

# 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 Correction<sup>1</sup>

#### 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-~~5~~. The standard PRC-022-1 was retired by PRC-010-1. The Implementation Plan for PRC-010-1<sup>2</sup> allows twelve (12) calendar months after applicable approvals. Version five two of PRC-~~004010~~ is including undervoltage load shedding (UVLS) that is intended to trip one or more BES Elements included in a UVLS Program.

#### Applicable Entities

- Transmission Owner
- Generator Owner
- Distribution Provider

<sup>1</sup> 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.

<sup>2</sup> 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](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.