

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

Kevin Harris, Production Cost Data Subcommittee Co-chair, called the meeting to order at 10:03 a.m. MT on November 29, 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**

By consensus, the PCDS approved the agenda.

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

The previous minutes will be approved during the next meeting.

## **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. 2034 ADS Schedule Overview**

Mr. Jensen presented the 2032 Anchor Data Set (ADS) 2.4.3 schedule overview. Mr. Jensen will send an announcement when the updated version is posted.

## **7. Path Definitions**

Matt Zapotocky, Senior Reliability Assessments Engineer, presented the path re-rating review and definitions. The 2023 Catalog was compared to the 2034 heavy summer (HS)1.

**On a motion by Chifong Thomas, the PCDS approved to update ratings with the caveat that transmission updates and ratings in Phases II and III that are in by 2034 will be reviewed and captured.**

## **8. Path Re-ratings**

Mr. Zapotocky and Mr. Jensen presented the path re-ratings.

## **9. Nomograms**

Mr. Jensen presented the model nomograms.

**On a motion by Kevin Harris, the PCDS approved the path re-rating of paths 42, 72, and 32 pending feedback from other path contacts.**

## **10. Forced Outage Rates**

Mr. Zapotocky presented the forced outage rates. The PCDS would like to see the number of starts for coal and gas every year for the last 10 years.

## **11. Wheeling Rates—Discussion**

Mr. Jensen presented the wheeling rates. Mr. Jensen will update the rates and will present during the next meeting.

## **12. EIA vs. L&R vs. PF Comparison**

Ashton Davis, Staff Reliability Modeling Specialist, presented the EIA vs. loads and resources (L&R) power flow (PF) comparison. The updates will be posted next week.

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**

- Update path rating comparison to Phase II and Phase III projects that will be in by 2034 heavy summer
  - Assigned To: Jon Jensen and Matt Zapotocky
  - Due Date: December 6, 2023
- Present the table of what is currently in model for wheeling rates compared to new rates during the next meeting
  - Assigned To: Jon Jensen
  - Due Date: December 6, 2023



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- Look at the number of starts for coal and gas units by year
  - Assigned To: Jon Jensen and Matt Zapotocky
  - Due Date: December 6, 2023

### 16. Upcoming Meetings

December 6, 2023 ..... Virtual

December 20, 2023 ..... Virtual

January 3, 2024 ..... Virtual

### 17. Adjourn

Mr. Jensen adjourned the meeting without objection at 11:35 a.m.



## Exhibit A: Attendance List

### Members in Attendance

Jamie Austin ..... PacifiCorp  
Tyler Butikofer ..... Energy Strategies  
Renchang Dai ..... Puget Sound Energy, Inc.  
Jose Diaz ..... Los Angeles Department of Water and Power  
Kevin Harris ..... Pacific Northwest National Laboratory  
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  
Emily Tozier ..... Salt River Project  
Yi Zhang ..... California Independent System Operator

### Members not in Attendance

Lee Alter ..... Tucson Electric Power  
Jennifer Galaway ..... Portland General Electric Company  
Sylvia Gard ..... Puget Sound Energy, Inc.  
Manuel Gomez ..... El Paso Electric Company  
Chris Hagman ..... American Transmission Company  
Fred Heutte ..... NW Energy Coalition  
Bill Hosie ..... PSI Power System Innovation Corp.  
Eliana Ibarra ..... Imperial Irrigation District  
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



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

### Others in Attendance

Arkadeep Das.....WECC  
Ashton Davis.....WECC  
Michael Grandos..... Los Angeles Department of Water and Power  
Richard Jensen..... California Energy Commission  
Nicole Lee .....WECC  
Angela Tanghetti ..... California Energy Commission  
Matt Zapotocky.....WECC

