

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

Sam Adams, Interchange Scheduling and Energy Accounting Subcommittee (ISEAS) Chair, called the meeting to order at 10:35 a.m., MT, on February 22, 2024. A quorum was present to conduct business. A list of attendees is attached as Exhibit A.

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

Layne Brown, Sr. Reliability Assessments Analyst, read aloud the WECC Antitrust Policy statement. The meeting agenda included a link to the posted policy.

## **3. Approve Agenda**

S. Adams introduced the proposed meeting agenda.

The agenda was amended as follows:

- 2024 Schedulers Meeting was moved from Item 10 to Item 8.
- 2025 Pre-Schedule Calendar was moved from Item 11 to Item 10.

**On a motion by Kristi Theriault, Public Service Company of Colorado (Xcel Energy), the ISEAS approved the agenda.**

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

S. Adams introduced the minutes from the meeting on February 15, 2023.

**On a motion by Jonn Fulkerson, Portland General Electric Company (PGE), the ISEAS approved the minutes from February 15, 2023.**

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

Maya Brimhall, Administrative Coordinator, reviewed action items carried over from the ISEAS meeting on August 17, 2023. Action items that are not closed and will be carried forward can be found [here](#).

## 6. SPP Markets+ / RTO Western Expansion Update

Carrie Simpson, Southwest Power Pool (SPP), presented an update on SPP Markets+ and the RTO Western Expansion. C. Simpson shared the timeline and phases of the SPP Markets+ for FERC Filing and Approval.

## 7. Leadership Change

J. Fulkerson and S. Adams led a discussion concerning the new vice chair appointment. J. Fulkerson is stepping down as the ISEAS chair and S. Adams is succeeding as the ISEAS chair. J. Fulkerson encouraged ISEAS members to nominate themselves or another member for the vice chair position. They can do so by reaching out to J. Fulkerson, S. Adams, or L. Brown.

## 8. 2024 Schedulers Meeting

J. Fulkerson and S. Adams led a discussion about the update, possible cancellation, and reinstatement of trading day. Kathee Downey, PacifiCorp, suggested cancelling the May 2024 Schedulers Meeting due to time constraints to plan. J. Fulkerson seconded, and S. Adams called for a vote.

*Approval Item: Modify 2024 Prescheduling Calendar*

**By consensus, the ISEAS approved the cancellation of the May 15 Schedulers Meeting on the 2024 Prescheduling Calendar.**

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

## 9. NAESB Update

Mike Steigerwald, Bonneville Power Administration (BPA), provided a broad overview of the activities of the NAESB Wholesale Electric Quadrant across the lifecycle of standards development.

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

## 10. 2025 Pre-Scheduling Calendar

S. Adams shared the 2025 Pre-Scheduling Calendar with the ISEAS and asked for feedback.

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

## 11. WEIM and EDAM Update

Craig Williams and Michael Martin, California Independent System Operator (CAISO), presented an update to the Western Energy Imbalance Market (WEIM) and Extension to the Day-Ahead Market (EDAM). They explained how EDAM will expand upon the WEIM and will



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improve market efficiency by integrating renewable resources. They also provided a timeline of EDAM milestones.

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

### 12. Public Comment

Shana Riley, Bonneville Power Administration (BPA), asked how the ISEAS is anticipating rescheduling around the new markets and whether there is a possibility of implementing a seven-day pre-schedule due to various changes in organizational scheduling. S. Adams asked S. Riley whether that meant pre-scheduling every day of the week, and S. Riley confirmed that was correct. J. Fulkerson shared that previous discussions in the ISEAS highlighted how some entities were not able to do a seven-day pre-schedule due to staffing and organizational size. He anticipated that within five to 10 years, most entities will be on a seven-day pre-schedule calendar due to decarbonization and adoption of variable energy, and for alignment reasons, it makes sense to transition to a seven-day pre-schedule calendar. C. Williams then asked what ISEAS members think a seven-day pre-schedule will look like using EDAM. S. Riley replied by sharing how BPA schedules and acknowledged the difficulty to compare when scheduling is different for every entity. Kathee Downey, PacifiCorp (PAC), stated PAC's intentions to evaluate its organization's staff roles and responsibilities with the shift in market scheduling. K. Downey mentioned the difficulty of shifting to a seven-day preschedule with respect to the EDAM. J. Fulkerson suggested creating a vote for scheduling in ISEAS; L. Brown countered that ISEAS does not have the authority to vote on and implement the need to staff real-time employees—that is a company's decision to make. C. Williams mentioned previous discussions concerning the correlation between increased participation in some sort of energy imbalance market and changes in entity actions as the bilateral market dried up. K. Downey shared that, even after PAC implemented WEIM, they still had bilateral work. C. Williams clarified that even when organizations implement WEIM or EDAM, the amount of work will not lessen but change. He mentioned that the Western Power Pool (WPP) gave a well-rounded presentation at a conference in Arizona, and J. Fulkerson offered to reach out to see whether WPP can present at a future ISEAS meeting. J. Fulkerson and S. Adams encouraged integrating more discussion on this topic in future meetings.

