WECC

Protection and Control Subcommittee

Meeting Minutes
Salt Lake City, Utah

Day 1 — June 17, 2026

8 a.m.—5 p.m. MDT

1. Welcome, Call to Order

Bill Middaugh, Protection and Control Subcommittee (PCS) chair, called the meeting to order at 8 a.m. MDT June 17, 2026. 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 2026-06-17 PCS Agenda was amended as follows:

- The item "Substation Breaker Automatics Update — Scott Hayes, PG&E" was added; and
- Two subitems, "NV Energy Event Overview — Gene Henneberg, NV Energy" and "PSCO Event Overview — Grant Raymond, PSCO" were added to the item "Closed Session."

By consensus, the PCS approved the agenda.

4. Review and Approve Previous Meeting Minutes

B. Middaugh introduced the minutes of the meeting held on March 19, 2026.

On a motion by Curtis Sanden, the PCS approved the minutes of the meeting held on March 19, 2026.

5. Review Previous Action Items

Maya Brimhall, administrative coordinator, reviewed action items carried over from the PCS meeting on March 19, 2026. Action items that are not closed and will be carried forward can be found on wecc.org.

6. Standing Committee Updates

a. Curtis Holland, senior reliability specialist, reported on the Event and Performance Analysis Subcommittee (EPAS). Dave Grover, senior reliability engineer, has replaced C. Holland as the new EPAS WECC liaison and will report on the EPAS moving forward.

b. Gene Henneberg, NV Energy, reported on the Remedial Action Scheme Review Subcommittee.

c. G. Henneberg reported on the IEEE Power System Relaying and Control Committee.

d. B. Middaugh and David Beach, PGE, reported on the System Protection and Control Working Group (SPCWG).

e. D. Beach reported on the Short-Circuit Modeling Work Group.

f. J. Hanson reported on the Event Analysis Subcommittee.

7. Periodic Review of PCS Document Library

The PCS conducted their periodic review of the PCS document library. J. Hanson assigned PCS members to review and return their assigned documents by the September 2026 PCS meeting.

8. Western Interconnection Summer Readiness Review

J. Hanson reviewed the Western Interconnection's summer readiness data.

9. PRC-025 IG Update

Curtis Crews, senior technical advisor, provided PRC-025 IG updates.

10. Substation Breaker Automatics Update

Scott Hayes, PG&E, provided PG&E substation breaker automatics updates.

11. NERC SPCWG Regional Questions

The PCS discussed NERC SPCWG regional questions.

12. Breakouts for 2025 Misoperations Report

The PCS broke out into groups to review assigned sections of the 2025 Misoperations Report. PCS members must complete and submit their assigned sections to the PCS closed team site by August 24, 2026, to review as a group in the September 2026 PCS meeting.

13. Adjourn Day 1

B. Middaugh adjourned Day 1 without objection at 4:11 p.m. MDT.

Day 2 — June 18, 2026

8 a.m.–noon MDT

14. Closed Session

B. Middaugh called a closed session meeting to order at 8:06 a.m. MDT June 18, 2026.

G. Henneberg and Grant Raymond, Public Service Company of Colorado (Xcel Energy), presented specific misoperation events.

The PCS followed the presentations with a Q1 2026 misoperation submissions review and roundtable discussion.

15. Review New Action Items

- Complete and upload feedback on WECC document library assignments to PCS closed team site.
    - Assigned To: PCS members
    - Due Date: September 1, 2026
- Complete and upload feedback on 2025 Misoperations Report assignments to PCS closed team site.
    - Assigned To: PCS members
    - Due Date: September 1, 2026

16. Review Upcoming Meetings

September 10–11, 2026.....Salt Lake City, Utah

ERO Misoperations Conference, October 20–21, 2026..... Austin, Texas

December 3–4, 2026.....Salt Lake City, Utah

17. Adjourn Day 2

B. Middaugh adjourned Day 2 without objection at 12:27 p.m. MDT.

Exhibit A: Attendance List

Members in Attendance

David Beach	Portland General Electric Company
Dean Bender	Bonneville Power Administration—Transmission
Orion Chan	British Columbia Hydro and Power Authority
Ryan Chun	Los Angeles Department of Water and Power
Kevin Damron	Avista Corporation
James Hanson	WECC
Gene Henneberg	NV Energy
Luke Hoffmann	PacifiCorp
Donald Loftis	Colorado Springs Utilities
Bill Middaugh	Tri-State Generation and Transmission—Reliability
Pablo Paradis	NorthWestern Energy
Rafael Pineda	Pacific Gas and Electric Company
Nick Podany	U.S. Bureau of Reclamation
Grant Raymond	Public Service Company of Colorado (Xcel Energy)
Mark Roalofs	Colorado Springs Utilities
Curtis Sanden	Southern California Edison Company
Harjinder Sidhu	AltaLink Management Ltd.
Patrick Sorrells	Sacramento Municipal Utility District
Masahiko Taniguchi	Los Angeles Department of Water and Power

Members not in Attendance

Alejandro Castro	El Paso Electric Company
Xing Chen	British Columbia Hydro and Power Authority
Jason Hall	Puget Sound Energy, Inc.
Kawika Lawlor	San Diego Gas and Electric
Lucy Lin	Alberta Electric System Operator
Josh Moyers	Western Area Power Administration
Claire Patti	Portland General Electric Company
Blake Peck	Idaho Power Company
Stephen Smith	Salt River Project
Tyler Smith	Idaho Power Company
Jonathan Trejo	El Paso Electric Company

Others in Attendance

Steve Ashbaker	WECC
Maya Brimhall	WECC
Dave Grover	WECC
Scott Hayes	Pacific Gas and Electric Company
Curtis Holland	WECC

Patrick Menge ..... WECC