

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

Jon Jensen, Reliability Modeling Engineer, and Production Cost Data Subcommittee (PCDS) Member, called the meeting to order at 10:01 a.m. MT on December 6, 2023. A quorum was present to conduct business. A list of attendees is attached as Exhibit A.

## **2. Review WECC Antitrust Policy**

Mr. Jensen read aloud the WECC Antitrust Policy statement. The meeting agenda included a link to the posted policy.

## **3. Approve Agenda**

Mr. Jensen introduced the proposed meeting agenda.

**On a motion by Eliana Ibarra, the PCDS approved the agenda.**

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

Mr. Jensen introduced the minutes from the meeting on November 8, 2023.

**On a motion by Jennifer Galaway, the PCDS approved the minutes from November 8, 2023.**

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

Nicole Lee, Administrative Coordinator, reviewed action items carried over from the PCDS meeting on November 8, 2023. Action items that are not closed and will be carried forward can be found [here](#).

## **6. 2032 ADS V2.4.3**

Mr. Jensen presented the 2032 Anchor Data Set (ADS) V2.4.3. This will be used as a starting point for the 2034 ADS.

**On a motion by Chifong Thomas, the PCDS approved the 2032 ADS PCM v2.4.3.**

## **7. Wind and Solar Capacity Factor Review**

Arkadeep Das, Associate II Reliability Modeling Engineer, presented wind and solar capacity factor. Mr. Das will post this on the WECC calendar, and it will be an approval item during the next PCDS meeting.

## **8. Non WECC Path Updates**

Mr. Jensen presented non-WECC Path updates. The PCDS discussed enforcing a limit in GridView, to monitor and see what is going on. Mr. Jensen will add a slide to the presentation showing changes were not made to Path 66.

**On a motion by Yi Zhang, the PCDS approved the non-WECC Path updates from 23 to record limit 99,999 and SRP monitor and record enforced limit.**

## **9. Path Rating Updates Phases II and III**

Mr. Jensen presented path rating updates Phases II and III.

**On a motion by Chifong Thomas, the PCDS agreed to use the 2023 path rating catalog updates phase II and III when applicable.**

## **10. Forced Outage Rates**

Mr. Jensen presented forced outage rates (FOR). The three-year or five-year ranges were discussed. Mr. Jensen will follow up with Intertek on EFORD rates.

## **11. Wheeling Rates**

Mr. Jensen presented wheeling rates. Due to time constraints, the discussion will continue during the next PCDS meeting.

## **12. Prices and Costs**

Mr. Jensen will present on prices and cost during the next PCDS meeting.

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

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

Mr. Jensen will present on keeping track of GridView during the following PCDS meeting.

## **14. Public Comment**

No comments were made.

## **15. Review New Action Items**

- Post the updated wind and solar capacity factor on the WECC website and present an update during the December 13 PCDS meeting
  - Assigned To: Arkadeep Das
  - Due Date: December 13, 2023



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- Add a slide to presentation showing Path 66 non-WECC path was not updated and post to WECC website
  - Assigned To: Jon Jensen
  - Due Date: December 13, 2023
- Contact Nikhil with Intertek to verify EFORD rates
  - Assigned To: Jon Jensen
  - Due Date: December 13, 2023

### 16. Upcoming Meetings

December 13, 2023 ..... Virtual

January 3, 2024 ..... Virtual

January 17, 2024 ..... Virtual

### 17. Adjourn

Mr. Jensen adjourned the meeting without objection at 11:42 a.m.



## Exhibit A: Attendance List

### Members in Attendance

Jamie Austin ..... PacifiCorp  
Jennifer Galaway ..... Portland General Electric Company  
Eliana Ibarra ..... Imperial Irrigation District  
Jon Jensen..... WECC  
Anders Johnson..... Bonneville Power Administration—Transmission  
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

Lee Alter..... Tucson Electric Power  
Tyler Butikofer ..... Energy Strategies  
Renchang Dai ..... Puget Sound Energy, Inc.  
Jose Diaz..... Los Angeles Department of Water and Power  
Sylvia Gard ..... Puget Sound Energy, Inc.  
Manuel Gomez..... El Paso Electric Company  
Chris Hagman ..... American Transmission Company  
Kevin Harris ..... Pacific Northwest National Laboratory  
Fred Heutte..... NW Energy Coalition  
Bill Hosie..... PSI Power System Innovation Corp.  
Chelsea Loomis ..... Western Power Pool  
Akhil Mandadi..... Arizona Public Service Company  
John D. Martinsen..... Public Utility District No. 1 of Snohomish County  
Christopher McLean..... California Energy Commission  
Nader Samaan..... Pacific Northwest National Laboratory  
Dan Schaefer..... Salt River Project



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Jonathan Stahlhut ..... TransCo Energy, LLC  
Emily Tozier ..... Salt River Project  
Stan Williams ..... Bonneville Power Administration—Transmission  
Di Xiao ..... Southern California Edison Company

### Others in Attendance

Hazel Aragon ..... Sacramento Municipal Utility District  
Peter Ashcroft ..... WECC  
Jose Castaneda ..... Imperial Irrigation District  
Arkadeep Das ..... WECC  
Enoch Davies ..... WECC  
Ashton Davis ..... WECC  
Nicole Lee ..... WECC  
Julia Napolitano ..... WECC  
Melissa Villa ..... Imperial Irrigation District  
Matt Zapotocky ..... WECC

