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: Regional Reliability Organization.

   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**

1. None identified.

**Version History**

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Effective Date of Standard: PRC-008-0 — Implementation and Documentation of Underfrequency Load Shedding Equipment Maintenance Program

United States

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