

**Standard Development Roadmap**

*This section is maintained by the drafting team during the development of the standard and will be removed when the standard becomes effective.*

**Development Steps Completed:**

1. SAR version 1 posted on May 15, 2007.
2. SAR version 1 comment period closed on June 13, 2007.
3. SAR version 2 posted on August 7, 2007.
4. SAR version 2 comment period closed on September 7, 2007.
5. SAR approved by SC on November 1, 2007.
6. First posting of revised standards on October 7, 2008.

**Proposed Action Plan and Description of Current Draft:**

The SDT began meeting in January 2008 following the approval of the SAR by the SC. The schedule shows completion of the project in 3Q09. The current draft is the second posting of the revised standards. As part of the proposed revisions TOP-005-1, TOP-006-1, TOP-007-0, TOP-008-0, and PER-001-0 will be retired. The requirements in this standard have been eliminated or moved to other standards within this project. Some changes made in this project are dependent on corresponding changes to Project 2006-06, Reliability Coordination, being approved.

**Future Development Plan:**

<b>Anticipated Actions</b>	<b>Anticipated Date</b>
1. Post for ballot.	July 2009
2. Post for re-ballot.	September 2009
3. Submit to BOT.	September 2009
4. Submit to regulatory authorities for approval.	October 2009

**Definitions of Terms Used in Standard**

*This section includes all newly defined or revised terms used in the proposed standard. Terms already defined in the Reliability Standards Glossary of Terms are not repeated here. New or revised definitions listed below become approved when the proposed standard is approved. When the standard becomes effective, these defined terms will be removed from the individual standard and added to the Glossary.*

**There are no new or revised definitions proposed in this standard revision.**

## Introduction

1. **Title:** ~~Response to Transmission Limit Violations~~
2. **Number:** ~~TOP-008-1~~
3. **Purpose:** ~~To ensure Transmission Operators take actions to mitigate SOL and IROL violations.~~
4. **Applicability**
  - 4.1. ~~Transmission Operators.~~
5. **Effective Date:** ~~January 1, 2007~~ All requirements will be retired on the first day of the first calendar quarter twenty-four months following applicable regulatory approval. In those jurisdictions where no regulatory approval is required, all requirements are retired twenty-four months following Board of Trustees adoption.

## A. Requirements

- R1. ~~The Transmission Operator experiencing or contributing to an IROL or SOL violation shall take immediate steps to relieve the condition, which may include shedding firm load.~~
- R2. ~~Each Transmission Operator shall operate to prevent the likelihood that a disturbance, action, or inaction will result in an IROL or SOL violation in its area or another area of the Interconnection. In instances where there is a difference in derived operating limits, the Transmission Operator shall always operate the Bulk Electric System to the most limiting parameter.~~
- R3. ~~The Transmission Operator shall disconnect the affected facility if the overload on a transmission facility or abnormal voltage or reactive condition persists and equipment is endangered. In doing so, the Transmission Operator shall notify its Reliability Coordinator and all neighboring Transmission Operators impacted by the disconnection prior to switching, if time permits, otherwise, immediately thereafter.~~
- R4. ~~The Transmission Operator shall have sufficient information and analysis tools to determine the cause(s) of SOL violations. This analysis shall be conducted in all operating timeframes. The Transmission Operator shall use the results of these analyses to immediately mitigate the SOL violation.~~

## B. Measures

- M1. ~~The Transmission Operator involved in an SOL or IROL violation shall have and provide upon request evidence that could include, but is not limited to, operator logs, voice recordings, electronic communications, alarm program printouts, or other equivalent evidence that will be used to determine if it took immediate steps to relieve the condition. (Requirement 1)~~
- M2. ~~The Transmission Operator that disconnects an overloaded facility shall have and provide upon request evidence that could include, but is not limited to, operator logs, voice recordings, electronic communications, alarm program print outs, or other equivalent evidence that will be used to determine if it disconnected an overloaded facility in accordance with Requirement 3 Part 1~~

- ~~M3. The Transmission Operator that disconnects an overloaded facility 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, or other equivalent evidence that will be used to determine if it notified its Reliability Coordinator and all neighboring Transmission Operators impacted by the disconnection prior to switching, if time permitted, otherwise, immediately thereafter. (Requirement 3 Part 2)~~
- ~~M4. The Transmission Operator shall have and provide upon request evidence that could include, but is not limited to, computer facilities documents, computer printouts, training documents, copies of analysis program results, operator logs or other equivalent evidence that will be used to confirm that it has sufficient information and analysis tools to determine the cause(s) of SOL violations. (Requirement 4 Part 1)~~
- ~~M5. The Transmission Operator that violates an SOL 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, or other equivalent evidence that will be used to confirm that it used the results of these analyses to immediately mitigate the SOL violation. (Requirement 4 Part 3)~~

## C. 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 12 months from the last finding of non-compliance.~~

#### 1.3. Data Retention

~~Each Transmission Operator shall keep 90 days of historical data (evidence) for Measure 1, 2 and 3.~~

~~Each Transmission Operator shall have current documents as evidence of compliance to Measures 4 and 5.~~

~~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 data~~

**1.4. Additional Compliance Information**

~~None.~~

**2. Levels of Non-Compliance for Transmission Operator**

~~2.1. Level 1: Not applicable.~~

~~2.2. Level 2: Disconnected an overloaded facility as specified in R3 but did not notify its Reliability Coordinator and all neighboring Transmission Operators impacted by the disconnection prior to switching, or immediately thereafter.~~

~~2.3. Level 3: Not applicable.~~

~~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 take immediate steps to relieve an IROL or SOL violation in accordance with R1.~~

~~2.4.2 Did not disconnect an overloaded facility as specified in R3.~~

~~2.4.3 Does not have sufficient information and analysis tools to determine the cause(s) of SOL violations. (R4 Part 1)~~

~~2.4.1 Did not use the results of analyses to immediately mitigate an SOL violation. (R4 Part 3)~~

**D. 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
<u>1</u>	<u>TBD</u>	<u>Retire</u>	<u>Changes pursuant to</u>

**Standard TOP-008-1 — Response to Transmission Limit Violations**

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			<a href="#">Project 2007-03</a>
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