

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. Transmission Operator Certification SAR Requested — 10/7/02
2. Transmission Operator Certification SAR Authorized to Post — 11/20/02
3. SAR Drafting Team appointed — 1/6/03
4. Transmission Operator Certification SAR 1st Posting — 12/1/02 to 1/10/03
5. Transmission Operator Certification SAR 2nd Posting — 5/15/03 to 6/13/03
6. Transmission Operator Certification SAR approved by SAC to move to standard development phase — 9/8/03
7. Standard Drafting Team appointed — 9/24/03

Description of Current Draft:

This is the first posting of the Transmission Operator Certification Standards. These standards have been drafted based on the SARs and comments received during the first posting of the Balancing Authority Standard. The Drafting Team has modified the Certification Standard of this series to remove the process that was previously included. This removal was based on comments received. These standards are being presented in the new NERC standard format.

Future Development Plan:

Anticipated Actions	Anticipated Date
1. The SDT respond to comments received during initial posting and incorporate modifications based on the comments.	March 2005
2. The SDT anticipates the necessity to post this standard for a second time after receiving the comments from this initial posting.	April 2005
3. Ballot Standard	July 2005
4. BOT Adoption	October 2005

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.

A. Introduction

1. **Title:** Transmission Operator Certification — System Analysis
2. **Number:** TOP-013-1
3. **Purpose:** To ensure that the Transmission Operator has the ability to perform system analyses, develop contingency plans, coordinate actions, and operate its transmission area within established limits.
4. **Applicability**
 - 4.1. Transmission Operators
5. **(Proposed) Effective Date:** To be determined.

B. Requirements

- R1. The Transmission Operator shall perform real-time reliability analysis and alert operating personnel to limit violations.
- R2. The Transmission Operator shall perform contingency analyses, develop contingency plans and coordinate these plans with its Reliability Authority.
- R3. The Transmission Operator shall determine the required reactive resources and arrange for interconnected operations services to ensure voltage support.
- R4. The Transmission Operator shall develop operating limits including thermal, voltage, and stability limits for real-time operations within its transmission area.
- R5. The Transmission Operator shall communicate real-time actions to its Reliability Authority.

C. Measures

- M1. The Transmission Operator shall demonstrate its processes, procedures, and tools to meet Requirements R1 through R5.

D. Compliance

1. **Compliance Monitoring Process**
 - 1.1. **Compliance Monitoring Responsibility**
 - 1.1.1 The Transmission Operator shall demonstrate adherence to Requirements R1 through R5.
2. **Compliance Monitoring Period and Reset Timeframe**
 - 2.1. None
3. **Data Retention**
 - 3.1. None
4. **Additional Compliance Information**
 - 4.1. None

5. Levels of Non-Compliance

5.1. Level 1: None

5.2. Level 2: None

5.3. Level 3: None

5.4. Level 4: None

E. Regional Differences

1. None

Version History

Version	Date	Action	Change Tracking