

# **PRC-006-NPCC-1 Automatic Underfrequency Load Shedding**

## **Implementation Plan**

### **Background:**

The purpose of this draft Regional Standard is to ensure the development and maintenance of an effective and coordinated Automatic Underfrequency Load Shedding program in order to preserve the reliability and integrity of the bulk power system during declining system frequency events.

In the developing the Implementation Plan for PRC-006-NPCC-01 the Standard Drafting Team considered the following:

1. The requirements listed in this Regional Standard are intended to cover all aspects of the UFLS program. The Drafting Team coordinated its development with the recently approved NERC UFLS Standard PRC-006. The intent of this Regional Standard is to be more stringent than the continent wide standard while incorporating specific program characteristics into the requirements.
2. The Implementation Plan for this standard is the same as the existing and ongoing Implementation Plan for NPCC Directory #12.
3. The Regional Standard implementation plan will not require adherence to the annual milestones within the Directory #12 plan. However, entities will be required to be fully compliant by the end of the existing Directory #12 implementation plan.

### **Effective Dates:**

1. The effective date for requirements R1, R2, R3, R4, R5, R6, R7, and R8 is the first day of the first quarter following applicable regulatory approval but no earlier than Jan 1, 2016 to allow for the existing implementation plan to be completed.
2. The effective date for requirements R9 through R26 is the first day of the first quarter two years following applicable governmental and regulatory approval.

**Reference:**

- 2006 Assessment of UFLS Adequacy Part 3 Assessment of Program Modifications.
- SS38 Underfrequency Load Shedding Support Study

**NPCC Criteria:**

- Directory #12 Underfrequency Load Shedding Program Requirements.
- A-7 NPCC Glossary of Terms.

**Implementation Plans:**

- UFLS Implementation Plan for the Eastern Interconnection Portion of NPCC.
- UFLS Implementation Plan for the Québec Interconnection Portion of NPCC.