

Establishment and Authority

The Protection and Control Subcommittee (PCS) was established by the Technical Operations Subcommittee (TOS). The PCS now exists under the Reliability Risk Committee (RRC).

Purpose and Responsibilities

The purpose of the PCS is to provide technical support to other WECC groups in the areas of system protection and Remedial Action Schemes (RAS) relating to the operation of the Western Interconnection.

The PCS is responsible for:

1. Assisting WECC members in maintaining and improving the reliability of electrical service in the Western Interconnection by recommending the adoption of protection practices and procedures for the installation and coordination of protective equipment.
2. Developing principles; evaluating reliability impacts; and recommending appropriate practices, guidelines, and criteria for the application of equipment for system protection and RAS.
3. Reviewing the performance of protective relays related to misoperations and events and analyzing for trends, observations, or conclusions that will assist WECC members in maintaining and improving reliability. Prepare an annual misoperations analysis report for WECC members.
4. Providing a forum for promoting the exchange of system protection knowledge, experiences, and maintenance practices within the Western Interconnection.
5. Performing other tasks as assigned by the RRC.

Committee Composition and Governance

1. Membership

- a. The PCS will be composed of members from WECC Member organizations with four or more years of subject matter expertise in the design or application of protection systems, or the analysis of protection systems operations.
- b. Members will be selected by their organization's RRC representative or by their organization's WECC Member Representative if no RRC representative exists.

- i. WECC Member organizations may have multiple members on the PCS.
- ii. Notice of selection should be sent to the chair (or designee).
- c. Members will serve until they resign or until a successor has been selected.
- d. The PCS will also include a liaison, appointed by WECC management, as a member.
- e. Committee members who miss three or more consecutive meetings will be removed from the committee.

2. Leadership

- a. The chair of the RRC will approve one of the PCS members to serve as the chair.
 - i. The chair will manage the committee and its meetings.
- b. The chair of the PCS will appoint a PCS member to serve as the vice chair for PCS approval.
 - i. The vice chair will perform the duties of the chair in the chair's absence or in case of a vacancy in the office of chair.
- c. The chair and vice chair will each hold office for a term of two years, or until a successor has been duly appointed. The chair and vice chair may serve multiple terms.
- d. WECC staff will partner with the chair and vice chair to manage the committee and its meetings, plan the agenda, and coordinate efforts with the other technical committees to ensure alignment with WECC staff work plans and priorities.
- e. WECC staff will prepare minutes of PCS meetings for the committee's approval.
- f. The chair may appoint a steering committee, which will include the vice chair, WECC liaison, subgroup chairs, and may include other members that will assist with meeting agendas and action recommendations.

3. Meetings

- a. The PCS will meet as often as required to carry out its responsibilities.
 - i. Meetings will be held according to the WECC Meeting Policy.
 - ii. PCS meetings may be in-person, virtual, a combination of the two (hybrid), or by conference call, as determined by the chair.
 - iii. Meetings will be open to the public except as otherwise approved according to Board policy.
 - iv. A quorum for meetings will be one-third of committee members.
- b. The PCS will strive to make all decisions by consensus. If consensus is not possible, action taken by the PCS will require a majority vote of the members present.



- i. Voting may be by any means the chair determines appropriate.
 - ii. Voting must take place in a noticed meeting.
 - iii. PCS members may not vote by proxy or absentee ballot.
 - iv. Each WECC Member organization may only have one vote.
 - v. Members who vote in the minority regarding an approval item should provide an explanation for their vote. This explanation or a summary will be included in the minutes.
- c. WECC will give notice to each member of the PCS of the time and place of all meetings and will post notice of all meetings on the WECC website. Notice will be given no less than:
- 30 calendar days before in-person and hybrid meetings.
 - 10 calendar days before virtual meetings and conference calls.
- d. An agenda and the items for which action may be taken, will be posted no less than:
- 10 calendar days before in-person and hybrid meetings.
 - Three calendar days before virtual meetings and conference calls.
- e. Any person who wants notice of PCS meetings may notify the WECC liaison. WECC will then email the notice of future meetings to that person when the committee members receive the notice.
- f. The PCS has been approved by the Board to hold closed sessions. Closed sessions must be held according to the procedures and requirements in the Board Policy on Closed and WIDSA Sessions. The PCS closed sessions are approved to discuss detailed misoperation reports submitted to WECC.

Reporting

The PCS will report to the RRC on its activities and any recommendations.

Review and Changes to the Charter

The PCS will review this charter every three years, or as needed, and discuss any changes with the Joint Guidance Committee (JGC). The PCS will then make a recommendation to the RRC for approval.

	Committee	Date
Approved	RRC	May 26, 2023
Endorsed	JGC	August 4, 2023
Reviewed	RWG	March 9, 2023