No further comments were made.

### 13. Review New Action Items

- Revise 2024 Pre-Scheduling Calendar and send final draft to ISEAS distribution list.
  - Assigned To: Layne Brown
  - Due Date: February 29, 2024
- Send revised 2024 Pre-Scheduling Calendar to ICE.



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- Assigned To: Sam Adams
  - Due Date: February 29, 2024
- Post 2024 Pre-Scheduling Calendar to Approved Documents on the WECC ISEAS site.  
Remove the previous version from the WECC ISEAS site.
  - Assigned To: Maya Brimhall
  - Due Date: February 29, 2024
- Decide whether to hold a Schedulers Meeting in 2025.
  - Assigned To: ISEAS Committee
  - Due Date: TBD
- Follow up with WPP, Ryan, or Jessica about resource adequacy timeline.
  - Assigned to: Jonn Fulkerson
  - Due Date: TBD

### 14. Upcoming Meetings

TBD ..... Salt Lake City, Utah

TBD ..... Virtual

TBD ..... Virtual

### 15. Adjourn

S. Adams adjourned the meeting without objection at 2:57 p.m.



## ISEAS Meeting Minutes—February 22, 2024

### Exhibit A: Attendance List

#### Members in Attendance

Sam Adams..... Colorado Springs Utilities

Layne Brown ..... WECC

Amy Burrow..... Modesto Irrigation District

Stacey Casiano..... Gridforce Energy Management, LLC

Tim Cusick..... Tri-State Generation & Transmission–Power Management Division

Nick Day ..... Idaho Power Company

Kathryn Downey ..... PacifiCorp

Jay Fintz ..... Public Utility District No. 1 of Chelan County

Jonn Fulkerson ..... Portland General Electric Company

Linda Hahnenkratt..... Imperial Irrigation District

Kim Haugen ..... Public Utility District No. 1 of Snohomish County

Craig Henry ..... Alberta Electric System Operator

Yuri Herrera ..... Turlock Irrigation District

Eva Hunt..... Avista Corporation

Heather Jaques ..... Platte River Power Authority

Melissa Lesser ..... Public Utility District No. 1 of Chelan County

Stephanie Lopez..... Tucson Electric Power

Michael Martin..... California Independent System Operator

Lou Miranda..... Bonneville Power Administration—Transmission

Jennifer Nelsen..... Salt River Project

Renate Rectenwald ..... Public Utility District No. 2 of Grant County

Todd Reese ..... Idaho Power Company

Shana Riley ..... Bonneville Power Administration

Danielle Smith..... Sacramento Municipal Utility District

Kristi Theriault..... Public Service Company of Colorado (Xcel Energy)

Ryan Vennesland..... British Columbia Hydro and Power Authority



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### Members not in Attendance

Nick Aadland ..... Black Hills Corporation

Brenda Ambrosi ..... British Columbia Hydro and Power Authority

Cory Anderson ..... Seattle City Light

Bronson Arbitrario ..... Los Angeles Department of Water and Power

Tracy Bibb ..... Northern California Power Agency

Joshua Bowen ..... Colorado Springs Utilities

Yesenia Cardona ..... Portland General Electric Company

Kevin Cardoza ..... Eugene Water & Electric Board

Juan Cartagena ..... Avangrid Renewables

Ryan Cline ..... Public Service Company of Colorado (Xcel Energy)

