



**Interchange Scheduling and Accounting
Subcommittee**

DRAFT Meeting Minutes

February 15-16, 2023

Salt Lake City, UT

1. Welcome, Call to Order

John Fulkerson, Interchange Scheduling and Account Subcommittee (ISAS) Chair, called the meeting to order at 1:01 p.m. MT on February 15, 2023. A quorum was present to conduct business. A list of attendees is attached as Exhibit A.

2. Review WECC Antitrust Policy

Layne Brown, Reliability and Market Interface Consultant, read aloud the WECC Antitrust Policy statement. The meeting agenda included a link to the posted policy.

3. Approve Agenda

Mr. Fulkerson introduced the proposed meeting agenda.

By consensus, the ISAS approved the agenda.

4. Review and Approve Previous Meeting Minutes

Mr. Fulkerson introduced the minutes from the meeting on October 17, 2022.

By consensus, the ISAS approved the minutes from October 17, 2022.

5. Review Previous Action Items

Maddy Eberhard, Administrative Coordinator, reviewed action items carried over from the ISAS meeting on October 17, 2022. Action items that are not closed and will be carried forward can be found [here](#).

6. Market Updates

Mr. Fulkerson provided an update on the California Independent System Operator (CAISO) day-ahead market enhancements (DAME) and extended day-ahead market (EDAM). Several stakeholders were involved in drafting the final proposal, which was approved on February 1, 2023. The next steps may include CAISO creating the tariff. After filing in June, a possible go-live date would be late 2024 or early 2025.



Ryan Roy, Western Power Pool (WPP), presented an update for the Western Resource Adequacy Program (WRAP). The subcommittee discussed how to determine the peak amount of program capacity and deliverability of firm load.

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

Carrie Simpson, Southwest Power Pool (SPP), provided an update for SPP Markets+. Funding needed for Phase 1 will be \$9.7 million. Phase 1 will establish working groups and governance processes. Implementation of the market function will occur in Phase 2. The group discussed potential issues with seams and the timeline of this project, including Phase 1 kick-off and estimated go-live date of 2026. Ms. Simpson also informed the group all meetings are open and public.

7. ISAS and ATFWG Status Update and JGC Decision

Mr. Fulkerson provided an update on the Joint Guidance Committee (JGC) decision about merging the ISAS and After-the-Fact Work Group (ATFWG). The ISAS and ATFWG met with the JGC to discuss questions and concerns. Currently, the groups will remain separate, but the recommendation is to merge.

The subcommittee discussed the ISAS and ATFWG responsibilities from their respective charters as well as how voting might work. Mutually beneficial information sharing was also discussed as a positive outcome of merging groups.

Mr. Brown presented a draft scope of the potentially combined groups, which continued to be discussed. There was also a suggestion to include the WECC Interchange Tool (WIT) in the combined group responsibilities.

8. 2024 Pre-schedule Calendar

Sam Adams, Tri-State Generation and Transmission Association (TSGT), presented the preschedule calendars for discussion. Minor changes were made to accurately reflect the 2024 and 2025 calendars.

The documents [with](#) and [without](#) the Scheduler's Meeting are posted on WECC's website.

9. WITWG and WIT WebSmartScheduler Update

Kokou Agbassekou, CAISO, presented an update on the WIT Working Group (WITWG) and WIT WebSmartScheduler (WIT SS) changes.

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



10. NAESB Update

Mike Steigerwald, Bonneville Power Administration (BPA), presented an update on the NAESB Wholesale Electric Quadrant. Mr. Steigerwald reviewed the status of standards in development on the 2023 Annual Plan and answered questions about curtailment.

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

11. ATFWG Update

Yuri Herrera, Turlock Irrigation District (TID), presented an update on the ATFWG. Ms. Herrera specified that four ATFWG documents on WECC's website are being consolidated, and she encouraged the group to help with this.

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

12. 2023 Scheduler's Meeting Update

Mr. Adams provided an update for the 2023 Scheduler's Meeting in May. It will be held in person once a location is confirmed. Planned presentations include gas topics, market information updates, extreme weather compliance, and MOD-030 transition. Training for NERC Continuing Education Hours will also be available.

13. Public Comment

Mr. Fulkerson discussed holding in-person subcommittee meetings in the future and encouraged the members to attend. The subcommittee discussed having one in-person meeting per year with the remaining meetings held virtually. Locations were suggested for the 2023 Scheduler's Meeting for May.

The subcommittee discussed how to align power and gas days and which group creates the gas scheduling calendar.

The group also discussed the term "WECC Reserve Responsible Entity" and whether it is still relevant. It was discontinued in 2014 and is no longer applicable.

14. Review New Action Items

- Present Preschedule Calendar to organizations and come back with a vote.
 - Assigned To: ISAS
 - Due Date: Next ISAS Meeting
- Take discussion about merging ISAS and ATFWG to the JGC.
 - Assigned To: Leadership Team
 - Due Date: Next JGC Meeting



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- Finalize charter and scope once discussion with JGC is complete.
 - Assigned To: Leadership Team
 - Due Date: Before next ISAS Meeting
- Create a survey to determine a time of year for an in-person meeting that all subcommittee members would try to attend.
 - Assigned To: Maddy Eberhard
 - Due Date: February 24, 2023
- Invite a guest presenter to the next ISAS meeting to discuss why and how gas is scheduled.
 - Assigned To: Sam Adams
 - Due Date: Before next ISAS Meeting

15. Upcoming Meetings

TBD..... Virtual

16. Adjourn

Mr. Fulkerson adjourned the meeting without objection at 9:04 a.m.



