

## A. Introduction

1. **Title:** **Reliability Coordination – System Restoration**
2. **Number:** EOP-006-1
3. **Purpose:** The Reliability Coordinator must have a coordinating role in system restoration to ensure reliability is maintained during restoration and priority is placed on restoring the Interconnection.
4. **Applicability**
  - 4.1. Reliability Coordinator.
5. **Effective Date:** January 1, 2007

## B. Requirements

- R1. Each Reliability Coordinator shall be aware of the restoration plan of each Transmission Operator in its Reliability Coordinator Area in accordance with NERC and regional requirements.
- R2. The Reliability Coordinator shall monitor restoration progress and coordinate any needed assistance.
- R3. The Reliability Coordinator shall have a Reliability Coordinator Area restoration plan that provides coordination between individual Transmission Operator restoration plans and that ensures reliability is maintained during system restoration events.
- R4. The Reliability Coordinator shall serve as the primary contact for disseminating information regarding restoration to neighboring Reliability Coordinators and Transmission Operators or Balancing Authorities not immediately involved in restoration.
- R5. Reliability Coordinators shall approve, communicate, and coordinate the re-synchronizing of major system islands or synchronizing points so as not to cause a Burden on adjacent Transmission Operator, Balancing Authority, or Reliability Coordinator Areas.
- R6. The Reliability Coordinator shall take actions to restore normal operations once an operating emergency has been mitigated in accordance with its restoration plan.

## C. Measures

- M1. Each Reliability Coordinator shall have and provide upon request a current copy of the restoration plan of each Transmission Operator in its Reliability Coordinator Area that will be used to confirm that it meets Requirement 1.
- M2. The Reliability Coordinator shall have and provide upon request evidence that could include, but is not limited to, operator logs, voice recordings or transcripts of voice recordings, electronic communications, computer printouts, or other equivalent evidence that will be used to determine if the Reliability Coordinator monitored restoration progress and coordinated any needed assistance in accordance with Requirement 2.

- M3.** The Reliability Coordinator shall have and provide upon request a current copy of the Reliability Coordinator Area restoration plan that confirms that the Reliability Coordinator role of providing coordination between individual Transmission Operator restoration plans is included in the Reliability Coordinator Restoration Plan. (Requirement 3)
- M4.** The Reliability Coordinator shall have, and provide upon request, evidence that could include, but is not limited to operator logs, voice recordings or transcripts of voice recordings, electronic communications, computer printouts, or other equivalent evidence that will be used to determine if it served as the primary contact to disseminate information to neighboring Reliability Coordinators and Transmission Operators and Balancing Authorities that were not immediately involved in restoration. (Requirement 4)
- M5.** The Reliability Coordinator shall have and provide upon request evidence that could include, but is not limited to, operator logs, voice recordings or transcripts of voice recordings, electronic communications, computer printouts, or other equivalent evidence that will be used to determine if it approved, communicated, and coordinated the re-synchronizing of major system islands or synchronizing points. (Requirement 5)
- M6.** The Reliability Coordinator shall have and provide upon request, evidence that could include, but is not limited to system restoration plan, operator logs, voice recordings or transcripts of voice recordings, electronic communications, computer printouts, or other equivalent evidence that will be used to determine if it took actions to restore normal operations, once an operating emergency was mitigated, in accordance with its restoration plan. (Requirement 6)

## **D. Compliance**

### **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 twelve months from the last finding of non-compliance.

**1.3. Data Retention**

Each Reliability Coordinator shall have the current version of its Transmission Operator's restoration plans (Measure 1) and its current Reliability Coordinator Area restoration plan (Measure 3)

Each Reliability Coordinator shall keep historical data (evidence) gathered as a result of each major system disturbance requiring the implementation of system restoration plans and data gathered during the restoration period until normal system operation is resumed, for three years (Measure 2 , 4 , 5 and 6).

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:**

**2.1. Level 1:** Did not have one of the Transmission Operator restoration plans within the Reliability Coordinator's Area as specified in R1.

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

**2.3. Level 3:** There shall be a separate Level 3 non-compliance, for every one of the following requirements that is in violation:

**2.3.1** Does not have a Reliability Coordinator Restoration plan that defines the requirement of the Reliability Coordinator to provide coordination between individual Transmission Operator restoration plans as specified in R3.

**2.3.2** No evidence it served as the primary contact to disseminate information to neighboring Reliability Coordinators, Transmission Operators and Balancing Authorities that were not immediately involved in restoration. (Requirement 4).

**2.4. Level 4:** There shall be a separate Level 4 non-compliance, for every one of the following requirements that is in violation:

**2.4.1** Did not have two or more of the Transmission Operator restoration plans within the Reliability Coordinator's Area as specified in R1.

- 2.4.2 Did not monitor restoration progress and coordinate assistance as specified in R2.
- 2.4.3 Did not approve, communicate, and coordinate the re-synchronizing of major system islands or synchronizing points as specified in R5.
- 2.4.4 Did not take action in accordance with its restoration plan to return to normal operations once an operating emergency was mitigated as specified in R6.

**E. Regional Differences**

None identified.

**Version History**

Version	Date	Action	Change Tracking
0	April 1, 2005	Effective Date	New
0	August 8, 2005	Removed “Proposed” from Effective Date	Errata
1	November 1, 2006	Adopted by Board of Trustees	Revised