

**A. Introduction**

- 1. Title:** Implementation and Documentation of Underfrequency Load Shedding Equipment Maintenance Program
- 2. Number:** PRC-008-0
- 3. Purpose:** Provide last resort system preservation measures by implementing an Under Frequency Load Shedding (UFLS) program.
- 4. Applicability:**
  - 4.1.** Transmission Owner required by its Regional Reliability Organization to have a UFLS program
  - 4.2.** Distribution Provider required by its Regional Reliability Organization to have a UFLS program
- 5. Effective Date:** April 1, 2005

**B. Requirements**

- R1.** The Transmission Owner and Distribution Provider with a UFLS program (as required by its Regional Reliability Organization) shall have a UFLS equipment maintenance and testing program in place. This UFLS equipment maintenance and testing program shall include UFLS equipment identification, the schedule for UFLS equipment testing, and the schedule for UFLS equipment maintenance.
- R2.** The Transmission Owner and Distribution Provider with a UFLS program (as required by its Regional Reliability Organization) shall implement its UFLS equipment maintenance and testing program and shall provide UFLS maintenance and testing program results to its Regional Reliability Organization and NERC on request (within 30 calendar days).

**C. Measures**

- M1.** Each Transmission Owner's and Distribution Provider's UFLS equipment maintenance and testing program contains the elements specified in Reliability Standard PRC-008-0\_R1.
- M2.** Each Transmission Owner and Distribution Provider shall have evidence that it provided the results of its UFLS equipment maintenance and testing program's implementation to its Regional Reliability Organization and NERC on request (within 30 calendar days).

**D. Compliance**

- 1. Compliance Monitoring Process**
  - 1.1. Compliance Monitoring Responsibility**

Compliance Monitor – British Columbia Utilities Commission  
Compliance Monitor's Administrator – Western Electricity Coordinating Council
  - 1.2. Compliance Monitoring Period and Reset Timeframe**

On request (within 30 calendar days).
  - 1.3. Data Retention**

None specified.
  - 1.4. Additional Compliance Information**

None.

**2. Levels of Non-Compliance**

- 2.1. Level 1:** Documentation of the maintenance and testing program was incomplete, but records indicate implementation was on schedule.
- 2.2. Level 2:** Complete documentation of the maintenance and testing program was provided, but records indicate that implementation was not on schedule.
- 2.3. Level 3:** Documentation of the maintenance and testing program was incomplete, and records indicate implementation was not on schedule.
- 2.4. Level 4:** Documentation of the maintenance and testing program, or its implementation was not provided.

**E. Regional Differences**

None identified.