

**A. Introduction**

1. **Title:** **Regional and Interregional Self-Assessment Reliability Reports**
2. **Number:** TPL-005-0
3. **Purpose:** To ensure that each Regional Reliability Organization complies with planning criteria, for assessing the overall reliability (Adequacy and Security) of the interconnected Bulk Electric Systems, both existing and as planned.
4. **Applicability:**
  - 4.1. Regional Reliability Organization
5. **Effective Date:** April 1, 2005

**B. Requirements**

- R1.** Each Regional Reliability Organization shall annually conduct reliability assessments of its respective existing and planned Regional Bulk Electric System (generation and transmission facilities) for:
  - R1.1.** Current year:
    - R1.1.1.** Winter.
    - R1.1.2.** Summer.
    - R1.1.3.** Other system conditions as deemed appropriate by the Regional Reliability Organization.
  - R1.2.** Near-term planning horizons (years one through five). Detailed assessments shall be conducted.
  - R1.3.** Longer-term planning horizons (years six through ten). Assessment shall focus on the analysis of trends in resources and transmission Adequacy, other industry trends and developments, and reliability concerns.
  - R1.4.** Inter-Regional reliability assessments to demonstrate that the performance of these systems is in compliance with NERC Reliability Standards TPL-001-0, TPL-002-0, TPL-003-0, TPL-004-0 and respective Regional transmission and generation criteria. These assessments shall also identify key reliability issues and the risks and uncertainties affecting Adequacy and Security.
- R2.** The Regional Reliability Organization shall provide its Regional and Inter-Regional seasonal, near-term, and longer-term reliability assessments to NERC on an annual basis.
- R3.** The Regional Reliability Organization shall perform special reliability assessments as requested by NERC or the NERC Board of Trustees under their specific directions and criteria. Such assessments may include, but are not limited to:
  - R3.1.** Security assessments.
  - R3.2.** Operational assessments.
  - R3.3.** Evaluations of emergency response preparedness.
  - R3.4.** Adequacy of fuel supply and hydro conditions.
  - R3.5.** Reliability impacts of new or proposed environmental rules and regulations.

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**R3.6.** Reliability impacts of new or proposed legislation that affects, has affected, or has the potential to affect the Adequacy of the interconnected Bulk Electric Systems in North America.

### C. Measures

**M1.** The Regional Reliability Organization shall provide evidence to its Compliance Monitor that annual Regional and Inter-Regional assessments of reliability for seasonal, near-term, and longer-term planning horizons, and special assessments, were developed and provided as requested by other Regional Reliability Organizations or NERC.

### D. Compliance

#### 1. Compliance Monitoring Process

##### 1.1. Compliance Monitoring Responsibility

Compliance Monitor: NERC.

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

Annually.

##### 1.3. Data Retention

None specified.

##### 1.4. Additional Compliance Information

None.

#### 2. Levels of Non-Compliance

**2.1. Level 1:** Regional, Inter-Regional, and/or special reliability assessments were provided as requested, but were incomplete.

**2.2. Level 2:** Not applicable.

**2.3. Level 3:** Not applicable.

**2.4. Level 4:** Regional, Inter-Regional, and/or special reliability assessments were not provided.

### E. Regional Differences

1. None identified.

### Version History

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