

Implementation Plan

Project 2007-06.2 – Phase 2 of System Protection Coordination

Requested Approvals

- TOP-009-1 – Knowledge of Composite Protection Systems and Remedial Action Schemes and Their Effects

Requested Retirements

- PRC-001-1.1(ii) – Protection System Coordination¹

Prerequisite Approvals²

- IRO-001-4 – Reliability Coordination - Responsibilities and Authorities
- IRO-005-4 – Reliability Coordination - Current Day Operations
- IRO-008-2 – Reliability Coordinator Operational Analyses and Real-time Assessments
- IRO-010-2 – Reliability Coordinator Data Specification and Collection
- IRO-017-1 – Outage Coordination
- TOP-001-3 – Transmission Operation
- TOP-002-4 – Operations Planning
- TOP-003-3 – Operational Reliability Data
- PRC-027-1 – Coordination of Protection Systems for Performance During Faults

Applicable Entities

- Balancing Authority
- Generator Operator
- Transmission Operator

¹ The complete retirement of PRC-001-1.1(ii) is contingent upon the approval of both proposed Reliability Standards PRC-027-1 and TOP-009-1. NERC is proposing the complete retirement of PRC-001-1.1(ii) in the implementation plans associated with both PRC-027-1 and TOP-009-1. The Project 2007-06 System Protection Coordination Mapping Document shows how PRC-027-1 addresses requirements R3 and R4 of PRC-001-1.1(ii). The remaining requirements of PRC-001-1.1(ii) – Requirements R1, R2, R5, and R6 are proposed for retirement in Project 2007-6.2 Phase 2 of System Protection Coordination (see the Mapping Document for Project 2007-06.2 Phase 2 of System Protection Coordination).

² See the Project 2007-06.2 Mapping Document for an explanation of why the prerequisite standards must be approved in order to address the complete retirement of PRC-001-1.1(ii), Requirements R1, R2, R5, and R6. For Requirements R3 and R4 of PRC-001-1.1(ii), see the Mapping Document for Project 2007-06 System Protection Coordination).

General Considerations

There are a number of factors that influenced the determination of an implementation period for the new proposed standard. The following factors may be specific to one or more of the applicable entities as listed below:

1. The effort and resources for all applicable entities to develop or modify internal processes and/or procedures.
2. Alignment with the implementation plan of Project 2007-06, which is proposing a 12 month implementation for the proposed Reliability Standard PRC-027-1.
3. Coordinating the retirement of PRC-001-1.1(ii) by incorporating PRC-001-1.1(ii), Requirement R1 into the new TOP-009-1, explaining how Requirements R2, R5, and R6 are addressed by the TOP/IRO standards listed above, and the incorporation of the remaining Requirements R3 and R4 into PRC-027-1 that are being addressed by Project 2007-06 System Protection Coordination (Phase 1).
4. The effort for all applicable entities to obtain the information it needs from the owners of Composite Protection Systems and Remedial Action Schemes.

Effective Dates

TOP-009-1 – Knowledge of Composite Protection Systems and Remedial Action Schemes and Their Effects

Reliability Standard TOP-009-1 shall become effective on the first day of the first calendar quarter that is ~~twelve (12)~~twenty-four (24) months after the date that the standard is approved by an applicable governmental authority or as otherwise provided for in a jurisdiction where approval by an applicable governmental authority is required for a standard to go into effect. Where approval by an applicable governmental authority is not required, the standard shall become effective on the first day of the first ~~full~~ calendar quarter that is ~~twelve (12)~~twenty-four (24) months after the date the standard is adopted by the NERC Board of Trustees or as otherwise provided for in that jurisdiction.

Retirement

PRC-001-1.1(ii) – System Protection Coordination

PRC-001-1.1(ii) – System Protection Coordination shall be retired at midnight of the day immediately prior to the day that TOP-009-1 and PRC-027-1 become effective.