

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

Jeffrey Anderson, System Review Subcommittee (SRS) Co-chair, called the meeting to order at 10:03 a.m. MT on February 13, 2025. A quorum was present to conduct business. A list of attendees is attached as Exhibit A.

## **2. Review WECC Antitrust Policy**

Logan Affleck, Staff Engineer, read aloud the WECC Antitrust Policy statement. The policy can be found on [wecc.org](http://wecc.org).

## **3. Approve Agenda**

J. Anderson introduced the proposed meeting agenda.

**On a motion by Karen Reedy, the SRS approved the agenda.**

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

J. Anderson introduced the minutes from the meeting on December 12, 2024.

**On a motion by L. Affleck, the SRS approved the minutes from December 12, 2024.**

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

Serena Stiehl, Administrative Coordinator, reviewed action items carried over from the SRS meeting on December 12, 2024. Action items that are not closed and will be carried forward can be found on the WECC website SRS page under the Quick Links.

## **6. GMD Data Checking**

Ben Hutchins, Western Power Pool, presented geomagnetic disturbance (GMD) data checks developed to support TPL-007 GMD assessments.

## **7. SunZia Transmission Area Creation**

George Brown, Pattern Energy, discussed the creation of a new base case area for SunZia Transmission and presented the Data Processing Manual (DPM) Change Request—Creation of SunZia Transmission Area document.



**On a motion by Karen Reedy, the SRS approved the DPM Change Request—Creation of SunZia Transmission Area.**

## **8. RAS in Dynamics DPM Update**

K. Reedy, Public Service Company of New Mexico (PNM), presented a draft of the DPM change request for requiring data necessary for using Remedial Action Schemes (RAS) in dynamics studies. SRS member feedback has been requested before the formal approval in April, and members have been asked to discuss internally at their organizations regarding how long it would take to add dynamics information to RAS models.

## **9. WECC Base Case Process Improvements**

L. Affleck discussed updates WECC is making to the base case process to improve case quality and shared the Area Coordinator Checklist. It was suggested to add the Steady-state and Dynamics Dashboard (SADD) to the Area Coordinator Checklist. L. Affleck will make the addition and have it reviewed before posting the document to the SRS page on WECC website.

## **10. Public Comment**

K. Reedy discussed issues with Load Netting that PNM experienced while performing its Transmission Planning (TPL) assessment. She encouraged members who have not dealt as much with dynamic data to contact someone at their organization who does do stability analysis and works with that type of data. She also shared that she is concerned about the number of changes being made to dynamic data past when it has been submitted and asked what others are doing, whether they are paying attention to their data being netted out, and what other techniques are being used to catch these types of errors before performing studies. K. Reedy wants to start the discussion on what the SRS can do to help hold entities more accountable for providing accurate dynamic data, because the quality of data they have been getting from generator owners (GO) has been declining. Nick Hatton, Staff Engineer, shared that, a few years ago, WECC determined that area coordinators and data owners were not reviewing the dynamic data and looking for comments as expected. WECC staff have committed to K. Reedy to improve getting the netting section into the dynamics data adjustments going forward. N. Hatton also shared that a list of items that are permanently commented in the Master Dynamics File (MDF) was posted to the SRS page.

L. Affleck informed the SRS that the Siemens PSSE user group meeting is likely to be scheduled during the same week as the SRS meeting in April. He will work on moving the SRS meeting to the following week to accommodate. L. Affleck also shared that a MOD-032 drafting team is working on some updates to the MOD-032 standard. He is unsure what effects this change will have on the base case process or the DPM, but it will likely have an impact. The updated



## SRS Meeting Minutes—February 13, 2025

standard will be posted for public comment during April. N. Hatton provided further insights on what to expect in the update.

N. Hatton addressed a question regarding Zone ID or data center in an electric vehicle (EV) charger and informed SRS members that the focus of the Modeling and Validation Subcommittee (MVS) is to get the modular composite load model finalized.

### 11. Review New Action Items

- Discuss internally at your organization how long it would take to add dynamics information to RAS models
  - Assigned To: SRS Members
  - Due Date: April 10, 2025

### 12. Upcoming Meetings

April 10, 2025.....	Virtual
June 12, 2025.....	Virtual
August 14, 2025.....	Virtual

### 13. Adjourn

J. Anderson adjourned the meeting without objection at 12:00 p.m.



## Exhibit A: Attendance List

### Members in Attendance

Logan Affleck.....WECC

Jeffrey Anderson.....Western Area Power Administration

Jessica Benitez ..... Los Angeles Department of Water and Power

Emerson Butler.....Puget Sound Energy, Inc.

Daniel Cervantes..... Los Angeles Department of Water and Power

Lakmal Chandrasekara.....Turlock Irrigation District

Jyotsna Chatrati .....NV Energy

Jackson Daly .....Idaho Power Company

Tuan Dang .....Public Utility District No. 1 of Snohomish County

Alexia Dreher .....NV Energy

Lance Felleson.....PacifiCorp

Damon Fisher.....Avista Corporation

Linnea Gentry .....Idaho Power Company

Darold (Ben) Green .....PacifiCorp

James (Jim) Hadley.....Black Hills Corporation

Talal Hanna .....San Diego Gas and Electric

Jeff Hanson .....Colorado Springs Utilities

Ben Hutchins .....Western Power Pool

Lesley Kayser-Sprouse.....Hetch Hetchy Water and Power

Joshua Kitterman .....Tucson Electric Power

Christopher Lamb.....Public Utility District No. 1 of Chelan County

Ronnie Lau.....Pacific Gas and Electric Company

May Le.....Public Utility District No. 2 of Grant County

Richard Maguire .....Electrical Consultants, Inc.

