

A. Introduction

1. **Title:** **Reliability Coordination – Analysis Tools**
2. **Number:** IRO-002-3
3. **Purpose:** To ensure that Reliability Coordinators provide their System Operators with authority with respect to analysis tool outages and to have procedures to mitigate effects of analysis tool outages.
4. **Applicability**
 - 4.1. Reliability Coordinator
5. **Effective Date:** In those jurisdictions where regulatory approval is required, this standard shall become effective on the first day of the first calendar quarter after applicable regulatory approval. In those jurisdictions where no regulatory approval is required, this standard shall become effective on the first day of the first calendar quarter after Board of Trustees approval.

B. Requirements

- R1. Each Reliability Coordinator shall provide its System Operators with the authority to approve, deny or cancel planned outages of its own analysis tools. [*Violation Risk Factor: Medium*] [*Time Horizon: Real-time Operations, Same Day Operations and Operations Planning*]
- R2. Each Reliability Coordinator shall have procedures in place to mitigate the effects of analysis tool outages. [*Violation Risk Factor: Medium*] [*Time Horizon: Real-time Operations, Same Day Operations and Operations Planning*]

C. Measures

- M1. Each Reliability Coordinator shall have and provide upon request evidence that could include, but is not limited to, a documented procedure or equivalent evidence that will be used to confirm that the Reliability Coordinator has provided its System Operators with the authority to approve, deny or cancel planned outages of its own analysis tools. (R1)
- M2. Each Reliability Coordinator shall have and provide upon request evidence that could include, but is not limited to, a documented procedure or equivalent evidence that will be used to confirm that that the Reliability Coordinator has procedures in place to mitigate the effects of analysis tool outages. (R2)

D. Compliance

1. Compliance Monitoring Process

1.1. Compliance Enforcement Authority

The Regional Entity is the Compliance Enforcement Authority except where the Reliability Coordinator works for the Regional Entity. Where the Reliability Coordinator works for the Regional Entity, the Regional Entity will establish an agreement with the ERO or another entity approved by the ERO and FERC (i.e. another Regional Entity), to be responsible for compliance enforcement.

1.2. Compliance Monitoring and Enforcement Processes:

Compliance Audit

Self-Certification

Spot Checking

Compliance Violation Investigation

Self-Reporting
Complaint

1.3. Data Retention

The Reliability Coordinator shall 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:

- The Reliability Coordinator shall retain its current, in force document and any documents in force for the current year and previous calendar year for Requirements R1 and R2 and Measures M1 and M2.
- 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.

1.4. Additional Compliance Information

None.

2. Violation Severity Levels

Violation Severity Levels				
R#	Lower VSL	Moderate VSL	High VSL	Severe VSL
R1	N/A	N/A	N/A	The Reliability Coordinator failed to provide its System Operator with the authority to approve, deny or cancel planned outages of its own analysis tools.
R2	N/A	N/A	N/A	The Reliability Coordinator failed to have a procedure to mitigate the effects of analysis tool outages.

E. Regional Variances

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	
1	April 4, 2007	Replaced Levels of Non-compliance with the Feb 28, BOT approved Violation Severity Levels (VSLs) Corrected typographical errors in BOT approved version of VSLs	Revised to add missing measures and compliance elements
2	October 17, 2008	Deleted R2, M3 and associated compliance elements as conforming changes associated with approval of IRO-010-1	Revised as part of IROL Project
2	October 17, 2008	Adopted by NERC Board of Trustees	IROL Project
2	March 23, 2011	Order issued by FERC approving IRO-002-2 (approval effective 5/23/11)	
3	August 4, 2011	Retired R1-R8 under Project 2006-06.	Project 2006-06
3	August 4, 2011	Adopted by the Board of Trustees	