

1. Welcome, Call to Order

Jamie Austin, Production Cost Data Subcommittee (PCDS) Chair, called the meeting to order at 10:33 a.m. MT on June 28, 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. Austin introduced the proposed meeting agenda.

On a motion by Chifong Thomas, the PCDS approved the agenda.

4. Review and Approve Previous Meeting Minutes

Ms. Austin introduced the minutes from the meeting on May 24, 2022, and June 14, 2022.

On a motion by Chifong Thomas, the PCDS approved the minutes from May 24, 2022, and June 14, 2022.

5. Status of data implementation in the 2032 ADS

Mr. Butikofer presented the data implementation status for the 2032 Anchor Data Set (ADS), including the data fixes that were previously identified. There are some reference cases that are not resolved. The 2022 resources were added. It will be validated to ensure the resources that are off are removed.

The Anchor Power Flow Work Group (APFWG) and Pacific Northwest National Laboratory (PNNL) will be meeting to discuss solving the power flow (PF) export-hour case from the Production Cost Model (PCM). The AB32 nomograms and the CO₂ cost will be presented during the next meeting. Verification will be done to determine if hydro should be spilled at the same level, before, or after wind and solar. The PCDS discussed the spillage in the 2032 ADS.

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

6. Summary of latest Dispatch

Ms. Austin presented the summary of the latest dispatch, incremental fixes, and Pmax violations. Research is still needed on British Columbia (BC) hydro and an update for hydro modeling validation will be given the next PCDS meeting. The PCDS discussed the load issues found and the need for further research. The PCDS discussed that ADS loads are served from loads and resources (L&R) resources, there is no need for other resources in the case, consistently, unserved energy and spillage need to be fixed.

The PCDS was encouraged to assist with the pending work to help meet the ADS case deadline of June 30, 2022. The PCDS discussed the issues that still need to be resolved and that waiting to post the ADS case after the deadline may be required to resolve the issues. If data submitters do not respond, the ADS case will move forward.

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

7. Public Comment

The PCDS agreed to change the next PCDS meeting time for July 5, 2022, to 2:00 p.m. MT.

8. Review New Action Items

- Present what was modeled for CO₂ cost and AB32 with PCDS.
 - Assigned To: Jon Jensen
 - Due Date: July 5, 2022
- Contact Janice Zewe, Sacramento Municipal Utility District (SMUD) to verify if hydro should be spilled at the same level, before, or after wind and solar.
 - Assigned To: Tyler Butikofer
 - Due Date: July 5, 2022
- Compare ADS capacity to the L&R data.
 - Assigned To: WECC Staff
 - Due Date: July 5, 2022

9. Upcoming Meetings

June 28, 2022.....Virtual
 July 5, 2022.....Virtual
 July 12, 2022.....Virtual

10. Adjourn

Ms. Austin adjourned the meeting without objection at 12:15 p.m.



Exhibit A: Attendance List

Members in Attendance

Jamie Austin PacifiCorp
 Chelsea Loomis Western Power Pool
 Effat Moussa San Diego Gas and Electric
 Chifong Thomas Thomas Grid Advisor
 Emily Tozier Salt River Project
 Steven Wallace Comprehensive Power Solutions, LLC
 Stan Williams Bonneville Power Administration—Transmission
 Yi Zhang..... California Independent System Operator

Members not in Attendance

Lee Alter..... Tucson Electric Power
 Hazel Aragon California Energy Commission
 Ben Brownlee Energy Strategies
 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
 Michael Granados..... Los Angeles Department of Water and Power
 Chris Hagman American Transmission Company
 Kevin Harris Pacific Northwest National Laboratory
 Bill Hosie..... PSI Power System Innovation Corp.
 Tito Inga-Rojas British Columbia Hydro and Power Authority
 Anders Johnson..... Bonneville Power Administration—Transmission
 Harris Lee Salt 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
Kimberly McClaffertyNorthWestern Energy
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)
Xiaobo Wang.....California Independent System Operator
Di Xiao..... Southern California Edison Company

Others in Attendance

Tyler ButikoferWECC
Stan Holland.....WECC
Jon Jensen.....WECC
Richard Jensen..... California Energy Commission
Bhavana KatyalWECC
Mark Koostra..... California Energy Commission
Nicole LeeWECC
Matthew StajcarNorthWestern Energy
Jan Strack San Diego Gas and Electric
Alyssa Tavares California Energy Commission
Byron WoertzWECC