Emily Moore.....Puget Sound Energy, Inc.

Emily Parry .....Public Utility District No. 1 of Snohomish County



## SRS Meeting Minutes—February 13, 2025

Kenny Poon ..... British Columbia Hydro and Power Authority  
Linda Pope..... Western Area Power Administration—Rocky Mountain Region  
Ryan Price ..... Sacramento Municipal Utility District  
Karen Reedy ..... Public Service Company of New Mexico  
Julio Rivera Alvarado..... Tucson Electric Power  
Tracy Rolstad..... Advantage Capital  
Daniel Sampedro ..... Imperial Irrigation District  
Xavier Sosa ..... Southern California Edison Company  
Muhammad Tayyab..... Western Area Power Administration  
Jerod Vandehey..... Public Utility District No. 1 of Cowlitz County  
Trevor Werho ..... Arizona Public Service Company

### Members not in Attendance

Ernest Ansu-Gyeabour ..... Western Area Power Administration  
Ian Beil..... Portland General Electric Company  
Nitin Bhavsar ..... Pacific Gas and Electric Company  
Jess Boatwright..... NorthWestern Energy  
Benjamin Borowiak ..... Arizona Electric Power Cooperative, Inc. (Arizona G&T Cooperatives)  
Christopher Brem ..... Portland General Electric Company  
Ron Calvert..... Utility System Efficiencies, Inc.  
Frank Chen ..... California Independent System Operator  
Marco Ciofani..... Alberta Electric System Operator  
Gene Duran ..... Public Service Company of Colorado (Xcel Energy)  
Stefano Figueroa ..... Tucson Electric Power  
Jessica Harris ..... North American Electric Reliability Corporation  
Vera Hart ..... California Independent System Operator  
Karli Hicks ..... Salt River Project  
Moises Inda ..... Centro Nacional de Control de Energia  
James Keller..... Western Area Power Administration - Rocky Mountain Region



## SRS Meeting Minutes—February 13, 2025

Jordan Keomanivanh ..... Portland General Electric Company  
Seong Tae Kim ..... PacifiCorp  
Slaven Kincic ..... Pacific Northwest National Laboratory  
Pranav Kishore..... Burns & McDonnell (1898 and Co.)  
Kalin Lee ..... Bonneville Power Administration  
Chelsea Loomis ..... Western Power Pool  
Peter Mackin..... GridBright, Inc.  
Mark Mallard ..... NorthWestern Energy  
Nima Miri ..... Seattle City Light  
Valeriy Jr. Oleshko..... Western Area Power Administration  
Patrick Perry ..... Idaho Power Company  
Mark Pigman..... Tacoma Power  
Matthew Reali ..... TransCo Energy, LLC  
Shengnan Shao..... Pacific Gas and Electric Company  
Ailin Sun ..... Southern California Edison Company  
Khanh Thai ..... Tacoma Power  
Chifong Thomas ..... Thomas Grid Advisor  
Patrick Truong ..... Sacramento Municipal Utility District  
Matt Twardy..... Public Service Company of Colorado (Xcel Energy)  
Jeff Wai..... British Columbia Hydro and Power Authority  
GuiHua Wang ..... British Columbia Hydro and Power Authority  
Scott Wilson..... Avista Corporation

### Others in Attendance

Dirk Barton ..... Public Service Company of New Mexico  
Laryn Brinkman..... Public Utility District No. 1 of Chelan County  
George Brown ..... Pattern Energy Group LP  
Jared Campbell..... Electrical Consultants, Inc.  
Deral Danis ..... Pattern Energy Group LP



## SRS Meeting Minutes—February 13, 2025

Kathy Estrada.....GDS Associates, Inc.

Alex Ford .....NV Energy

Chris Gilden ..... Tri-State Generation and Transmission—Reliability

Martin Green ..... Pattern Energy Group LP

Ivan Guerrero..... El Paso Electric Company

Jorge Gutierrez.....Imperial Irrigation District

Nick Hatton .....WECC

Darell Holmes ..... Valley Electric Association, Inc.

Inwook Hwang ..... Leeward Renewable Energy, LLC

Eric Hy ..... Los Angeles Department of Water and Power

Max Katkanov ..... Modesto Irrigation District

Ivana Kezic ..... San Diego Gas and Electric

Hyun Joo Lee.....PacifiCorp

Cole Mares.....Salt River Project

Jesus Martinez.....Imperial Irrigation District

Jerry Mitchell .....Public Service Company of New Mexico

Patrick Montplaisir.....Western Area Power Administration

Evan Paull.....WECC

Austin Pollard .....Colorado Springs Utilities

Anthony Rendon .....Salt River Project

Benjamin Rodriguez..... El Paso Electric Company

Serena Stiehl .....WECC

Francisco Trigueros ..... Metropolitan Water District of Southern California

Jim Whitaker .....Public Service Company of Colorado (Xcel Energy)

Armando Yanez Peralta.....Salt River Project

Nikitas Zagoras.....California Independent System Operator

Zara Zahra ..... Southern California Edison Company

Matt Zapotocky.....WECC

