



# Implementation Plan

## Regional Reliability Standard PRC-006-NPCC-2 – Automatic Underfrequency Load Shedding

### Applicable Standard(s)

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

### Requested Retirement(s)

- PRC-006-NPCC-1 – Automatic Underfrequency Load Shedding

### Applicable Entities

- Generator Owners
- Planning Coordinators
- Distribution Providers 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-1 Automatic Underfrequency Load Shedding have been developed to address the following concerns.

1. To determine if the applicability of the standard needs to be revised in accordance with Project 2014-01 Dispersed Generation Resources.
2. To determine if the performance requirements as contained in the criteria of NPCC Directory#12 Sections 5.1.1 and 5.1.2 should be explicitly included in the requirements of the Regional Standard and potential retirement of Directory 12 Automatic Underfrequency Load Shedding Program.
3. Review Attachment C in PRC-006-NPCC-1 to address the implications of the design assessment, in accordance with Requirement R4 of PRC-006-1/PRC-006-2, of not meeting the program performance characteristics as identified in Requirement R3 of PRC-006-1/PRC-006-2.
4. Review and revise Table 4 in Attachment C in accordance with the 2013 NPCC UFLS Adequacy Assessment. Additionally, the applicability of Requirements R4 and R5 will be reviewed to consider that Hydro Quebec is not part of the Eastern Interconnection.



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### **Effective Date**

All requirements with the exception of R3 will be enforceable on the first day of the first calendar quarter following the applicable governmental and regulatory approvals.

R3 will be enforceable on the first day of the first calendar quarter 12 months following the applicable governmental and regulatory approvals.

### **Retirement Date**

The NPCC Regional Reliability Standard PRC-006-NPCC-1 shall be retired immediately prior to the Effective Date of PRC-006-NPCC-2.