

A. Introduction

1. **Title:** **Electrical Facility Ratings for System Modeling**
2. **Number:** FAC-005-0
3. **Purpose:** To ensure that electrical facilities used in the transmission and storage of electricity are Rated in compliance with applicable Regional Reliability Organization requirements.
4. **Applicability:**
 - 4.1. Transmission Owner
 - 4.2. Generator Owner
5. **Effective Date:** April 1, 2005

B. Requirements

- R1. The transmission Owner, and Generator Owner shall each have on file or be able to readily provide, a document or database identifying the Normal and Emergency Ratings of all of its transmission facilities (e.g., lines, transformers, terminal equipment, and storage devices) that are part of the interconnected transmission systems. Seasonal variations in Ratings shall be included as appropriate.
 - R1.1. The Ratings shall be consistent with the entity's methodology(ies) for determining Facility Ratings and shall be updated as facility changes occur.
- R2. The Transmission Owner and Generator Owner shall provide the Normal and Emergency Facility Ratings of all its transmission facilities to the Regional Reliability Organization(s) and NERC on request (30 calendar days).

C. Measures

- M1. The Transmission Owner and Generator Owner shall provide documentation of its facility Ratings as specified in Reliability Standard FAC-005-0_R1 and Standard FAC-005-0_R2.

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 (30 calendar days.)
 - 1.3. **Data Retention**

None specified.
 - 1.4. **Additional Compliance Information**

None.
2. **Levels of Non-Compliance**
 - 2.1. **Level 1:** Facility Ratings were incomplete or the methodology(ies) were inconsistently applied in one facility type.

Standard FAC-005-0 — Electrical Facility Ratings for System Modeling

- 2.2. **Level 2:** Facility Ratings were incomplete or the methodology(ies) were inconsistently applied in two facility types.
- 2.3. **Level 3:** Facility Ratings were incomplete or the methodology(ies) were inconsistently applied in three or more facility types.
- 2.4. **Level 4:** Facility Ratings were not provided.

E. Regional Differences

- 1. None identified.

Version History

Version	Date	Action	Change Tracking
0	April 1, 2005	Effective Date	New