

Implementation Plan

PRC-004-5 – Protection System Misoperation Identification and Correction

Project 2008-02.2 – Phase 2 UVLS: Misoperations

Requested Approvals

- PRC-004-5 – Protection System Misoperation Identification and Correction

Requested Retirements

- PRC-004-4 – Protection System Misoperation Identification and Correction¹

Prerequisite Approvals

- PRC-010-2 – Undervoltage Load Shedding

General Considerations

The implementation period is intended to align with the Effective Date of PRC-010-1 or occurring soon thereafter in order to incorporate certain aspects of PRC-022-1 – Under-Voltage Load Shedding Program Performance into PRC-004. PRC-022-1 was retired by PRC-010-1. The Implementation Plan for PRC-010-1² allows twelve (12) calendar months after applicable approvals. Version five of PRC-004 is including undervoltage load shedding (UVLS) that is intended to trip one or more BES Elements.

Applicable Entities

- Transmission Owner
- Generator Owner
- Distribution Provider

¹ PRC-004-4 was adopted by the NERC Board of Trustees on November 13, 2014. PRC-004-4 is pending adoption or approval by applicable governmental authorities. PRC-004-5 will retire PRC-004-3 if PRC-004-4 is not adopted or approved by an applicable governmental authority.

² Refer to Project 2008-02.2 on the NERC website. (http://www.nerc.com/pa/Stand/Pages/Project-2008-02_2-Phase-2-Undervoltage-Load-Shedding-UVLS-Misoperations.aspx)

Effective Dates

PRC-004-5 shall become effective on the later of the first day following the Effective Date of PRC-010-1 or the first day of the first calendar quarter after 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 later of the first day following the Effective Date of PRC-010-1 or the first day of the first calendar quarter after the date the standard is adopted by the NERC Board of Trustees or as otherwise provided for in that jurisdiction.