



AESO Reliability Standards Monthly Report

September 2009

TPL-001-1 - Transmission System Planning Performance Requirements

Purpose:

Draft 4, posted for comment.

Current Standards:

There are currently 6 Version 0 TPL standards dealing with transmission system planning performance requirements: TPL-001-0 through TPL-006-0.

Proposed Standard:

TPL-001-1 is designed to be a single, comprehensive, and coordinated standard that merges the requirements of four existing standards: TPL-001-0, TPL-002-0, TPL-003-0, and TPL-004-0. The proposed standard includes several new definitions. The purpose of the proposed standard is to establish transmission system planning performance requirements within the planning horizon to develop a bulk electric system that will operate reliably over a broad spectrum of system conditions and following a wide range of probable contingencies. The project includes updating and consolidating the following standards:

- TPL-001-0 — System Performance under Normal Conditions
- TPL-002-0 — System Performance Following Loss of a Single BES Element
- TPL-003-0 — System Performance Following Loss of Two or More BES Elements
- TPL-004-0 — System Performance Following Extreme BES Events
- TPL-005-0 — Regional and Interregional Self-Assessment Reliability Reports
- TPL-006-0 — Data from the Regional Reliability Organization Needed to Assess Reliability

This part of the project addresses TPL-001-0 through TPL-004-0. TPL-005 and TPL-006 will be addressed later in the project.

Applicability:

Transmission Planner, Planning Coordinator

Current Status:

Posted for comment until October 16, 2009.

NERC Link:

[Assess Transmission and Future Needs](#)