

## A. Introduction

1. **Title:** Reliability Coordination — Wide-Area View
2. **Number:** IRO-003-~~32~~
3. **Purpose:** The Reliability Coordinator must have a ~~Wide~~-~~a~~Area view of its own Reliability Coordinator Area and that of neighboring Reliability Coordinators.
4. **Applicability**
  - 4.1. Reliability Coordinators.
5. **Effective Date:** ~~TBD~~January 1, 2007

## B. Requirements

- R1. Each Reliability Coordinator shall monitor ~~all Bulk Electric System f~~Facilities, ~~which may include sub-transmission information,~~ within its Reliability Coordinator Area and adjacent Reliability Coordinator Areas, as necessary to ~~ensure that, at any time, regardless of prior planned or unplanned events, the Reliability Coordinator is able to~~ determine ~~expected and detect any actual potential~~ System Operating Limit and Interconnection Reliability Operating Limit ~~exceedances violations~~ within its Reliability Coordinator Area. *[Violation Risk Factor: High; Time horizon: Real-time Operations, Same Day Operations, Operations Planning]*
- R2. ~~Each Reliability Coordinator shall know the current status of all critical facilities whose failure, degradation or disconnection could result in an SOL or IROL violation.~~ Reliability Coordinators shall ~~also know~~ and assess the status of any ~~f~~Facilities that may be required to assist area restoration objectives. *[Violation Risk Factor: High; Time horizon: Real-time Operations, Same Day Operations, Operations Planning]*

## C. Measures

- M1. The Reliability Coordinator shall have and provide upon request evidence that could include, but is not limited to, Energy Management System description documents, computer printouts, SCADA data collection, or other equivalent evidence that will be used to confirm that it monitors Facilities in its Reliability Coordinator Area and adjacent Reliability Coordinator Areas as necessary to ~~ensure that, regardless of prior planned or unplanned events, the Reliability Coordinator is able to~~ determine expected and detect actual any potential System Operating Limit and Interconnection Reliability Operating Limit ~~exceedances violations~~ within its Reliability Coordinator Area. (Requirement R1)
- ~~M1.~~M2. Each Reliability Coordinator shall have and provide evidence which may include, but is not limited to dated operator logs, dated voice recordings or dated transcripts of voice recordings, electronic communications, or equivalent documentation, that will be used to determine that it is able to know and assess the status of Facilities that may be required to assist area restoration objectives. (Requirement R2)

## D. Compliance

**1. Compliance Monitoring Process**

**1.1. Compliance Enforcement Authority**

Regional Entity

**1.2. Evidence Retention**

The Reliability Coordinator shall each keep data or evidence to show compliance as identified below unless directed by its Compliance Enforcement Authority to retain specific evidence for a longer period of time as part of an investigation. For instances where the evidence retention period specified below is shorter than the time since the last audit, the CEA may ask an entity to provide other evidence to show that it was compliant for the full time period since the last audit.

- The Reliability Coordinator shall maintain evidence to show compliance with R1 and R2 for the most recent three calendar months plus the current month.

If a Reliability Coordinator is found non-compliant, it shall keep information related to the non-compliance until found compliant.

The Compliance Enforcement Authority shall keep the last audit records and all requested and submitted subsequent audit records.

**1.3. Compliance Monitoring and Assessment Processes:**

Compliance Audits

Self-Certifications

Spot Checking

Compliance Violation Investigations

Self-Reporting

Complaints Text

**1.4. Additional Compliance Information**

None

~~**1. Compliance Monitoring Process**~~

~~**1.1. Compliance Monitoring Responsibility**~~

~~Regional Reliability Organizations shall be responsible for compliance monitoring.~~

~~**1.2. Compliance Monitoring and Reset Time Frame**~~

~~One or more of the following methods will be used to assess compliance:~~

~~— Self-certification (Conducted annually with submission according to schedule.)~~

~~— Spot Check Audits (Conducted anytime with up to 30 days notice given to prepare.)~~

~~— Periodic Audit (Conducted once every three years according to schedule.)~~

~~— Triggered Investigations (Notification of an investigation must be made within 60 days of an event or complaint of noncompliance. The entity will~~

~~have up to 30 days to prepare for the investigation. An entity may request an extension of the preparation period and the extension will be considered by the Compliance Monitor on a case-by-case basis.)~~

~~The Performance Reset Period shall be 12 months from the last finding of non-compliance.~~

### ~~1.3.—Data Retention~~

~~Each Reliability Coordinator shall have current in-force documents used to show compliance with Measure 1.~~

~~If an entity is found non-compliant the entity shall keep information related to the noncompliance until found compliant or for two years plus the current year, whichever is longer.~~

~~Evidence used as part of a triggered investigation shall be retained by the entity being investigated for one year from the date that the investigation is closed, as determined by the Compliance Monitor,~~

~~The Compliance Monitor shall keep the last periodic audit report and all requested and submitted subsequent compliance records.~~

### ~~1.4.—Additional Compliance Information~~

~~None.~~

## ~~2.—Levels of Non-Compliance for a Reliability Coordinator~~

~~2.1.—Level 1: Not applicable.~~

~~2.2.—Level 2: Not applicable.~~

~~2.3.—Level 3: Not applicable.~~

~~2.4.1.5. Level 4: Did not produce acceptable evidence to confirm that it monitors adjacent Reliability Coordinator Areas as necessary to ensure that, at any time, regardless of prior planned or unplanned events, the Reliability Coordinator is able to determine any potential System Operating Limit and Interconnection Reliability Operating Limit violations within its Reliability Coordinator Area.~~

## E. Regional Differences

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	August 8, 2005	Removed “Proposed” from Effective Date	Errata
1	February 7, 2006	Adopted by Board of Trustees	Revised
2	November 1, 2006	Adopted by Board of Trustees	Revised
<u>3</u>	<u>TBD</u>		<u>Revised under Five Year Review Project</u>