

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

Jon Jensen, Senior Reliability Modeling Engineer, Production Cost Data Subcommittee (PCDS) liaison, called the meeting to order at 10:08 a.m. MT on September 11, 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.

**By consensus, the PCDS approved the agenda.**

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

Mr. Jensen introduced the minutes from the meeting on August 28, 2024.

A request was made to postpone approval of the previous meeting minutes to the following meeting on October 2, 2024.

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

Mr. Jensen reviewed action items carried over from the PCDS meeting on August 28, 2024. Action items that are not closed and will be carried forward can be found [here](#).

## **6. Announcements**

The meeting scheduled for September 25, 2024, has been rescheduled for October 2, 2024.

WECC has been working with Bharat Vyakaranam and Tony Nguyen with Pacific Northwest National Laboratory (PNNL), to map the Anchor Data Set (ADS) power flow to the ADS Production Cost Model (PCM). The C-page tool is able to export any hour from the ADS PCM into a solved power flow case.

## **7. 2034 ADS PCM V2 Follow-up**

Mr. Jensen gave an update on the 2034 ADS PCM V2. A change case has been created that will update the Non-conforming Load (NCL) status to the matching loads status in the 2032 case. There is a problem uploading ADS documents to the new wecc.org; the problem should be resolved soon. There is also a list of change cases available on the PCDS Teams site. Path 42 has a proposal for a transferal increase from 1,115 to 1,400 MW. This proposal is not included in the 2034 ADS V2, but it will be in the 2025 Path Rating Catalog, as long as the proposal is in Phase 2.

The presentation is on the WECC website.

## **8. Phase Angle Regulator Review**

Mr. Jensen led a discussion on the phase angle regulators. There is a graph in the presentation showing hourly power flow of specific branches that were controlled by phase angle regulators.

## **9. Review New Supply Locations**

WECC is working on the updated supply locations for placed units from the Loads and Resources submittal. These include units that did not include a bus number in the original submittal. Updating the supply locations involves moving units due to curtailment and congestion issues.

## **10. Modeling Assumptions for Future Generators and Transmissions**

The group discussed turning off Tier 3 future conceptual units. The group concluded that it would add the Tier 3 into the case, make sure there are no transmissions associated, and will turn them off.

## **11. SERVVM Users in the PCDS**

This topic will be reviewed in a future meeting.

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

Labs is looking for the location of the correction so they can do the flex reserve calculation.

## **13. Public Comment**

No comments were made.



## 14. Review New Action Items

- Check 2024 Path Rating Catalog for Path 42, if increased transfer limit of 1,400 MW is included in any of the phases.
  - Assigned To: Jon Jensen and Anuj Patil
  - Due Date: October 2, 2024
- Update titles of interfaces to include direction. EX. (W-E)
  - Assigned To: Jon Jensen and Anuj Patil
  - Due Date: October 2, 2024
- Add NERC Tier definitions to the presentation.
  - Assigned To: Jon Jensen
  - Due Date: October 2, 2024
- Update Tier 3 removal change case to not include DR and CAISO units that were labeled as future conceptual T3 but are actually T2.
  - Assigned To: Jon Jensen
  - Due Date: October 2, 2024

## 15. Upcoming Meetings

October 2, 2024..... Virtual

October 9, 2024..... Virtual

October 23, 2024..... Virtual

## 16. Adjourn

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



## PCDS Meeting Minutes—September 11, 2024

### Exhibit A: Attendance List

#### Members in Attendance

Max Code.....Pattern Energy Group LP  
Jose Diaz..... Los Angeles Department of Water and Power  
Lance Felleson.....PacifiCorp  
Sylvia Gard.....Puget Sound Energy, Inc.  
Martin Green.....Pattern Energy Group LP  
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  
Chifong Thomas..... Thomas Grid Advisor  
Bharat Vyakaranam..... Pacific Northwest National Laboratory  
Di Xiao..... Southern California Edison Company  
Yi Zhang.....California Independent System Operator

#### Members not in Attendance

Tyler Butikofer.....Energy Strategies  
Renchang Dai.....Puget Sound Energy, Inc.  
Jennifer Galaway.....Portland General Electric Company  
Michael Granados..... Los Angeles Department of Water and Power  
Eliana Orta.....Imperial Irrigation District  
Nader Samaan..... Pacific Northwest National Laboratory  
Stan Williams.....Bonneville Power Administration—Transmission

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

Jose Castaneda.....Imperial Irrigation District



## PCDS Meeting Minutes—September 11, 2024

Anna Edwards .....Puget Sound Energy, Inc.  
Andrew Fay .....WECC  
Joey Jones.....WECC  
John Liang.....SNDP  
David Meyer.....Puget Sound Energy, Inc.

