

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

Kevin Harris, Production Cost Data Subcommittee (PCDS) Chair, called the meeting to order at 10:02 a.m. MT on June 12, 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 June 5, 2024.

**On a motion by Chelsea Loomis, the PCDS approved the minutes from June 5, 2024.**

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

Mr. Jensen reviewed action items carried over from the PCDS meeting on June 5, 2024. Action items that are not closed and will be carried forward can be found [here](#).

## **6. Announcements**

Mr. Jensen announced that he received the units exempt from wheeling from Northwest Power and Conservation Council. Ashton Davis, Staff Reliability Modeling specialist, mapped it to the WECC units. Now it can be added to the Anchor Data Set (ADS) case.

## **7. Resources Update**

Mr. Jensen gave an update on the 2034 case. All the resources are in the case, this includes thermal, wind, solar, pump storage, battery storage, and hydro. He will do a final review to ensure they are all there, check the parameters from last cycle, and delete the units to be removed.

## 8. Generator Subtype Mapping, Fuel, and Technology Type Update

Mr. Jensen presented on the generator subtype mapping. The presentation included a review of generator subtypes separated into Existing Subtype, Simplified New Subtype, Unique New Simplified Subtype, and showed the LnR types. The Fuel Subtype is broken down into Existing Fuel Type, New Fuel Type, Unique New Fuel Type, and showed the LnR fuel types. The chart can be found on the PCDS Teams page.

## 9. Transmission Projects to be Included in 2034 HS1 Case Update

Mr. Jensen presented on the SunZia HVDC, TransWest Express, and Southwest Intertie Project, SWIP North Transmission projects. For the SunZia project, construction started in 2023. It is expected to be fully energized in 2025, with full commercial operations happening in the first half of 2026. The report from SunZia can be found on the WECC website.

**On a motion by Chifong Thomas, the PCDS approved to add the SunZia project to 2034 ADS Production Cost Model (PCM).**

For the TransWest Express, he received the change set for the TransWest Express with associated wind resources. It includes the dc and the ac components. The SWIP North Transmission project has part of it in the ADS case already, but not all. SWIP provided a change set so that it can be applied. The presentation is available on the WECC website.

**On a motion by Ms. Thomas, the PCDS approved to add the TransWest and SWIP North project and associated supply available as change sets.**

## 10. Keeping Track of GridView Issues

Mr. Harris is creating a new dataset.

Mr. Jensen reached out to Hitachi and asked where they stood on cycling batteries over multiple days. Their response was that they are still testing.

## 11. Public Comment

It was discussed and decided to skip the July 3, 2024, meeting and to hold a meeting on July 10, 2024.

## 12. Review New Action Items

- Make wheeling cost high into PAC area for TWE in Wyoming.
  - Assigned To: Jon Jensen
  - Due Date: June 19, 2024



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- Inform SRS and StS that the SunZia project and the associated supply will be in the 2034 ADS PCMV2. Also, that the TransWest Express and SWIP North and the associated supply change sets are available.
  - Assigned To: Jon Jensen
  - Due Date: June 19, 2024
- Check supply for SunZia Project. How much is being added.
  - Assigned To: Jon Jensen
  - Due Date: June 19, 2024
- Check whether the TWE supply is already in the L&R.
  - Assigned To: Jon Jensen
  - Due Date: June 19, 2024
- Cancel the July 3, 2024, meeting. Add a meeting on July 10, 2024.
  - Assigned To: Joey Jones
  - Due Date: June 19, 2024

### 13. Upcoming Meetings

June 19, 2024.....	Virtual
June 26, 2024.....	Virtual
July 10, 2024.....	Virtual
July 17, 2024.....	Virtual

### 14. Adjourn

Mr. Harris adjourned the meeting without objection at 10:50 a.m. MT.



## Exhibit A: Attendance List

### Members in Attendance

Tyler Butikofer ..... Energy Strategies  
Sylvia Gard ..... Puget Sound Energy, Inc.  
Michael Granados ..... Los Angeles Department of Water and Power  
Kevin Harris ..... Pacific Northwest National Laboratory  
Richard Jensen ..... California Energy Commission  
Jon Jensen ..... WECC  
Chelsea Loomis ..... Western Power Pool  
Effat Moussa ..... San Diego Gas and Electric  
Gary Simonson ..... PacifiCorp  
Chifong Thomas ..... Thomas Grid Advisor  
Bharat Vyakaranam ..... Pacific Northwest National Laboratory

### Members not in Attendance

Renchang Dai ..... Puget Sound Energy, Inc.  
Jose Diaz ..... Los Angeles Department of Water and Power  
Jennifer Galaway ..... Portland General Electric Company  
Anders Johnson ..... Bonneville Power Administration—Transmission  
Kimberly McClafferty ..... NorthWestern Energy  
Eliana Orta ..... Imperial Irrigation District  
Nader Samaan ..... Pacific Northwest National Laboratory  
Stan Williams ..... Bonneville Power Administration—Transmission  
Di Xiao ..... Southern California Edison Company  
Yi Zhang ..... California Independent System Operator

### Others in Attendance [Only for technical committees]

Miguel Garcia ..... Los Angeles Department of Water and Power  
Joshua Hurst ..... Los Angeles Department of Water and Power  
Joey Jones ..... WECC



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John Liang.....Public Utility District No. 1 of Snomish County

Anuj Patil .....WECC

Jacob Richardson ..... Western Resource Advocates

