

## 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 May 22, 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. **PNNL Wind Database**

Allison Campbell presented on the PNNL wind power database. This included a talk about the wind power datasets for power system planning, existing wind power datasets, and what they know about the gaps. She also talked about the PNNL portal for wind power data, wind synthesis, and analytics for interconnection locations. The Department of Energy (DOE) has created the Wind Data Hub; it has a wealth of wind data. She demonstrated how to login and navigate the website.

## 5. **Auxiliary loads—Should they be included?**

The PCDS discussed including Code 70, the conservation and energy efficiency, and Code 73, the standby demand under contract in the auxiliary loads. Currently, WECC are not using these loads. It was decided that they add up how much Code 70 and Code 73 they have in the latest 2024 Loads & Resource (L&R), and that will help them make the decision later weather to use them.

## 6. **Path Rating Review (2024 Path Rating Catalog)**

Anuj Patil, Senior Reliability Modeling Engineer, presented a review of the Path Ratings and 2024 Path Rating Catalog. The presentation showed the updated WECC Path Rating and WECC

Path definition updates. The non-WECC Paths were turned off, and approval was only on the WECC Paths. The presentation is posted on WECC.org.

**On a motion by Chelsea Loomis, the PCDS approved the WECC Path Ratings as presented and from the 2024 Path Rating Catalog.**

## **7. PNNL Hydro Update**

Nathalie Voisin gave an update on the PNNL hydro project. She discussed the fixed schedule plants update. There are 118 generators, and none are being updated with hourly generation data. The update may increase to 51 generators, which would be 295 MW nameplate capacity and could become dispatchable. PNNL has manually evaluated all the fixed data and is adding the nine hourly generators to the new dataset. Ms. Voisin also discussed the update dataset with reproducible code and documentation. PNNL is creating a jupyter notebook that describes step by step how the data is being created. This is the most state-of-the-art system, so anyone to go and run it themselves and have explicit tracking of the data source.

The updated dataset will be delivered to WECC by June 1. It will include reproducible and documented information on the fixed vs. dispatchable plants reviewed and updated and the combined sources of data. The Core Columbia is still in discussion. The Canada extension and new ADS will be submitted to BC Hydro for review by June 15.

## **8. Loads Review (2024 L&R) Next Meeting**

This topic was moved to a future meeting.

## **9. Weekly Meetings or Two-hour Meetings Until ADS V2 Release**

The PCDS discussed having weekly meetings or two-hour meetings until the release of ADS V2. The committee decided to do hold weekly meetings until the ADS is released.

## **10. FERC Order 1920—Requirements to Perform Longer-term (20-year) Economic Assessment**

This topic was moved to a future meeting.

## **11. Public Comment**

No public comments were made.

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

Approval of the minutes from the meeting on May 8, 2024, has been postponed until the next meeting.



**13. Review Previous Action Items**

The PCDS did not review action items carried over from the meeting on May 8, 2024. Action items that are not closed and will be carried forward can be found [here](#).

**14. Review New Action Items**

There were no new action items created during this meeting.

**15. Upcoming Meetings**

May 29, 2024.....	Virtual
June 5, 2024.....	Virtual
June 12, 2024.....	Virtual

**16. Adjourn**

Mr. Harris adjourned the meeting without objection at 11:31 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

Richard Jensen..... California Energy Commission

Jon Jensen.....WECC

Anders Johnson.....Bonneville Power Administration—Transmission

Chelsea Loomis..... Western Power Pool

Kimberly McClafferty .....NorthWestern Energy

Effat Moussa..... San Diego Gas and Electric

Eliana Orta .....Imperial Irrigation District

Nader Samaan..... Pacific Northwest National Laboratory

Gary Simonson..... PacifiCorp

Di Xiao..... Southern California Edison Company

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

Chifong Thomas ..... Thomas Grid Advisor

Stan Williams .....Bonneville Power Administration—Transmission

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

Allison Campbell ..... Pacific Northwest National Laboratory

Jose Castaneda .....Imperial Irrigation District

Max Code..... Pattern Energy

Ashton Davis.....WECC



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Agnieszka Hernandez.....Imperial Irrigation District  
Colby Johnson.....Energy Strategies  
Joey Jones.....WECC  
Anuj Patil.....WECC  
Jacob Richardson.....WRA  
Chitra Sivaraman.....Pacific Northwest National Laboratory  
David Tovar.....EP Electric  
Nathalie Voisin.....USDOE

