

**A. Introduction**

1. **Title:** **Dynamics Data for Modeling and Simulation of the Interconnected Transmission System.**
2. **Number:** MOD-012-0
3. **Purpose:** To establish consistent data requirements, reporting procedures, and system models to be used in the analysis of the reliability of the interconnected transmission systems.
4. **Applicability:**
  - 4.1. Transmission Owners specified in the data requirements and reporting procedures of MOD-013-0\_R1
  - 4.2. Transmission Planners specified in the data requirements and reporting procedures of MOD-013-0\_R1
  - 4.3. Generator Owners specified in the data requirements and reporting procedures of MOD-013-0\_R1
  - 4.4. Resource Planners specified in the data requirements and reporting procedures of MOD-013-0\_R1
5. **Effective Date:** April 1, 2005

**B. Requirements**

- R1.** The Transmission Owners, Transmission Planners, Generator Owners, and Resource Planners (specified in the data requirements and reporting procedures of MOD-013-0\_R1) shall provide appropriate equipment characteristics and system data in compliance with the respective Interconnection-wide Regional dynamics system modeling and simulation data requirements and reporting procedures as defined in Reliability Standard MOD-013-0\_R1.
- R2.** The Transmission Owners, Transmission Planners, Generator Owners, and Resource Planners (specified in the data requirements and reporting procedures of MOD-013-0\_R1) shall provide dynamics system modeling and simulation data to its Regional Reliability Organization(s), NERC, and those entities specified within the applicable reporting procedures identified in Reliability Standard MOD-013-0\_R1. If no schedule exists, then these entities shall provide data on request (30 calendar days).

**C. Measures**

- M1.** The Transmission Owners, Transmission Planners, Generator Owners, and Resource Planners (specified in the data requirements and reporting procedures of MOD-013-0\_R1) shall each have evidence that it provided equipment characteristics and system data for dynamics system modeling and simulation in accordance with Reliability Standard MOD-012-0\_R1 and Reliability Standard MOD-012-0\_R2.

**D. Compliance**

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

Compliance Monitor: Regional Reliability Organizations.

**1.2. Compliance Monitoring Period and Reset Timeframe**

As specified within the applicable reporting procedures (Reliability Standard MOD-013-0). If no schedule exists, then 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:** Dynamics data was provided, but was incomplete in one of the four areas identified in Reliability Standard MOD-013-0\_R1.

**2.2. Level 2:** Not Applicable.

**2.3. Level 3:** Dynamics data was provided, but was incomplete in two or more of the four areas identified in Reliability Standard MOD-013-0\_R1.

**2.4. Level 4:** Dynamics data was not provided.

**E. Regional Differences**

1. None identified.

**Version History**

<b>Version</b>	<b>Date</b>	<b>Action</b>	<b>Change Tracking</b>
0	April 1, 2005	Effective Date	New
0	September 16, 2005	Changed references to MOD-013-0 R4 to MOD-013-0 R1 in Applicability, Requirements, and Measures (4 in all).	Errata