

# Protection and Control Working Group Scope Document



## Purpose

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The SERC Engineering Committee (EC) Protection and Control Working Group (PCWG) shall work to ensure reliability of the bulk power system (BPS) from a Protection Systems and control systems perspective, and provide technical guidance regarding the related Standards and their implementation.

## Responsibilities and Activities

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- 1) Perform quarterly Protection System (PS) Misoperations and Remedial Action Scheme (RAS) Misoperations data review, per the North American Electric Reliability Corporation (NERC) Rules of Procedure.
- 2) Review and monitor NERC Reliability Standards and develop recommended changes in the SERC Regional Criteria to address reliability issues.
- 3) Monitor, investigate, review, and report on NERC Reliability Standards on system protection, control devices, and generator characteristics including controls application activities assigned by the EC, and make recommendations as appropriate.
- 4) Notify the Dynamics Working Group (DWG) of any protection misoperations involving Remedial Action Schemes.
- 5) Investigate, review, and report on identified SERC Region disturbances as needed per SERC's delegated Event Analysis function.
- 6) Maintain regional criteria, guidelines, procedures, and white paper documents as assigned by the EC.
- 7) Represent SERC on NERC committees and initiatives as directed by the EC.

## Representation

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Each SERC Region member registered as a Transmission Owner, Generator Owner, or both is entitled to one representative and one alternate on the PCWG. PCWG members cannot be marketing function employees as defined by Federal Energy Regulatory Commission (FERC) regulations and the FERC Standards of Conduct, and must be signatories to the SERC confidentiality agreement.

The leadership of the PCWG comprises a chair and vice-chair. The chair of the SERC EC appoints the PCWG chair for a two-year term. The PCWG will elect a vice-chair for a two-year term. The vice-chair will normally succeed the chair.

Department Technical Committees and Member Forums	Document Type Scope	Title/Subject EC Protection and Control Working Group Protection and Control Working Group Scope Document		Number Scope-RMF-452
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All PCWG representatives should be knowledgeable to perform all of the responsibilities and activities as defined in this scope document.

## Governance

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If a vote is required, each member of the PCWG shall have one vote. A simple majority of the PCWG representatives present at a scheduled meeting or conference call is needed to approve any motion or vote. The PCWG will also abide by the *Organization and Procedure Manual for SERC Technical Committees*.

## Reporting

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The PCWG reports to the EC.

## Revision History

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Revision	Date	Originator	Comments
0	7/31/2018	PCWG	Original issue

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