



AESO Reliability Standards Monthly Report

July 2009

PRC-005-2 - Protection System Maintenance and Testing

Purpose:

Revised Standard, Version 1.

Current Standards:

PRC-005-1 — Transmission and Generation Protection System Maintenance and Testing

PRC-008-0 — Underfrequency Load Shedding Equipment Maintenance Program

PRC-011-0 — UVLS System Maintenance and Testing

PRC-017-0 — Special Protection System Maintenance and Testing.

Proposed Standard:

PRC-005-2 addresses FERC directives from FERC Order 693 as well as issues identified by stakeholders. In accordance with the FERC directives, this draft standard establishes requirements for a time-based maintenance program, where all relevant devices are maintained according to prescribed maximum intervals. It further establishes requirements for a condition-based maintenance program, where the hands-on maintenance intervals are adjusted to reflect the known and reported condition of the relevant devices, and for a performance-based maintenance program, where the hands-on maintenance intervals are adjusted to reflect the historical performance of the relevant devices. PRC-005-2 will replace the 4 current standards noted above.

Applicability:

Transmission Owners, Generator Owners, Distribution Providers

Current Status:

The standard is posted for comment until September 8, 2009.

NERC Link:

[Protection System Maintenance and Testing](#)