

## **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 April 23, 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](http://wecc.org).

## **3. Approve Agenda**

Mr. Harris introduced the proposed meeting agenda.

The topic to review thermal assumptions was added at the request of Mr. Harris.

**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 April 9, 2025.

**On a motion by Chelsea Loomis, the PCDS approved the minutes from April 9, 2025.**

## **5. Review Previous Action Items**

Mr. Jensen reviewed action items carried over from the PCDS meeting on April 16, 2025. Action items that are not closed and will be carried forward can be found on [wecc.org](http://wecc.org).

## **6. Announcements**

No announcements were made.

## **7. Preview of Energy Storage Ramp Rates**

Mr. Jensen gave a presentation on pump storage and energy storage ramp rates. Ramp rates are limited to 5% of contracted MW per minute. It is recommended to update all ramp rates to 20 minutes for full output.

## **8. Review of Maintenance and Forced Outage Rates**

Mr. Harris reviewed maintenance and forced outage rates and shared how he used the pc-GAR report.

## **9. Review Thermal Assumptions**

Mr. Harris reviewed thermal assumptions and shared the combined thermal spreadsheet and how he used it.

## **10. 2034 ADS PCM V2 Follow-Up**

The ADS Simulation Control bus distribution reference 'buses' were updated. Mr. Jensen will contact Hitachi regarding setting recommendations. Hydro PLF below 100% were updated to only include 100 MW and above. Mr. Jensen will report on PLF under 100% by area at the next meeting. Mr. Jensen also relayed information from LADWP that there are no plans to relieve the operational constraint impacting Path 65 (PDCI). Mr. Jensen will create a change case to correct this, and an optional change case to reverse it. WECC will give a methodology overview of the Automatic Placement Tool next week.

## **11. Keeping Track of GridView Issues**

No issues were raised.

## **12. Public Comment**

No public comments were made.

## **13. Review New Action Items**

- Reach out to NERC GADS about the difference between planned outage versus maintenance.
  - Assigned To: WECC
  - Due Date: April 30, 2025
- Change case for LADWP for operational constraint for PDCI. Optional chance case to revert it.
  - Assigned To: WECC
  - Due Date: April 30, 2025
- Post BPA table of changes to the meeting and team site.
  - Assigned To: WECC
  - Due Date: April 30, 2025
- Schedule GridView Maintenance Enhancement meeting.
  - Assigned To: WECC



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- Due Date: April 30, 2025
- Ask Jin about recommendation for distribution reverence buses settings.
  - Assigned To: WECC
  - Due Date: April 30, 2025
- Review Hydro PLF under 100% by area.
  - Assigned To: WECC
  - Due Date: April 30, 2025

### 14. Upcoming Meetings

April 30, 2025..... Virtual

May 7, 2025..... Virtual

May 14, 2025..... Virtual

### 15. Adjourn

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



## Exhibit A: Attendance List

### Members in Attendance

Stephen Benschluch ..... Accelergen Energy  
Joel Eggemeyer ..... Black Hills Corporation  
Martin Green ..... Pattern Energy Group LP  
Kevin Harris ..... Pacific Northwest National Laboratory  
Richard Jensen ..... California Energy Commission  
Jon Jensen ..... WECC  
Anders Johnson ..... Bonneville Power Administration—Transmission  
Chelsea Loomis ..... Western Power Pool  
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  
Max Code ..... Pattern Energy Group LP  
Renchang Dai ..... Puget Sound Energy, Inc.  
Jose Diaz ..... Los Angeles Department of Water and Power  
Lance Felleson ..... PacifiCorp  
Sylvia Gard ..... Puget Sound Energy, Inc.  
Michael Granados ..... Los Angeles Department of Water and Power  
Bhavana Katyal ..... Portland General Electric Company  
Kimberly McClafferty ..... NorthWestern Energy  
Eliana Orta ..... Imperial Irrigation District  
Jacob Richardson ..... Western Resource Advocates  
Nader Samaan ..... Pacific Northwest National Laboratory  
Ian Schomer ..... Newton Energy Group, LLC  
Bharat Vyakaranam ..... Pacific Northwest National Laboratory



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Stan Williams .....Bonneville Power Administration—Transmission  
Di Xiao..... Southern California Edison Company

### Others in Attendance [Only for technical committees]

Natalie Carter.....WECC  
Al Francis De Vera.....NV Energy  
Andrew Fay .....WECC  
Agnieszka Hernandez..... Leeward Renewable Energy, LLC  
BK Ketineni..... Pacific Northwest National Laboratory  
Stacey Kohler.....Bonneville Power Administration—Transmission  
Anuj Patil .....WECC  
Jonathan Young .....Bonneville Power Administration—Transmission

