

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

Kevin Harris, Production Cost Data Subcommittee (PCDS) Chair, called the meeting to order at 10:00 a.m. MT on January 22, 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.

2034 ADS PCM Concerns topic was requested to be covered by Mr. Harris

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

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

Mr. Harris introduced the minutes from the meeting on January 8, 2025, and January 15, 2025.

**On a motion by Stephen Benchluch, the PCDS approved the minutes from January 8, 2025, and January 15, 2025.**

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

Mr. Jensen reviewed action items carried over from the PCDS meeting on January 15, 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. 2034 ADS PMC Concerns**

Mr. Harris expressed concerns with the 2034 Anchor Data Set (ADS) Production Cost Model (PCM) case regarding the alignment with the 2034HS1 power flow. There are over 1,000 existing generator units that align between the Loads & Resources (L&R)/PCM data and the Power Flow (PF). Mr. Jensen expressed the difficulty in the difference between the data sources, L&R vs.

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power flow data. The L&R has missing or incorrect busses for many of these mismatches. Mr. Jensen expressed that he and Anuj Patil will work on reviewing and aligning these units. Mr. Harris also mentioned that he is available to help. Anders Johnson mentioned that he is available to help for area 40. The PCDS will revisit this reconciliation of the data in the next meeting.

### 8. 2034 ADS PCM V2 Follow-Up

This item was a continuation of the previous section.

### 9. Redistribution of L&R Generic Resources

Mr. Jensen briefly mentioned that after the generator units are better aligned. The next step is to redistribute the extra “generic” L&R units that weren’t provided with a bus number. The idea is to redistribute the extra generation according to unmapped power flow generation so the correct amount and type of generation will be in the correct locations to model power flow injections more accurately.

### 10. Keeping Track of GridView Issues

Mr. Harris mentioned that they are evaluating long-term energy storage. He mentioned the only way they have been able to get it to work productively is to extend Mixed Integer Optimization (MIO) a number of days, but only use the current day, which extends the run time. They are also testing Electric Vehicle (EV) charging. Those bids in demand at night to levelized locational marginal price. Mr. Jensen showed the “Case Data Directory” feature in GridView version 10.3.80. allowing users to store all the shape files in a separate folder to keep the working directory tidier.

### 11. Public Comment

No comments were made.

### 12. Review New Action Items

- Create data management table with WECC adjustments
  - Assigned to: WECC
  - Due date: January 29, 2025
- Map existing units from PCM and PF
  - Assigned to: WECC
  - Due date: January 29, 2025
- Continue looking at PSCO and WACM for unserved load, look at transmission, supply, loads distribution, compare to 2032 case



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- Assigned to: WECC
  - Due date: January 29, 2025
- Create a meeting for February 5, 2025
  - Assigned to: Natalie Carter
  - Due date: January 29, 2025

### 13. Upcoming Meetings

January 29, 2025 ..... Virtual

February 5, 2025 ..... Virtual

February 12, 2025 ..... Virtual

### 14. Adjourn

Mr. Harris adjourned the meeting without objection at 11:15 a.m.



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### Exhibit A: Attendance List

#### Members in Attendance

Stephen Benschluch ..... Accelergen Energy  
Tyler Butikofer ..... Energy Strategies  
Jose Diaz..... Los Angeles Department of Water and Power  
Kevin Harris ..... Pacific Northwest National Laboratory  
Richard Jensen..... California Energy Commission  
Jon Jensen.....WECC  
Anders Johnson.....Bonneville Power Administration—Transmission  
Bhavana Katyal ..... Portland General Electric Company  
Effat Moussa..... San Diego Gas and Electric  
Eliana Orta ..... Imperial Irrigation District  
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.  
Lance Felleson ..... PacifiCorp  
Sylvia Gard ..... Puget Sound Energy, Inc.  
Michael Granados..... Los Angeles Department of Water and Power  
Martin Green .....Pattern Energy Group LP  
Chelsea Loomis .....Western Power Pool  
Kimberly McClafferty .....NorthWestern Energy  
Nader Samaan..... Pacific Northwest National Laboratory  
Chifong Thomas ..... Thomas Grid Advisor  
Bharat Vyakaranam..... Pacific Northwest National Laboratory  
Stan Williams .....Bonneville Power Administration—Transmission



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### Others in Attendance

Jamie Austin .....Qualus  
Natalie Carter .....WECC  
Jose Castaneda .....Imperial Irrigation District  
Enoch Davies .....WECC  
Colby Johnson .....Energy Strategies  
Anuj Patil .....WECC  
Jacob Richardson .....Western Resource Advocates  
David Tovar .....El Paso Electric Company  
Jonathan Young .....Bonneville Power Administration—Transmission

