

## **1. Welcome, Call to Order**

Kevin Harris, Production Cost Data Subcommittee, (PCDS) Chair, called the meeting to order at 10:06 a.m. MT on April 24, 2024. 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.

**By consensus, the PCDS approved the agenda.**

## **4. Review and Approve Previous Meeting Minutes**

Mr. Harris introduced the minutes from the meeting on April 10, 2024.

**On a motion by Chelsea Loomis, the PCDS approved the minutes from April 10, 2024.**

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

Mr. Jensen reviewed action items carried over from the PCDS meeting on April 10, 2024. There was a discussion on Action Item number 202, regarding what transmission projects are in 2034 ADS topology. The conclusion of the discussion is to contact System Review Subcommittee, SRS, and find out which transmission projects are in. Action items that are not closed and will be carried forward can be found [here](#).

## **6. Announcements**

- 2034 Anchor Data Set (ADS) Production Cost Model (PCM) V1—Posted to the website.
- Chelsea's spreadsheet 2032 to 2034 comparison posted to the PCDS team site.
- County level behind-the-meter (BTM) vs. Area Level.
- BTM Photovoltaic (PV)—Received the county information from PNNL, now sent to NREL for BTM PV ratio/weightings for each bus.

- 2024 Loads and Resources (L&R) update.
- Schedule overview.
- Added a meeting June 26, 2024.

## 7. 2034 ADS PCM Update/Items Follow-up

Mr. Jensen presented on the 2034 ADS PCM update. The Path 27—Intermountain Power Project (IPP) Misc-Conditional Constraint—240 MW deadband model. It was discussed that the model was set by Hitachi Energy, and the PCDS will need to reach out to Hitachi and LADWP to see whether it is still applicable.

Mr. Jensen reviewed the bus owner by the load area in the bus ownership table. He is running a check to make sure the load areas make sense and are properly identified in GridView. Once reviewed, Mr. Jensen will update the spreadsheet with the PCM balancing area with zones from the power flow and send it for review.

Mr. Jensen showed a comparison chart for the 2032 vs. 2034 ADS Annual Dumped Generation MWh by state. These included solar and wind and fuel dump capacity. The P27, P65, P66 COI, P26, P46, P31, and P49 case comparison was also included.

The 2034\_ADS\_PCM\_2.4.3\_V0.8 had the following updates:

- Changed bus 73477 from PSCO to WACM.
- Updated naming convention, but not for units in Generation Distribution.
  - If there is a unit previously aggregated but not aggregated in the new submission, it is still aggregated in the gen list and uses the old naming convention.
- Removed FosterWhlrCC-total (Status set to false).

The presentation is posted on the WECC website.

## 8. Keeping Track of GridView Issues

No discussion was had.

## 9. Public Comment

No comments were made.

## 10. Review New Action Items

- Reach out to Intertek for cycling data for V2 of ADS. This is a previous action item with a new due date.



## PCDS Meeting Minutes—April 24, 2024

- Assigned To: Jon Jensen
  - Due Date: May 22, 2024
- Verify transmission projects are included in the 2034 HS1 power flow. Email list to SRS then ask about it in the next SRS meeting.
  - Assigned To: Jon Jensen
  - Due Date: May 22, 2024
- Email PCDS distribution list and ask for non-WECC path update.
  - Assigned To: Jon Jensen
  - Due Date: May 22, 2024
- Reach out to LADWP regarding the P27 deadband parameters. If necessary, reach out to Hitachi.
  - Assigned To: Jon Jensen
  - Due Date: May 22, 2024
- Update load bus area spreadsheet and post to PCDS team site.
  - Assigned To: Jon Jensen
  - Due Date: May 22, 2024

### 11. Upcoming Meetings

May 8, 2024 ..... Virtual

May 22, 2024 ..... Virtual

June 5, 2024 ..... Virtual

### 12. Adjourn

Mr. Jensen adjourned the meeting without objection at 11:28 a.m.



## Exhibit A: Attendance List

### Members in Attendance

Sylvia Gard ..... Puget Sound Energy, Inc.  
Kevin Harris ..... Pacific Northwest National Laboratory  
Jon Jensen.....WECC  
Richard Jensen..... California Energy Commission  
Chelsea Loomis ..... Western Power Pool  
Kimberly McClafferty ..... NorthWestern Energy  
Effat Moussa..... San Diego Gas and Electric  
Eliana Orta ..... Imperial Irrigation District  
Gary Simonson..... PacifiCorp  
Chifong Thomas ..... Thomas Grid Advisor  
Stan Williams ..... Bonneville Power Administration—Transmission  
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  
Jennifer Galaway ..... Portland General Electric Company  
Manuel Gomez..... El Paso Electric Company  
Michael Granados..... Los Angeles Department of Water and Power  
Chris Hagman ..... American Transmission Company  
Anders Johnson..... Bonneville Power Administration—Transmission  
Akhil Mandadi..... Arizona Public Service Company  
Nader Samaan..... Pacific Northwest National Laboratory  
Jonathan Stahlhut ..... TransCo Energy, LLC  
Emily Tozier ..... Salt River Project  
Bharat Vyakaranam..... Pacific Northwest National Laboratory



**PCDS Meeting Minutes—April 24, 2024**

Di Xiao..... Southern California Edison Company

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

Patil Anuj .....WECC

Meyer David..... Puget Sound Energy, Inc.

Davies Enoch.....WECC

Jones Joey .....WECC

Castaneda Jose .....Imperial Irrigation District

Romero Kellen.....WECC

Zapotocky Matt.....WECC

Villa Melissa .....Imperial Irrigation District

Lewis Sarah .....WECC

