water and Power
Martin Green Pattern Energy Group LP
Boris Idelchik NV Energy
Anders Johnson Bonneville Power Administration—Transmission
Chelsea Loomis Western Power Pool
Kimberly McClafferty NorthWestern Energy
Eliana Orta Imperial Irrigation District
Nader Samaan Pacific Northwest National Laboratory
Chifong Thomas Thomas Grid Advisor
Bharat Vyakaranam Pacific Northwest National Laboratory
Stan Williams Bonneville Power Administration—Transmission
Di Xiao Southern California Edison Company
Yi Zhang California Independent System Operator

Others in Attendance [Only for technical committees]

Jamie Austin Qualus Corp
Natalie Carter WECC
Jose Castaneda Imperial Irrigation District
Andrew Fay WECC
BK Ketineni Pacific Northwest National Laboratory



Rafael MongeNational Renewable Energy Laboratory
Roberto Noguera California Energy Commission
Anuj Patil.....WECC
Brandon WildeWECC