

1. Welcome, Call to Order

Chelsea Loomis, Western Power Pool, called the meeting to order at 10:06 a.m. MT on November 30, 2022. A quorum was present to conduct business. A list of attendees is attached as Exhibit A.

2. Review WECC Antitrust Policy

Tyler Butikofer, System Adequacy Engineer, read aloud the WECC Antitrust Policy statement. The meeting agenda included a link to the posted policy.

3. Approve Agenda

Ms. Loomis introduced the proposed meeting agenda.

On a motion by Steve Wallace, the Production Cost Data Subcommittee (PCDS) approved the agenda.

4. Review and Approve Previous Meeting Minutes

Approval of the minutes from the meeting on November 9, 2022, has been postponed until the next meeting.

5. Review Previous Action Items

Daja Bell, Administrative Coordinator, reviewed action items carried over from the PCDS meeting on November 9, 2022. Action items that are not closed and will be carried forward can be found [here](#).

6. Colstrip 3 and 4

Mr. Butikofer presented the 2032 Anchor Data Set (ADS) production cost model (PCM) V2.3.1 results.

On motion by Ms. Loomis, the PCDS approved retirement of Colstrip unit 3 in 2025 and keeping Colstrip unit 4 as is.

The PCDS discussed finding a better way to find missing data for wind projects not submitted to Loads and Resources (L&R). The subcommittee discussed the impact of not having the correct data. The PCDS also discussed the possibility of creating a L&R task force or work group

to ensure that L&R data submitters are submitting the right amount of data. The subcommittee also discussed options for providing data submitters with instructions on what data to include, and the amount of data they should be submitting.

The presentation is posted to the [WECC website](#).

7. Results of V2.3

Jon Jensen, System Adequacy Engineer, presented the results from the ADS version 2.3.1. Mr. Jensen gave an update of the 2032 ADS Punch List, rows three to fourteen on the punch list are going to be closed for now and considered for the next ADS cycle. The subcommittee discussed the language in line-item number 4 and suggested revising the language to have better terminology for the PCM in the next cycle to avoid confusion.

8. Upcoming meeting schedule

The PCDS discussed upcoming meetings for the rest of the 2022 and the meeting schedule for the 2023. The subcommittee decided to have a tentative meeting on December 7, 2022, to discuss the merge of the PCDS and the Production Cost Modeling Subcommittee (PCMS). The subcommittees will need to discuss the charter for the combined PCDS and PCMS. The charter will be posted before the meeting.

The PCDS decided to meet every other week for ninety minutes on Wednesdays for the first quarter of 2023 depending on the workload, starting on January 18, 2023.

9. Public Comment

No comments were offered.

10. Review New Action Items

- Document why there are differences in the capacity between the PCM versus L&R.
 - Assigned To: WECC Staff
 - Due Date: January 18, 2022
- Provide generic profile for Alameda wind projects.
 - Assigned To: Yi Zhang
 - Due Date: December 7, 2022
- Connect with Idaho Power to inquire about wind capacity factors.
 - Assigned To: Tyler Butikofer
 - Due Date: December 7, 2022
- Follow up with WECC L&R staff to ensure we get the proper data from data submitters.
 - Assigned To: Tyler Butikofer
 - Due Date: December 7, 2022



- Discuss setting up a Loads and Resources task force with WECC Staff.
 - Assigned To: Tyler Butikofer
 - Due Date: January 18, 2022
- Follow up with Northwestern to make sure that 750 is included in the L&R.
 - Assigned To: Chelsea Loomis
 - Due Date: December 7, 2022

11. Upcoming Meetings

December 7, 2022,Virtual

January 18, 2023,Virtual

12. Adjourn

Ms. Loomis adjourned the meeting without objection at 11:23 a.m.



Exhibit A: Attendance List

Members in Attendance

Michael Granados..... Los Angeles Department of Water and Power
 Anders Johnson.....Bonneville Power Administration—Transmission
 Chelsea LoomisWestern Power Pool (formerly Northwest Power Pool Corporation)
 Kimberly McClaffertyNorthWestern Energy
 Effat Moussa..... San Diego Gas and Electric
 Steven Wallace Comprehensive Power Solutions, LLC
 Yi Zhang.....California Independent System Operator

Members not in Attendance

Lee Alter..... Tucson Electric Power
 Hazel Aragon California Energy Commission
 Jamie AustinPacifiCorp
 Jose Diaz..... Los Angeles Department of Water and Power
 Christopher Fecke-Stoudt..... Arizona Public Service Company
 Jonathon Flores Los Angeles Department of Water and Power
 Monica Garcia El Paso Electric Company
 Manuel Gomez..... El Paso Electric Company
 Chris Hagman..... American Transmission Company
 Kevin Harris Pacific Northwest National Laboratory
 Bill Hosie..... PSI Power System Innovation Corp.
 Eliana IbarraImperial Irrigation District
 Tito Inga-Rojas British Columbia Hydro and Power Authority
 Harris LeeSalt River Project
 Amy Li..... Southern California Edison Company
 John Liang..... Public Utility District No. 1 of Snohomish County
 Peter Mackin..... GridBright, Inc.
 Akhil Mandadi..... Arizona Public Service Company



John D. Martinsen..... Public Utility District No. 1 of Snohomish County
Hank McIntosh San Diego Gas and Electric
Ahlmahz Negash Tacoma Power
Daniel Ramirez..... Energy Strategies
Matthew StajcarNorthWestern Energy
Sirisha TanneeruPublic Service Company of Colorado (Xcel Energy)
Chifong Thomas Thomas Grid Advisor
Emily TozierSalt River Project
Xiaobo WangCalifornia Independent System Operator
Stan WilliamsBonneville Power Administration—Transmission
Di Xiao..... Southern California Edison Company

Others in Attendance

Daja BellWECC
Tyler ButikoferWECC
Arakadeep Dees.....WECC
Jon JensonWECC

