

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

Jamie Austin, Production Cost Data Subcommittee (PCDS) Chair, called the meeting to order at 10:09 a.m. on June 15, 2021. 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 Planning 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**

The PCDS will table the approval of the May 25, 2021 minutes pending the comments made by Chifong Thomas are added for the committee to review.

## **5. Review the 2032 ADS Draft Work Plan**

Ms. Austin presented the Draft 2032 PDWG Work Plan, Work Process Diagram and Work Schedule. She spoke about the changes in the process including the forming of the Anchor Power Flow Work Group (APFWG). Relative to the Process Diagram, a change was made that incorporates mapping resources from the 2021 Loads and Resources (L&R), using the 2032 Heavy Summer (32HS1) power flow (PF) to reduce incremental changes by the time resources from the 2022 L&R submittals become available. Regarding the Work Plan data update table for the 2030 ADS section should be filled out to help determine what needs to be updated in the 2032 ADS. Ms. Austin requested the work plan be sent and comments provided by members. Mr. Butikofer asked how the work plan differs from the process guide. Ms. Austin responded that it is specific to the 2032 ADS; whereas, the Process guide is more generic and addresses the ADS process.

Jamie presented a high-level draft quarterly work plan schedule. She showed that there is a detailed schedule that includes when items need to be delivered. Ms. Austin also reviewed pending actions items with major items highlighted in yellow.

The draft 2032 work plan is posted to the [WECC Website](#).

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

The detailed schedule is posted to the [WECC Website](#).

## 6. Review the 2032 ADS Draft Work Schedule

Mr. Butikofer presented several questions on the PCDS Draft Quarterly Schedule. He commented that we need to capture when work is starting and ending. He asked each question with Ms. Austin and other members addressing each question. Jamie qualified that the quarterly schedule is high level and that it does not necessarily align with the detailed schedule as it was written prior to the detailed Schedule. The details of the conversation are as follows:

- Does “Work with APFWG on closing data gaps affecting the round trip (NorthernGrid Edits)” refer to all 21 round-trip export issues and when will this item end? Ms. Austin responded that through the APFWG will be doing to resource mapping in the PF and resolving how to deal with Pmin and Pmax will take care of the issues. It will be done through change in the process of building the ADS.
- Does “Resolving Pending Action Items” need to be in the schedule? Ms. Austin responded that there are items on the actions items that need work on in order to address problems to deliver on a scheduled date.
- For mapping resources in the L&R, is this under the APFWG? Ms. Austin responded that it is and that they get approval through the PCDS. For when mapping and placing resources, the activities will start in July and August
- Updating the Path Rating definitions in the PCM can start when the 2032 HS PF is available. Ms. Austin responded that this item is in Q1 of 2022 because there may be updates to paths and/or their ratings. Mr. Butikofer clarified that the work on updated the paths will start in 2021 but may need updated in 2022 because of changes to The Path Rating Catalog.
- We have a concern with updating fuel and other dispatch prices should not change between 2021 and 2022. Ms. Austin responded that the methodology can be determined in 2021 but the escalation factors are not available until Q1 2022. Mr. Butikofer and Ms. Austin agreed that we need to determine the methodology and any changes to the starting numbers, that we begin work in 2021.



- We have a concern about doing resource adequacy check. Jamie responded that we have always done resources adequacy. Stakeholders discussed that resource adequacy is important to inform if there are any concerns. Saad Malik, Director of Reliability Planning, responded to Ms. Austin that it takes a significant time and the WECC already does this in the Performance Analysis team. Ms. Austin agreed that we should work with the Performance Analysis team but that the resources adequacy will be done after June 30<sup>th</sup>.
- Work on the 2032 PCM documentation needs to be ongoing throughout the build process. Ms. Austin agreed that we need to do documentation throughout the build process.

Bhavana Katyal, Senior System Adequacy Engineer, presented the proposed high-level schedule from WECC staff. She indicated that this shows the pinch points and when work needs to begin to get a usable case posted by June 30<sup>th</sup> and that this can be modified but this is what WECC envisions to complete the main tasks. Ms. Katyal indicated that WECC recommends that most of the other data be done in 2021 with some items to be done in Q1 2022. Ms. Austin commented that getting the 2022 Loads and Resources (L&R) resource list in January or February was unacceptable and that there could be a lot of changes. Mr. Malik explained that the L&R process is a NERC process and WECC cannot unilaterally change this. He also indicated that we are trying to get a preliminary resource list in late 2021. Chifong Thomas, Smart Wires, indicated that the schedule should show work on 2022 L&R resource mapping in the schedule.

Ms. Austin expressed concern that the dataset cannot be validated with missing data and proposed the schedule be moved up to address resource mapping issues and give more time to validate the 2032 ADS PCM. Kevin Harris, Harris PCM, indicated that WECC is trying to come up with a game plan to make this work which includes starting earlier. Mr. Woertz suggested that he will create a consolidated action item list. He also asked that the schedule be sent out and asked the committee to review and submit their comments and suggestions over the next two weeks. Mr. Malik asked Ms. Austin to review the Schedule and let the WECC staff know if this will work moving forward.

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

## 7. Review of Previous and New Action Items

Ms. Austin proposed reviewing action items next week.

Action items that are not closed and will be carried forward can be found [here](#).



**8. Upcoming Meetings**

June 22, 2021 ..... Webinar

July 13, 2021 ..... Webinar

**9. Adjourn**

Ms. Austin adjourned the meeting without objection at 12:14 p.m.



## Exhibit A: Attendance List

### Members in Attendance

Jamie Austin.....PacifiCorp  
Kevin Harris..... Harris PCM  
John Liang.....Public Utility District No. 1 of Snohomish County  
Hank McIntosh..... San Diego Gas and Electric  
Chifong Thomas..... Smart Wires Inc.

### 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  
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  
Bill Hosie..... PSI Power System Innovation Corp.  
Greg Howes.....Colorado Springs Utilities  
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



Peter Mackin.....GridBright, Inc.  
Akhil Mandadi..... Arizona Public Service Company  
John D. Martinsen.....Public Utility District No. 1 of Snohomish County  
Effat Moussa..... San Diego Gas and Electric  
Ahlmahz Negash..... Tacoma Power  
Daniel Ramirez.....Energy Strategies  
Christa Rinehart..... NV Energy  
Sirisha Tanneeru.....Public Service Company of Colorado (Xcel Energy)  
Xiaobo Wang..... California Independent System Operator  
Stan Williams..... Bonneville Power Administration—Transmission  
Di Xiao..... Southern California Edison Company  
Yi Zhang..... California Independent System Operator

**Others in Attendance**

Tyler Butikofer..... WECC  
Enoch Davies..... WECC  
Jyotsna Chatrati..... NV Energy  
Nicholas Hatton..... WECC  
Jon Jensen..... WECC  
Bhavana Katyal..... WECC  
Nicole Lee..... WECC  
Chelsea Loomis..... Northwest Power Pool Corporation  
Saad Malik..... WECC  
Justin Radl..... EDF Renewable Energy  
Rachel Smith..... WECC  
Bharat Vyakaranam.....  
Byron Woertz..... WECC

