

Protection and Control Subcommittee

Meeting Minutes
Salt Lake City, Utah

Day 1—September 4, 2025

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

1. Welcome, Call to Order

Bill Middaugh, Protection and Control Subcommittee (PCS) Chair, called the meeting to order at 08:00 a.m. MT on September 4, 2025. A quorum was present to conduct business. A list of attendees is attached as Exhibit A.

2. Review WECC Antitrust Policy

James Hanson, Operations Analysis Manager, read aloud the WECC Antitrust Policy statement. The policy can be found on wecc.org.

3. Approve Agenda

B. Middaugh introduced the proposed meeting agenda.

The 2025-09-04 PCS Agenda was amended as follows:

- The meeting topic “PRC-027 Discussion—Greg Park, WECC” was added.

By consensus, the PCS approved the agenda.

4. Review and Approve Previous Meeting Minutes

B. Middaugh introduced the minutes of the meeting on June 5–6, 2025.

On a motion by David Beach, Portland General Electric Company, the PCS approved the minutes of the meeting on June 5–6, 2025.

5. Review Previous Action Items

Maya Brimhall, Administrative Coordinator, reviewed action items carried over from the PCS meeting on June 6, 2025. Action items that are not closed and will be carried forward can be found on wecc.org.

6. PRC-027 Discussion

Greg Park, Risk Analysis & Data Services Manager, gave an overview of the IBR generation to BA Demand ratios and the rate at which this ratio is changing. He asked if an entity chooses to perform coordination studies on a six-year basis, and is experiencing some of this rapid change of

resource mix, is this option allowable by PRC-027 adequate? He requested the PCS review PRC-027, and G. Park agreed to present the topic at the next NERC SPCWG meeting.

7. Standing Committee Updates

- i. Curtis Holland, Senior Reliability Specialist, reported on the Event and Performance Analysis Subcommittee (EPAS).
- ii. Gene Henneberg, NV Energy, reported on the Remedial Action Scheme Review Subcommittee (RASRS).
- iii. G. Henneberg reported on the IEEE Power System Relaying and Control Committee.
- iv. B. Middaugh and D. Beach reported on the System Protection and Control Working Group (SPCWG).
- v. D. Beach reported on Short-Circuit Modeling Work Group (SCMWG).
- vi. J. Hanson reported on the Event Analysis Subcommittee (EAS).

8. PRC-025 Subgroup Update

Curtis Crews, Senior Technical Advisor, shared the PRC-025 Implementation Guidance paper updates. The subgroup plans to finish its working draft by October 2025, then the PRC-025 Implementation Guidance will be distributed to the rest of the PCS for review.

9. MIDAS 1600 Change Suggestions from SPCWG MAT Subgroup

J. Hanson discussed MIDAS 1600 change suggestions from the NERC SPCWG MAT subgroup. He will send out a notice requesting all entities fill out the optional fields since they will soon become required on the MIDAS 1600 submission.

10. Review of Questions

The PCS reviewed any questions related to third-party ownership and large load connections, transmission wildfire protection, and volts per hertz protection.

11. 2024 Misoperations Analysis Report

The PCS engaged in a group discussion and review of the 2024 Misoperations Analysis Report, established recommendations, and provided a postmortem on the process. J. Hanson will send the draft report to the PCS to review by September 22, 2025.

12. Adjourn Day 1

B. Middaugh adjourned Day 1 without objection at 4:27 p.m. MT.

Day 2—September 5, 2025

8:00 a.m. to 12:00 p.m. Mountain Time



13. Closed Session

The PCS reviewed the Q2 2025 Misoperation submissions and engaged in a roundtable discussion during its closed session.

14. Review New Action Items

- Review 2024 Misoperations Analysis Report Draft.
 - Assigned To: PCS
 - Due Date: September 22, 2025
- Review PRC-027 and present to the NERC SPCWG.
 - Assigned To: PCS, Greg Park
 - Due Date: December 5, 2025
- Send out a notice to all entities explaining that, while the optional fields are not required yet, we would like them to fill them all out on the MIDAS 1600 submission.
 - Assigned To: James Hanson
 - Due Date: September 26, 2025
- Apply for NPCC/WECC joint meeting approval.
 - Assigned To: James Hanson
 - Due Date: December 1, 2025

15. Review Upcoming Meetings

ERO Protection Conference—October 7–8, 2025.....St. Paul, Minnesota
December 4–5, 2025.....Salt Lake City, Utah
March 5–6, 2025.....Salt Lake City, Utah

16. Adjourn

B. Middaugh adjourned the meeting without objection at 11:12 a.m. MT.



Exhibit A: Attendance List

Members in Attendance

David Beach.....	Portland General Electric Company
Kevin Damron.....	Avista Corporation
Jason Hall.....	Puget Sound Energy, Inc.
James Hanson.....	WECC
Gene Henneberg.....	NV Energy
Luke Hoffmann.....	PacifiCorp
Lucy Lin.....	Alberta Electric System Operator
Donald Loftis.....	Colorado Springs Utilities
Bill Middaugh.....	Tri-State Generation and Transmission—Reliability
Blake Peck.....	Idaho Power Company
Rafael Pineda.....	Pacific Gas and Electric Company
Nick Podany.....	U.S. Bureau of Reclamation
Grant Raymond.....	Public Service Company of Colorado (Xcel Energy)
Harjinder Sidhu.....	AltaLink Management Ltd.
Stephen Smith.....	Salt River Project
Masahiko Taniguchi.....	Los Angeles Department of Water and Power

Members not in Attendance

Dean Bender.....	Bonneville Power Administration—Transmission
Alejandro Castro.....	El Paso Electric Company
Orion Chan.....	British Columbia Hydro and Power Authority
Xing Chen.....	British Columbia Hydro and Power Authority
Ryan Chun.....	Los Angeles Department of Water and Power
Bryan Diemer.....	Sacramento Municipal Utility District
David Heffernan.....	PacifiCorp
Kawika Lawlor.....	San Diego Gas and Electric
Josh Moyers.....	Western Area Power Administration
Claire Patti.....	Portland General Electric Company
Curtis Sanden.....	Southern California Edison Company
Tyler Smith.....	Idaho Power Company
Jonathan Trejo.....	El Paso Electric Company

Others in Attendance

Maya Brimhall.....	WECC
Dave Grover.....	WECC
Curtis Holland.....	WECC
Greg Park.....	WECC
Kenny Park.....	WECC

