

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

Jon Jensen, Senior Engineer Reliability Modeling, Production Cost Data Subcommittee, (PCDS) Liaison, called the meeting to order at 10:01 a.m. MT on July 10, 2024. 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 Tyler Butikofer, the PCDS approved the agenda from July 10, 2024.**

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

Mr. Jensen introduced the minutes from the meeting on June 26, 2024.

**On a motion by Gary Simonson, the PCDS approved the minutes from June 26, 2024.**

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

Mr. Jensen reviewed action items carried over from the PCDS meeting on June 26, 2024. Action items that are not closed and will be carried forward can be found [here](#).

## **6. Announcements**

Mr. Jensen announced that he placed “GridView issues to be aware of” on the team site. It may be updated as needed.

## **7. 2034 ADS PCM V2 Draft Update**

Mr. Jensen gave a presentation on the Anchor Data Set (ADS) Production Cost Model (PCM) V2 draft update. He was able to do another run on the 2034 ADS V2, titled VH5\_SunZia. It was distributed into six runs. The changes from the last run to this run are updates to Path 15 (Path definitions) and Path 46 (N. Gila Imperial Valley #2), updated the DC Tie multipliers to one, and corrected the multipliers for some pumps that were incorrect. In the SunZia case, the wind

shapes are not reading correctly, so those will need to be fixed; meaning the multipliers will need to be updated. There are some things that will still need to be implemented. Next, he discussed the Colstrip units and the different owners. It was decided to turn one Colstrip unit on in the case and keep the other one off. Then he will be able to provide a change set to turn the other Colstrip unit on so both will be on at the discretion of the modeler. The presentation also had charts showing the megawatt capacity of wind and solar, gigawatt-hour annual energy storage, and annual energy broken down into subtype. There is a slide on coal differences that were retired in V1 but active in V2. The next chart shows spillage comparison in gigawatt hours from V1 to V2. Then the Sierra Pacific Power Company (SPPC) congestion, elements, and costs, that might be contributing to the high curtailment. It also included a chart on regional net transfers, and net annual flow and the utilization chart. Path 66 and Path 46 California-Oregon Intertie (COI), hourly flow, and COI+Pacific DC Intertie (PDCI), and Path 27 DC intertie, Path 65 DC intertie, Path 26 northern to southern California, Path 49 East of Colorado River, and Path 31. The presentation is available on the WECC website. The updated case will be posted to the team site after the next run.

## **8. Transmission Projects Follow-up**

Mr. Jensen commented on the SunZia HVDC, TransWest Express and SWIP North projects. Still working on creating the change sets for TransWest Express and SWIP North. Focusing on getting the case ready.

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

No comments were made.

## **10. Public Comment**

It was decided to add a meeting on July 24, 2024.

## **11. Review New Action Items**

- Turn off one Colstrip unit, make changes to case to turn it back on.
  - Assigned To: Jon Jensen and Anuj Patil
  - Due Date: July 17, 2024
- DC ties remove loads.
  - Assigned To: Jon Jensen and Anuj Patil
  - Due Date: July 17, 2024
- Change Cherokee 4 subtype to gas instead of coal.
  - Assigned To: Jon Jensen and Anuj Patil
  - Due Date: July 17, 2024



## PCDS Meeting Minutes—July 10, 2024

- Check possible limits on COI+PCDI (6200-4000)
  - Assigned To: Jon Jensen and Anuj Patil
  - Due Date: July 17, 2024
- Send email to PCDS after the latest case has been posted to the PCDS team site.
  - Assigned To: Jon Jensen and Anuj Patil
  - Due Date: July 17, 2024
- Create spread sheet for congestion hours and congestion cost in relation to branches and interfaces.
  - Assigned To: Jon Jensen and Anuj Patil
  - Due Date: July 17, 2024
- Plot hydro and California solar alongside of COI+PCDI.
  - Assigned To: Jon Jensen and Anuj Patil
  - Due Date: July 17, 2024
- Plot path 65, 66, and 26 on the same slide.
  - Assigned To: Jon Jensen and Anuj Patil
  - Due Date: July 17, 2024

## 12. Upcoming Meetings

July 17, 2024..... Virtual

July 24, 2024..... Virtual

July 31, 2024..... Virtual

## 13. Adjourn

Mr. Harris adjourned the meeting without objection at 11:02 a.m.



## Exhibit A: Attendance List

### Members in Attendance

Tyler Butikofer ..... Energy Strategies  
Jose Diaz..... Los Angeles Department of Water and Power  
Jennifer Galaway ..... Portland General Electric Company  
Kevin Harris ..... Pacific Northwest National Laboratory  
Jon Jensen.....WECC  
Richard Jensen..... California Energy Commission  
Effat Moussa..... San Diego Gas and Electric  
Eliana Orta.....Imperial Irrigation District  
Gary Simonson.....PacifiCorp  
Yi Zhang.....California Independent System Operator

### Members not in Attendance

Renchang Dai ..... Puget Sound Energy, Inc.  
Sylvia Gard ..... Puget Sound Energy, Inc.  
Michael Granados..... Los Angeles Department of Water and Power  
Anders Johnson.....Bonneville Power Administration—Transmission  
Chelsea Loomis ..... Western Power Pool  
Kimberly McClafferty .....NorthWestern Energy  
Nader Samaan..... Pacific Northwest National Laboratory  
Chifong Thomas ..... Thomas Grid Advisor  
Bharat Vyakaranam..... Pacific Northwest National Laboratory  
Stan Williams .....Bonneville Power Administration—Transmission  
Di Xiao..... Southern California Edison Company

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

Lance Felleson ..... PacifiCorp  
Joey Jones.....WECC  
John Liang.....SNPD



## PCDS Meeting Minutes—July 10, 2024

David Meyer.....Puget Sound Energy, Inc.  
Anuj Patil .....WECC  
Kellen Romero.....WECC  
David Tovar..... Epelectric  
Jiewei Zheng..... Los Angeles Department of Water and Power