Exhibit A: Attendance List

Members in Attendance

Sam Adams..... Tri-State Generation and Transmission–Power Management Division
Kokou Agbassekou California Independent System Operator
Bronson Arbitrario Los Angeles Department of Water and Power
Amy Burrow..... Modesto Irrigation District
Kevin Cloud Tri-State Generation and Transmission—Reliability
Nick Day Idaho Power Company
Jonh Fulkerson Portland General Electric Company
Kim Haugen Public Utility District No. 1 of Snohomish County
Yuri Herrera Turlock Irrigation District
Michelle Hollmann..... Arizona Public Service Company
Eva Hunt.....Avista Corporation
Heather Jaques Platte River Power Authority
Sharon Liebert..... Public Utility District No. 1 of Douglas County
Stephanie Lopez..... Tucson Electric Power
Nancy Mesquita..... Puget Sound Energy, Inc.
Jennifer Nelsen.....Salt River Project
Todd Reese Idaho Power Company
Shana Riley Bonneville Power Administration
Danielle Smith..... Sacramento Municipal Utility District
Heidi Stoltz Salt River Project
Kristi Theriault.....Public Service Company of Colorado (Xcel Energy)
Tracy TownleyAvista Corporation
Ryan Vennesland..... British Columbia Hydro and Power Authority
Raymond Vojdani..... Western Area Power Administration
Jacki Welbig-Stenson..... Black Hills Corporation



Members not in Attendance

Nick Aadland Black Hills Corporation

Brenda Ambrosi British Columbia Hydro and Power Authority

Cory Anderson Seattle City Light

Tracy Bibb Northern California Power Agency

Joshua Bowen Colorado Springs Utilities

Kevin Cardoza Eugene Water & Electric Board

Juan Cartagena Avangrid Renewables

Stacey Casiano Gridforce Energy Management, LLC

Ryan Cline Public Service Company of Colorado (Xcel Energy)

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

Kathryn Downey PacifiCorp

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

Ryan Ericksen Avista Corporation

Jay Fintz Public Utility District No. 1 of Chelan County

Patrick Foley NV Energy

Demetrios Fotiou Powerex, Inc.

Jay Guerrero Salt River Project

Alan Gulutzan Alberta Electric System Operator

Christina Guzman Arizona Public Service Company

Linda Hahnenkratt Imperial Irrigation District

Tim Hamilton Imperial Irrigation District

Julie Hrkac PacifiCorp

Jamie King FortisBC, Inc.



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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
Eddie Ledesma..... Sacramento Municipal Utility District
Melissa Lesser Public Utility District No. 1 of Chelan County
Eric Lopez Southern California Edison Company
Amy Lubick.....NorthWestern Energy
Clay MacArthur Deseret Generation & Transmission Cooperative
Mike McDermott..... Pacific Gas and Electric Company
James McLellan Morgan Stanley Capital Group, Inc.
Andrew Meyers Bonneville Power Administration
Lou Miranda.....Bonneville Power Administration—Transmission
Chelsey Neil Puget Sound Energy, Inc.
Mike Pfeister.....Salt River Project
Renate Rectenwald Public Utility District No. 2 of Grant County
Anne Reed El Paso Electric Company
Brandy Renville Black Hills Corporation
Michael Sahs..... El Paso Electric Company
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
Toni Taecker Black Hills Corporation
Eric Tipton Avista Corporation
Kelly Ungerman..... Platte River Power Authority
Roger Vaughn Public Service Company of New Mexico
Daniel Velasquez Imperial Irrigation District



Others in Attendance

Karen BarbeeIdaho Power Company
Joy Barton Tucson Electric Power
Alex Berres..... Utilicast LLC
Tanner Brier..... Bonneville Power Administration
Tessa Bromiley Public Utility District No. 1 of Douglas County
Layne BrownWECC
Chris Bultsma.....Western Area Power Administration
Maddy Eberhard.....WECC
Andrew Fleming.....NV Energy
Tina GaryPortland General Electric Company
Jim GuidrozSouthwest Power Pool
Bob Harshbarger.....Puget Sound Energy, Inc.
Jonnette HemryPortland General Electric Company
Cory Herbolsheimer.....NV Energy
Brian Jordan.....NV Energy
Chris McLean California Energy Commission
Charee Messerli..... Northwest Power Pool
Rene Morales.....NV Energy
Tracy MorrowSeattle City Light
Bert PetersWECC
Jill PonderSouthwest Power Pool
Roger Quan..... Los Angeles Department of Water and Power
Laura Ramirez..... Western Area Power Administration
Ryan RoyWestern Power Pool
Clint SavoySouthwest Power Pool
Kristy StahlkeIdaho Power Company
Mike Steigerwald..... Bonneville Power Administration



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Aleksandr Tereshchenkov.....Puget Sound Energy, Inc.
Eric VaaCalifornia Independent System Operator
Amy Vercella.....NorthWestern Energy
George WilliamsWestern Area Power Administration
Ira Witherspoon.....Western Area Power Administration

