WECC

Production Cost Data Subcommittee

Meeting Minutes
Virtual

September 16, 2026

10:00—11:30 a.m. MDT

1. Welcome, Call to Order

Kevin Harris, Production Cost Data Subcommittee (PCDS) chair, called the meeting to order at 10:00 a.m. MDT September 16, 2026. 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 Chifong Thomas, the PCDS approved the agenda.

4. Review and Approve Previous Meeting Minutes

Mr. Harris introduced the minutes of the meeting held on August 19, 2026, and September 2, 2026.

On a motion by Chifong Thomas, the PCDS approved the minutes of the meeting held on August 19, 2026, and September 2, 2026.

5. Hydro PLF Example

Mr. Harris worked through examples explaining proportional load following (PLF). He went into detail showing how it works, along with related formulas. He also showed modeling examples and charts; this led to a discussion of how to properly model hydro. Mr. Harris shared the spreadsheets used in his presentation on the PCDS team site. He put together one spreadsheet for WECC while working under contract on how PLF works, the other spreadsheet gives examples and charts by different areas and hydro plants.

6. Hydro Review

Mr. Jensen gave examples of the hourly resource profile naming convention. He also presented on the number of weeks by month that the daily op range is equal to Pmax-Pmin for the

respective 19 NW hydro units. He also presented on the Pmax difference of the 19 NW hydro units between the PNNL data and EIA860M data. Mr. Jensen confirmed that Libby, Hungry Horse, Dworshak, and Albeni Falls were being modeled on a plant level in the PCM and being distributed in the distribution table.

7. 2036 ADS PCM Review

Mr. Jensen gave a presentation on the latest draft 2036 ADS PCM case 9-3-2026. Updates to the case included the negative losses and the relatively high usage on the Trans Bay Cable being fixed with the updated distributed reference bus weightings by load bus. The White Pine pumped storage plant information was corrected, along with updates to the bus latitude and longitude, and EIA information from PNNL. He also mentioned that TransWest Express has a penalty for PAC usage and is being used a little bit.

Remaining items in progress are as follows: reserves, updated hourly profiles, hydro operating range, hydro Pmax review, and hydro PLF. The latest draft 2036 ADS PCM V3 results were shared through the slides. The draft case was posted on the PCDS team site.

8. Public Comment

No comments were made.

9. Review Previous Action Items

Mr. Jensen reviewed action items carried over from the PCDS meeting on September 2, 2026. Action items that are not closed and will be carried forward can be found on wecc.org.

10. Review New Action Items

Check PNNL Pmax, how many weeks PNNL Pmax is higher than EIA, and what time of the year

- Assigned To: WECC
- Due Date: September 30, 2026

WECC send PNNL vs. EIA Pmax spreadsheet to Anders

- Assigned To: WECC
- Due Date: September 30, 2026

Kevin to post the PLF spreadsheets on the PCDS team site

- Assigned To: WECC
- Due Date: September 30, 2026

11. Review Upcoming Meetings

September 30, 2026 ..... Virtual

October 14, 2026 ..... Virtual

October 28, 2026 ..... Virtual

12. Adjourn

Mr. Harris adjourned the meeting without objection at 11:30 a.m. MDT

Exhibit A: Attendance List

Members in Attendance

Stephen Benchluch ..... Accelergen Energy
Jessica Boatwright ..... NorthWestern Energy
Tyler Butikofer ..... Energy Strategies
Al Francis De Vera ..... NV Energy
Joel Eggemeyer ..... Black Hills Corporation
Michael Granados ..... Los Angeles Department of Water and Power
Darold (Ben) Green ..... PacifiCorp
Kevin Harris ..... Pacific Northwest National Laboratory
Jon Jensen ..... WECC
Anders Johnson ..... Bonneville Power Administration—Transmission
Bhavana Katyal ..... Portland General Electric Company
BK Ketineni ..... Pacific Northwest National Laboratory
Eliana Orta ..... Imperial Irrigation District
Amit Rao ..... Puget Sound Energy, Inc.
Mohssen Sajjadi ..... PacifiCorp
Chifong Thomas ..... Thomas Grid Advisor

Members not in Attendance

Jamie Austin ..... Qualus, LLC
Matthew Brand ..... Public Service Company of Colorado (Xcel Energy)
Max Code ..... Pattern Energy Group LP
Lisa Cosby ..... California Public Utilities Commission
Renchang Dai ..... Puget Sound Energy, Inc.
Jose Diaz ..... Los Angeles Department of Water and Power
Sylvia Gard ..... Puget Sound Energy, Inc.
Martin Green ..... Pattern Energy Group LP
Boris Idelchik ..... NV Energy
Richard Jensen ..... California Energy Commission
Colby Johnson ..... Energy Strategies
Chelsea Loomis ..... Western Power Pool
Effat Moussa ..... San Diego Gas and Electric
Tony Nguyen ..... Pacific Northwest National Laboratory
Jacob Richardson ..... Western Resource Advocates
Nader Samaan ..... Pacific Northwest National Laboratory
Ian Schomer ..... Newton Energy Group, LLC
Nathalie Voisin ..... Pacific Northwest National Laboratory
Bharat Vyakaranam ..... Pacific Northwest National Laboratory
Jarrad Wright ..... National Laboratory of the Rockies
Di Xiao ..... Southern California Edison Company

Huey Yuan..... Southern California Edison Company
Yi Zhang..... California Independent System Operator

Others in Attendance

Natalie Carter .....WECC
Ryan Grieser ..... California Public Utilities Commission
Roberto Noguera..... California Energy Commission
Anuj Patil.....WECC
Brandon Wilde .....WECC