

1. Welcome, Call to Order

Kevin Harris, Production Cost Data Subcommittee (PCDS) Chair, called the meeting to order at 10:02 a.m. on December 11, 2024. A quorum was present to conduct business. A list of attendees is attached as Exhibit A.

2. Review WECC Antitrust Policy

Jon Jensen, Senior 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.

On a motion by Kevin Harris, the PCDS approved the agenda.

4. Review and Approve Previous Meeting Minutes

Mr. Harris introduced the minutes from the meeting on December 4, 2024.

On a motion by Kevin Harris, the PCDS approved the minutes from December 4, 2024.

5. Review Previous Action Items

Mr. Jensen reviewed action items carried over from the PCDS meeting on December 4, 2024. Action items that are not closed and will be carried forward can be found on the WECC website.

Mr. Harris suggested the PCDS join the meeting from WECC.org to avoid any meeting link issues.

6. Announcements

Mr. Jensen provided an update on roundtrips. WECC and Pacific Northwest National Laboratory (PNNL) are exporting the production cost model (PCM) to the power flow (PF), or vice versa, which is known as a roundtrip. The matchup is close between the PCM and PF as of now. PNNL is working on a tool called C-PAGE that will help get solved power flows from an exported PCM hour. The tool should be complete soon. An update will be provided during the upcoming PCDS meeting.

7. 2034 ADS PCM V2 Follow-up

Mr. Jensen provided a follow-up on the 2034 Anchor Data Set (ADS) PCM. The latest case is posted on the PCDS team site. There were some runtime error issues that arose, but they have been resolved. The latest run was in GridView version 10.3.80 and it is currently looking ahead seven days, but the PCDS will discuss this further in depth during a future meeting if they want to change the look-ahead duration. Mr. Jensen will turn off all contracts in the generation list, add case names in the change case files name, and he will create an optional scenario with associated Tier 3 units on to relieve unserved load. The presentation can be found on the WECC website.

8. Non-Conforming Load Discussion

The PCDS discussed non-conforming load levels in areas, ratios, and data centers. The PCDS agreed that the short-term approach is to reach out to Sierra Pacific Power Company (SPPC) and Alberta Electric System Operator (AESO) on difference in loads and resources (L&R) load forecast vs. PF non-conforming load status. The long-term approach is to coordinate loads and non-conforming load status with the L&R and System Review Subcommittee (SRS). Mr. Jensen will reach out to British Columbia (BC) regarding the Kemano units serving 100% of the Alcoa load. If Alcoa load has a contract to shed load, and if Kemano sells the surplus to the BC market, then he will fix the unserved load. The presentation can be found on the WECC website.

9. Aggregated Energy Storage, Pump Storage Methodology, Process, and Results

The aggregated energy storage, pump storage methodology, process, and results will be discussed during a future PCDS meeting.

10. Future Inflator Discussion

The future inflator discussion was moved to a future PCDS meeting.

11. Keeping Track of GridView Issues

The GridView issue discussion will be moved to a future PCDS meeting.

12. Public Comment

No comments were made.

13. Review New Action Items

- Turn off all contracts in the generation list
 - Assigned To: Jon Jensen



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- Due Date: December 18, 2024
- Add case names in change case file name
 - Assigned To: Jon Jensen
 - Due Date: December 18, 2024
- Create optional scenario with associated Tier 3 units on to relieve unserved load
 - Assigned To: Anuj Patil
 - Due Date: December 18, 2024
- Short term—Approach SPPC and AESO on difference in L&R load forecast vs. PF non-conforming load status. Long term—coordinate loads and non-conforming load status with L&R and SRS
 - Assigned To: Jon Jensen
 - Due Date: December 18, 2024
- Mica repower update
 - Assigned To: Jon Jensen
 - Due Date: December 18, 2024
- SWIP North—Add Lava Ridge and Salmon Falls Wind (1060 MW)
 - Assigned To: Anuj Patil
 - Due Date: December 18, 2024
- Reach out to BC regarding Kemano serving 100% of Alcoa load, if Alcoa load has contract to shed load, if Kemano sells surplus to BC market, then fix the unserved load)
 - Assigned To: Jon Jensen
 - Due Date: December 18, 2024

14. Upcoming Meetings

December 18, 2024 Virtual
January 8, 2025 Virtual
January 15, 2025 Virtual

15. Adjourn

Mr. Harris adjourned the meeting without objection at 11:40 a.m.



Exhibit A: Attendance List

Members in Attendance

Stephen Benchluch Accelergen Energy
Jose Diaz..... Los Angeles Department of Water and Power
Kevin Harris Pacific Northwest National Laboratory
Jon Jensen.....WECC
Bhavana Katyal Portland General Electric Company
Effat Moussa..... San Diego Gas and Electric
Eliana Orta.....Imperial Irrigation District
Chifong Thomas Thomas Grid Advisor
Bharat Vyakaranam..... Pacific Northwest National Laboratory
Yi Zhang.....California Independent System Operator

Members not in Attendance

Tyler Butikofer Energy Strategies
Max Code.....Pattern Energy Group LP
Renchang Dai Puget Sound Energy, Inc.
Lance Felleson PacifiCorp
Sylvia Gard Puget Sound Energy, Inc.
Michael Granados..... Los Angeles Department of Water and Power
Martin Green Pattern Energy Group LP
Richard Jensen..... California Energy Commission
Anders Johnson.....Bonneville Power Administration—Transmission
Chelsea Loomis Western Power Pool
Kimberly McClaffertyNorthWestern Energy
Nader Samaan..... Pacific Northwest National Laboratory
Stan WilliamsBonneville Power Administration—Transmission
Di Xiao..... Southern California Edison Company



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Others in Attendance

Lee Alter..... Tucson Electric Power
Fred Heutte..... NW Energy Coalition
John D. Martinsen..... Public Utility District No. 1 of Snohomish County
Dan Schaefer..... Salt River Project
Jose Castaneda Imperial Irrigation District
Andrew Fay WECC
Nicole Lee WECC
Anuj Patil WECC
Jacob Richardson Western Resources

