

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



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.



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Exhibit A: Attendance List

Members in Attendance

Sam Adams..... Colorado Springs Utilities
Layne BrownWECC
Amy Burrow..... Modesto Irrigation District
Stacey Casiano..... Gridforce Energy Management, LLC
Tim Cusick..... Tri-State Generation & Transmission–Power Management Division
Nick DayIdaho Power Company
Kathryn DowneyPacifiCorp
Jay Fintz Public Utility District No. 1 of Chelan County
Jonh FulkersonPortland General Electric Company
Linda HahnenkrattImperial Irrigation District
Kim Haugen Public Utility District No. 1 of Snohomish County
Craig HenryAlberta 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 RectenwaldPublic Utility District No. 2 of Grant County
Todd ReeseIdaho 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 Eglinsoerfer 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 BarbeeIdaho 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 GuerraImperial 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 SchwerinImperial Irrigation District
Brandon Scott.....Colorado Springs Utilities
Eric Shick Arizona Public Service Company
Carrie Simpson.....Southwest Power Pool
Mike Steigerwald..... Bonneville Power Administration
Jerrod SweetImperial Irrigation District
Rebecca Vurro Tucson Electric Power
Jonathan Wedeen..... Los Angeles Department of Water and Power
Craig WilliamsCalifornia Independent System Operator

