

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

Kevin Harris, Production Cost Data Subcommittee (PCDS) Co-chair, called the meeting to order at 10:03 a.m. MT on October 11, 2023. 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 September 13, 2023

**On a motion by Chifong Thomas, the PCDS approved the minutes from September 13, 2023.**

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

Nicole Lee, Administrative Coordinator, reviewed action items carried over from the PCDS meeting on September 27, 2023. Action items that are not closed and will be carried forward can be found [here](#).

## **6. PCDS Engagement Survey Takeaways**

Mr. Jensen presented the PCDS engagement survey takeaways. The survey was provided a few months ago, and there was a good response rate.

## **7. PCDS L&R Demand Requests for ADS**

Mr. Jensen presented the PCDS loads and resources (L&R) demand requests for the Anchor Data Set (ADS). The PCDS discussed asking for necessary codes for now and working

separately with data submitters on which load shape items are necessary. Mr. Jensen will add *yes* or *no* columns for the supplemental load codes to the L&R request form.

## **8. Update on Heat Rates**

Mr. Jensen provided an update on heat rates.

## **9. Update on County level BTM PV Distribution to Load Buses in County**

Arkadeep Das, Reliability Modeling Engineer, provided an update on behind-the-meter (BTM) photovoltaic (PV) distribution at the county level.

## **10. BTM Storage**

Mr. Jensen presented the BTM storage approval item on modeling California Energy Commissions (CEC) BTM storage as generator for San Diego Gas and Electric (SDG&E), California Independent System Operator (CAISO), Pacific Gas and Electric (PG&E), Southern California Edison (SCE). Mr. Jensen will review modeling of energy storage for future ADS.

**On a motion by Chelsea Loomis, the PCDS approved the modeling approach of using the CEC BTM storage data as a data source for SDG&E, CAISO, PG&E, and SCE.**

## **11. Cycling Data**

Mr. Jensen presented cycling data and the modeling of cycling data from the 2020 Intertek report. Mr. Jensen will reach out to Intertek for cycling data for Version 2 of the ADS.

**On a motion by Kevin Harris, the PCDS approved the modeling of cycling data from the 2020 Intertek report and asking Intertek for updates for Version 2 of the ADS.**

## **12. Forced Outage Rates**

Mr. Jensen presented on forced outage rates (FOR).

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

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

Mr. Jensen presented the tracking list of GridView issues.

## **14. CEC Hourly Loads**

Mr. Harris will present the CEC hourly loads during a future meeting.

## **15. Public Comment**

No comments were made.



## 16. Review New Action Items

- Add *yes* or *no* columns for the supplemental load codes to the L&R request
  - Assigned To: Jon Jensen and Kevin Harris
  - Due Date: October 25, 2023
- Reach out to Intertek for cycling data for Version 2 of the ADS
  - Assigned To: Jon Jensen
  - Due Date: April 1, 2024
- Review modeling of energy storage
  - Assigned To: Jon Jensen
  - Due Date: January 1, 2024

## 17. Upcoming Meetings

October 25, 2023..... Virtual  
November 8, 2023..... Virtual  
November 22, 2023..... Virtual

## 18. Adjourn

Mr. Harris adjourned the meeting without objection at 11:36 a.m.



## Exhibit A: Attendance List

### Members in Attendance

Jamie Austin ..... PacifiCorp  
Jennifer Galaway ..... Portland General Electric Company  
Sylvia Gard ..... Puget Sound Energy, Inc.  
Kevin Harris ..... Pacific Northwest National Laboratory  
Eliana Ibarra ..... Imperial Irrigation District  
Jon Jensen ..... WECC  
Chelsea Loomis ..... Western Power Pool  
Kimberly McClafferty ..... NorthWestern Energy  
Christopher McLean ..... California Energy Commission  
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  
Jose Castaneda ..... Imperial Irrigation District  
Renchang Dai ..... Puget Sound Energy, Inc.  
Manuel Gomez ..... El Paso Electric Company  
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  
Stan Williams ..... Bonneville Power Administration—Transmission  
Di Xiao ..... Southern California Edison Company



## PCDS Meeting Minutes—October 11, 2023

### Others in Attendance

Hazel Aragon ..... Sacramento Municipal Utility District  
Peter Ashcroft.....WECC  
Arkadeep Das.....WECC  
Enoch Davies.....WECC  
Ashton Davis.....WECC  
Jose Diaz..... Los Angeles Department of Water and Power  
Ross Gomez .....Imperial Irrigation District  
Michael Granados..... Los Angeles Department of Water and Power  
Josh Hurst ..... Los Angeles Department of Water and Power  
Nicole Lee .....WECC  
Saad Malik .....WECC  
Melissa Villa .....Imperial Irrigation District  
Nathalie Voisen..... Pacific Northwest National Laboratory