Kevin Cloud ..... Tri-State Generation and Transmission—Reliability

Tara Davis ..... Arizona Electric Power Cooperative, Inc. (Arizona G&T Cooperatives)

Chrystal Dean ..... Western Area Power Administration - Rocky Mountain Region

Rene DeLaCerde ..... California Department of Water Resources

Steve Dietrich ..... Public Utility District No. 2 of Grant County

Kenny Dillon ..... Avista Corporation

Maxine Eglinsdoerfer ..... Arizona Electric Power Cooperative, Inc. (Arizona G&T Cooperatives)

Ryan Ericksen ..... Avista Corporation

Demetrios Fotiou ..... Powerex, Inc.

Jay Guerrero ..... Salt River Project

Christina Guzman ..... Arizona Public Service Company

Tim Hamilton ..... Imperial Irrigation District

Julie Hrkac ..... PacifiCorp

Jamie King ..... FortisBC, Inc.

Thomas Koumal ..... Arizona Electric Power Cooperative, Inc. (Arizona G&T Cooperatives)

Matthew Kura ..... Arizona Public Service Company

Donald Lacen ..... Public Service Company of New Mexico



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Eddie Ledesma.....Sacramento Municipal Utility District  
Sharon Liebert ..... Public Utility District No. 1 of Douglas County  
Eric Lopez ..... Southern California Edison Company  
Amy Lubick .....NorthWestern Energy  
Clay MacArthur ..... Deseret Generation & Transmission Cooperative  
James McLellan .....Morgan Stanley Capital Group, Inc.  
Nancy Mesquita ..... Puget Sound Energy, Inc.  
Andrew Meyers ..... Bonneville Power Administration  
Chelsey Neil ..... Puget Sound Energy, Inc.  
Mike Pfeister.....Salt River Project  
Anne Reed ..... El Paso Electric Company  
Brandy Renville ..... Black Hills Corporation  
Steve Schmidt..... Puget Sound Energy, Inc.  
Saiara Shams..... Los Angeles Department of Water and Power  
Mike Shapley ..... Public Utility District No. 1 of Snohomish County  
Katrina Starr ..... Eugene Water & Electric Board  
Kevin Stinson ..... Alberta Electric System Operator  
Heidi Stoltz .....Salt River Project  
Monica Sweeny ..... Modesto Irrigation District  
Toni Taecker ..... Black Hills Corporation  
Eric Tipton .....Avista Corporation  
Tracy Townley .....Avista Corporation  
Kelly Ungerman..... Platte River Power Authority  
Roger Vaughn .....Public Service Company of New Mexico  
Daniel Velasquez ..... Imperial Irrigation District  
Raymond Vojdani..... Western Area Power Administration  
Jacki Welbig-Stenson..... Black Hills Corporation



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### Others in Attendance

Karen Barbee .....Idaho Power Company  
Maya Brimhall.....WECC  
John Chopson..... Arizona Public Service Company  
Carole Farrar ..... Tucson Electric Power  
Andrew Fleming..... NV Energy  
Savina Galvez..... Tucson Electric Power  
Bernardo Guerra ..... Imperial Irrigation District  
Mark Hackney..... Open Access Technology International  
Melissa Hartvigson..... Puget Sound Energy, Inc.  
Cory Herbolsheimer..... NV Energy  
Brian Jordan..... NV Energy  
Gerald Markey ..... El Paso Electric Company  
Manuel Mendoza..... Imperial Irrigation District  
Rene Morales..... NV Energy  
Roger Quan..... Los Angeles Department of Water and Power  
Sean Schwerin ..... Imperial Irrigation District  
Brandon Scott..... Colorado Springs Utilities  
Eric Shick ..... Arizona Public Service Company  
Carrie Simpson..... Southwest Power Pool  
Mike Steigerwald..... Bonneville Power Administration  
Jerrod Sweet ..... Imperial Irrigation District  
Rebecca Vurro ..... Tucson Electric Power  
Jonathan Wedeen..... Los Angeles Department of Water and Power  
Craig Williams ..... California Independent System Operator

