

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

Kevin Harris, Production Cost Data Subcommittee (PCDS) Chair, called the meeting to order at 10:03 a.m. MT on February 14, 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 January 17, 2024, and January 31, 2024.

**On a motion by Chifong Thomas, the PCDS approved the minutes from January 17, 2024, and January 31, 2024.**

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

Mr. Jensen reviewed action items carried over from the PCDS meeting on January 31, 2024. Action items that are not closed and will be carried forward can be found [here](#).

## 6. **Announcements**

Mr. Jensen presented an update on the 2034 Anchor Data Set (ADS) Production Cost Model (PCM) V1, which has the latest data from Intertek (VOM, etc.) and is waiting for the information from BC Hydro, and NREL for behind-the-meter (BTM) photovoltaic (PV) ratios and weightings for each bus. Ownership 2034 the definitions, bus, branch, and nomograms for El Paso have all been updated. The generation will be updated when the resources and information provided. When this is done, the V1 will be ready to run and validated.

## 7. 2034 ADS PCM V1 Report-out

Mr. Jensen presented the 2034 ADS PCM V1. Mr. Jensen received the latest data from Intertek (VOM, etc.) and BTM PV county information from Pacific Northwest National Laboratory (PNNL). Mr. Jensen is waiting for the information from BC Hydro, and NREL for BTM PV ratios and weightings for each bus. Jamie Austin suggested the focus be on 2034 ADS and V2.

## 8. VOM and Dispatch Price

Mr. Jensen presented on the dispatch price of wind, solar, and variable operations, and maintenance (VOM). Mr. Jensen compared the 2020 dollars to the 2024 dollars. Ms. Austin suggested that new data be used from now on.

## 9. AB32

Mr. Jensen presented on the AB32. The AB32 is a nomogram with the price penalty on imported Greenhouse Gas (GHG) to California.

The presentation is posted on the [WECC website](#).

## 10. Public Comment

No comments were made.

## 11. Review New Action Items

- Follow up with Hitachi about generator ownership for multiple areas. On the generator ownership table and the reserve capacity distribution table.
  - Assigned To: Jon Jensen
  - Due Date: February 28, 2024
- Contact Intertek to see whether the start fuel is included in the start cost.
  - Assigned To: Jon Jensen
  - Due Date: February 28, 2024
- Compare the previous start costs with the latest start cost in VOM and implement the new data. Use the generic tables to input the VOM and start cost.
  - Assigned To: Jon Jensen
  - Due Date: February 28, 2024
- Calculate the CO<sub>2</sub> costs, adjusted CO<sub>2</sub> costs, and recalculate to see whether there are new contracts going to California (If renewable, it will be exempt (update values)) with the AB32, and provide the new value to the PCDS.
  - Assigned To: Jon Jensen
  - Due Date: February 28, 2024

**12. Upcoming Meetings**

February 28, 2024.....	Virtual
March 13, 2024.....	Virtual
March 27, 2024.....	Virtual

**13. Adjourn**

Mr. Harris adjourned the meeting without objection at 11:03 a.m. MT.



## Exhibit A: Attendance List

### Members in Attendance

Jamie Austin ..... PacifiCorp  
 Jose Diaz..... Los Angeles Department of Water and Power  
 Sylvia Gard ..... Puget Sound Energy, Inc.  
 Michael Granados..... Los Angeles Department of Water and Power  
 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  
 Chifong Thomas ..... Thomas Grid Advisor  
 Yi Zhang.....California Independent System Operator

### Members not in Attendance

Tyler Butikofer ..... Energy Strategies  
 Renchang Dai ..... Puget Sound Energy, Inc.  
 Jennifer Galaway ..... Portland General Electric Company  
 Manuel Gomez..... El Paso Electric Company  
 Chris Hagman ..... American Transmission Company  
 Eliana Ibarra ..... Imperial Irrigation District  
 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  
 Stan Williams ..... Bonneville Power Administration-Transmission



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Di Xiao..... Southern California Edison Company

**Others in Attendance**

Jose Castaneda..... Imperial Irrigation District

Ashton Davis.....WECC

Joey Jones..... WECC

Nicole Lee .....WECC

Miguel Garcia.....Los Angeles Department of Water and Power

David Meyers .....Puget Sound Energy, Inc.

Eliana Orta.....Imperial Irrigation District

Kirha Quick.....WECC

Gary Simonson .....

Greg Stang.....Idaho Power

Angela Tanghetti .....California Energy Commission

Melissa Villa .....Imperial Irrigation District

