

# System Protection and Control Subcommittee (SPCS) Scope

## Purpose

The purpose of the System Protection and Control Subcommittee (SPCS), a subcommittee of the Planning Committee (PC), is to promote the reliable and efficient operation of the North American power system through technical excellence in protection and control system design, coordination, and practices.

## Activities

1. Provide subject matter expertise for NERC Reliability Standards and technical guidelines, including, but not limited to, the following:
  - Protection and control systems, including local and wide area applications, and synchrophasor applications
  - Remedial Action Scheme (RAS)
  - Power system monitoring
2. Provide subject matter expertise upon request, on Protection System operations to the ERO Enterprise.
3. Provide technical support to the NERC Event Analysis Program, including input and development of any lessons learned as needed from the Event Analysis Subcommittee (EAS).
4. Provide technical support in the development of Implementation Guidance.
5. Serve as the liaison to the IEEE Power and Energy Society (PES) committees associated with system protection and their associated subcommittees and working groups, for collaborative promotion of technical excellence in system protection.
6. Develop and maintain a NERC technical reference library on system protection and control.
7. Other protection and control activities as determined by the SPCS and approved by the PC.

## Membership

The SPCS will generally follow the organizational structure of the PC with the following additions:

- Additional non-voting industry subject matter experts may be added as determined by the SPCS
- Additional voting members who are industry subject matter experts may be added as determined by the SPCS

A NERC staff member will be assigned as the non-voting Subcommittee Coordinator. The subcommittee chair and vice chair are nominated by the SPCS voting membership and approved by PC leadership for one, two-year term. The vice chair should be available to succeed to the chair.

## **Reporting**

The SPCS administratively reports to the PC and liaisons to the Operating Committee (OC) on pertinent technical issues.

## **Meetings**

Four to six open meetings per year, or as needed. Emphasis will be given to conference calls and web-based meetings.

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Approved by the NERC Planning Committee: June 7 2017

