



**Remedial Action Scheme Review
Subcommittee**

DRAFT Meeting Minutes

Salt Lake City, UT

Day 1—November 7, 2023

9:00 a.m. to 5:00 p.m.

1. Welcome, Call to Order

Gene Henneberg, Remedial Action Scheme Review Committee (RASRS) Chair, called the meeting to order at 9:00 a.m. MT on August 1, 2023. A quorum was present to conduct business. A list of attendees is attached as Exhibit A.

2. Review WECC Antitrust Policy

Nicole Lee, Administrative Coordinator, read aloud the WECC Antitrust Policy statement. The meeting agenda included a link to the posted policy.

3. Approve Agenda

Mr. Henneberg introduced the proposed meeting agenda.

On a motion by Brett Springfield, the RASRS approved the agenda.

4. Review and Approve Previous Meeting Minutes

Mr. Henneberg introduced the minutes from the meeting on August 1-2, 2023.

On a motion by Davis Erwin, the RASRS approved the minutes from August 1-2, 2023.

5. Review Previous Action Items

Mrs. Lee reviewed action items carried over from the RASRS meeting on August 1-2, 2023. Action items that are not closed and will be carried forward can be found [here](#).

6. General Business

Evan Paull, Reliability Specialist, presented the membership list and made modifications.

7. WECC RRC update

Mr. Henneberg did not have updates for the Reliability Risk Committee (RRC).

By consensus, the RASRS moved to a closed session.



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8. Open Discussion

Mr. Henneberg presented redundancy example with contactors verses circuit breakers in a RAS. Ralph Barone, British Columbia (BC) Hydro, led the discussion on what is considered a RAS.

Day 2—November 8, 2023

8:00 a.m. to 5:00 p.m.

9. Open Discussion

Rico Garcillano led the discussion on FERC Order 881 and RAS follow-up. The RASRS discussed what is considered a RAS and how to determine who is responsible for a RAS. The operational support for RAS is complete.

Davis Erwin led the discussion on TPL-001-5, Footnote thirteen RAS redundancy issues.

James Holland, Operations Analysis Manager, presented telecommunication example on communication redundancy in a RAS.

Ralph Barone and Eric Desjardins, British Columbia Hydro and Power Authority (BCHP) continue the discussion on what is considered a RAS.

10. Public Comment

No comments were made.

11. Review New Action Items

- Email the red-line WECC-1 RAS Operating procedure to the RASRS asking for feedback within two weeks. Add to next agenda.
 - Assigned To: Rico Garcillano
 - Due Date: December 15, 2023
- Send doodle poll to schedule SRP, APS, and RASRS meeting
 - Assigned To: Evan Paull
 - Due Date: November 15, 2023
- Request interconnection and path rating study results from SRP and APS
 - Assigned To: Evan Paull
 - Due Date: December 15, 2023

12. Upcoming Meetings

March 5–6, 2024.....Salt Lake City, UT



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July 16–17, 2024.....Salt Lake City, UT

November 12–13, 2024Salt Lake City, UT

13. Adjourn

Mr. Henneberg adjourned the meeting without objection at 2:20 p.m.



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Exhibit A: Attendance List

Members in Attendance

Masahiko Taniguchi..... Los Angeles Department of Water and Power
David Beach..... Portland General Electric Company
Gene DuranPublic Service Company of Colorado (Xcel Energy)
Davis Erwin..... Pacific Gas and Electric Company
Chris Gallacher Bonneville Power Administration
Rico Garcillano..... Pacific Gas and Electric Company
Chris Gilden Tri-State Generation and Transmission—Reliability
Kenan Hadzimahovic British Columbia Hydro and Power Authority
Gene Henneberg NV Energy
Daniel Kachmarik.....NorthWestern Energy
Ralph LiuAlberta Electric System Operator
Daniel Marquis.....Public Service Company of New Mexico
John McCarthy Southern California Edison Company
Evan Paull.....WECC
John Racela Los Angeles Department of Water and Power
Micah Runner..... Black Hills Corporation
Brett Springfield..... Sierra Pacific Power Company
Adam SylviaAvista Corporation
RajaShekar Thappetaobula.....California Independent System Operator
Diana WylandIdaho Power Company
Bill Zhang..... Southern California Edison Company

Members not in Attendance

Kalyani AbhyankarCalifornia Independent System Operator
Philip Augustin.....Salt River Project
Eric Bahr.....NorthWestern Energy
Malati Chaudhary.....Public Service Company of New Mexico



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Patrick Corrigan.....Public Service Company of Colorado (Xcel Energy)
Kevin Damron.....Avista Corporation
Malkiat Dhillon.....Sacramento Municipal Utility District
Andrew Fong.....California Independent System Operator
Wilson Head.....Western Area Power Administration
Moises Inda.....Centro Nacional de Control de Energia
Jeff Irving.....Salt River Project
Gloria Jang.....British Columbia Hydro and Power Authority
Ahsan Mirza.....San Diego Gas and Electric
Paul Rodriguez.....Imperial Irrigation District
Trey Rosel.....Southwest Power Pool
Rikin Shah.....PacifiCorp
Asher Steed.....British Columbia Hydro and Power Authority
Luke Stohre.....Salt River Project
Michelle Tibayan.....California Independent System Operator
Andres Valdepena Delgado.....Idaho Power Company

Others in Attendance

Wisam Al Sudana.....Western Area Power Administration
Essam Alkhandra.....Southern California Edison
Ryan Beato.....British Columbia Hydro and Power Authority
Daja Bell.....WECC
Wesley Bellin.....Southern California Edison
Fernando Benavides.....Southern California Edison
Thomas Cardlez.....Bonneville Power Administration
Martin Caro-Garcia.....Los Angeles Department of Power and Water
Eric Desjardins.....British Columbia Hydro and Power Authority
Justin Eller.....Ulteig Engineers, Inc.
Dason Elwess.....Bonneville Power and Administration



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Zachary Eyasu..... Western Area Power Administration
Chris Fleenor Tuscon Electric Power
Jonathan Flores Los Angeles Department of Water and Power
Daniel Fox Arizona Public Service Company
Caro Garcia-Martin Los Angeles Department of Water and Power
Dave Grover WECC
Steve Guerro Southern California Edison
O.J. Harmon PacifiCorp
Karl Iliev Portland General Electric Company
Nick Kamenev Stantec Consulting Ltd
Michael Karapetyan Southern California Edison
Mike Korhonen Western Area Power Administration
Pramod Korti Southern California Edison
Nicole Lee WECC
Luis Leon
Greg Ligon Pacific Gas and Electric
Cody Messmore Pacific Gas and Electric
Catalina Nunez Centro Nacional de Control de Energia
Claire Patti Portland General Electric Company
Bert Peters WECC
Ken Poulter San Diego Gas and Electric
Cory Pryor Pattern Energy
Jia Qiu Southern California Edison
Eric Raatz Tuscon Electric Power
Anthony Ruiz Southern California Edison
Dave Saurabh Southern California Edison
Karen Schneemann Pacific Gas and Electric Company
Kim Seongtae PacifiCorp



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Josh Seyed.....Southern California Edison

Dean Spratt.....Avista Corporation

Nhia Vang.....Pacific Gas and Electric

Ziyuan Zhang.....Bonneville Power Administration

