

Implementation Plan

PRC-006-NPCC-3 Automatic Underfrequency Load Shedding

Date: TBD

Applicable Standard(s)

- PRC-006-NPCC-3 – Automatic Underfrequency Load Shedding

Requested Retirement(s)

- PRC-006-NPCC-2 – Automatic Underfrequency Load Shedding

Applicable Entities

- Generator Owner
- Planning Coordinator
- Distribution Provider that are responsible for the ownership, operation, or control of UFLS equipment as required by the UFLS program.
- Transmission Owners that are responsible for the ownership, operation, or control of UFLS equipment as required by the UFLS program.

Background

The revisions to the PRC-006-NPCC-2 Automatic Underfrequency Load Shedding (UFLS) Regional Standard have been developed to accomplish the following:

1. Revise footnote #1 found in Tables 1, 2, and 3 of Attachment C, related to the tolerances for both the 300ms and 10s load shedding stages.
2. Clarify the UFLS program performance characteristics in Figure 1.
3. Modify Requirement 10 to include the applicability to protective functions.
4. Add curve data equations for Figure 2.
5. Remove the upper limit to the cumulative requirements provided in Attachment C, Tables 1, 2 and 3.
6. Perform the five-year review of the standard per the Regional Standards Processes Manual requirement.

Effective Date

Requirement 10 will be enforceable on the first day of the first calendar quarter 12 months following applicable governmental and regulatory approvals.

All other Requirements will be enforceable on the first day of the first calendar quarter 3 months following applicable governmental and regulatory approvals.

Retirement Date

Regional Reliability Standard PRC-006-NPCC-2 shall be retired immediately prior to the effective date of PRC-006-NPCC-3.