

## Standard PRC-015-1 — Remedial Action Scheme Data and Documentation

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### A. Introduction

1. **Title:** Remedial Action Scheme Data and Documentation
2. **Number:** PRC-015-1
3. **Purpose:** To ensure that all Remedial Action Schemes (RAS) are properly designed, meet performance requirements, and are coordinated with other protection systems. To ensure that maintenance and testing programs are developed and misoperations are analyzed and corrected.
4. **Applicability:**
  - 4.1. Transmission Owner that owns a RAS
  - 4.2. Generator Owner that owns a RAS
  - 4.3. Distribution Provider that owns a RAS
5. **Effective Date\*:** See Implementation Plan for the Revised Definition of “Remedial Action Scheme”

### B. Requirements

- R1. The Transmission Owner, Generator Owner, and Distribution Provider that owns a RAS shall maintain a list of and provide data for existing and proposed RAS as specified in Reliability Standard PRC-013-1 R1.
- R2. The Transmission Owner, Generator Owner, and Distribution Provider that owns a RAS shall have evidence it reviewed new or functionally modified RAS in accordance with the Regional Reliability Organization’s procedures as defined in Reliability Standard PRC-012-1\_R1 prior to being placed in service.
- R3. The Transmission Owner, Generator Owner, and Distribution Provider that owns a RAS shall provide documentation of RAS data and the results of Studies that show compliance of new or functionally modified RAS with NERC Reliability Standards and Regional Reliability Organization criteria to affected Regional Reliability Organizations and NERC on request (within 30 calendar days).

### C. Measures

- M1. The Transmission Owner, Generator Owner, and Distribution Provider that owns a RAS shall have evidence it maintains a list of and provides data for existing and proposed RAS as defined in Reliability Standard PRC-013-1\_R1.
- M2. The Transmission Owner, Generator Owner, and Distribution Provider that owns a RAS shall have evidence it reviewed new or functionally modified RAS in accordance with the Regional Reliability Organization’s procedures as defined in Reliability Standard PRC-012-1\_R1 prior to being placed in service.
- M3. The Transmission Owner, Generator Owner, and Distribution Provider that owns a RAS shall have evidence it provided documentation of RAS data and the results of studies that show compliance of new or functionally modified RAS with NERC standards and Regional Reliability Organization criteria to affected Regional Reliability Organizations and NERC on request (within 30 calendar days).

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### D. Compliance

#### 1. Compliance Monitoring Process

##### 1.1. Compliance Monitoring Responsibility

The British Columbia Utilities Commission

##### 1.2. Compliance Monitoring Period and Reset Timeframe

On request (within 30 calendar days).

##### 1.3. Data Retention

None specified.

##### 1.4. Additional Compliance Information

None.

#### 2. Levels of Non-Compliance

**2.1. Level 1:** RAS owners provided RAS data, but was incomplete according to the Regional Reliability Organization RAS database requirements.

**2.2. Level 2:** RAS owners provided results of studies that show compliance of new or functionally modified RAS with the NERC Planning Standards and Regional Reliability Organization criteria, but were incomplete according to the Regional Reliability Organization procedures for Reliability Standard PRC-012-1\_R1.

**2.3. Level 3:** Not applicable.

**2.4. Level 4:** No RAS data was provided in accordance with Regional Reliability Organization RAS database requirements for Standard PRC-012-1\_R1, or the results of studies that show compliance of new or functionally modified RAS with the NERC Reliability Standards and Regional Reliability Organization criteria were not provided in accordance with Regional Reliability Organization procedures for Reliability Standard PRC-012-1\_R1.

### E. Regional Differences

1. None identified.

### Version History

Version	Date	Action	Change Tracking
0	April 1, 2005	Effective Date	New
1	November 13, 2014	Adopted by the NERC Board of Trustees	Replaced references to Special Protection System and SPS with Remedial Action Scheme and RAS
1	November 19, 2015	FERC Order issued approving PRC-015-1. Docket No. RM15-13-000.	