1. Purpose

The purpose of this **reliability standard** is to establish and communicate **system operating limits** to be used in the reliable planning and operation of the **bulk electric system**.

2. Applicability

This **reliability standard** applies to:

(a) the **ISO**.

3. Requirements

R1 The **ISO** must ensure that **system operating limits**, including **interconnection reliability operating limits**, for its area are established and that the **system operating limits** (including **interconnection reliability operating limits**) are consistent with its **system operating limit** methodology.

R2 Intentionally left blank.

R3 Intentionally left blank.

R4 Intentionally left blank.

R5 The **ISO** must provide its **system operating limits** and **interconnection reliability operating limits** in the operating horizon to:

(a) each adjacent **reliability coordinator**;

(b) each **operator** of a **transmission facility** within its area that has a **reliability**-related need for those limits; and

(c) each entity that has a **reliability**-related need for those limits and provides a written request for delivery of those limits.

    R5.1 For each **interconnection reliability operating limit**, the **ISO** must provide the following supporting information:

        R5.1.1 identification and status of the associated **system element** (or group of **system elements**) that is (are) critical to the derivation of the **interconnection reliability operating limit**;

        R5.1.2 the value of the **interconnection reliability operating limit** and its associated Tv;

        R5.1.3 the associated **contingency**(ies); and

        R5.1.4 the type of limitation represented by the **interconnection reliability operating limit** (e.g., voltage collapse, angular stability).

    R5.2 Intentionally left blank.

    R5.3 The **ISO** must provide its **system operating limits** (including the subset of **system operating limits** that are **interconnection reliability operating limits**) in the planning horizon to adjacent **planning authorities.**

    R5.4 Intentionally left blank.

R6 The **ISO** must identify and develop a list of the subset of multiple **contingencies** from **reliability standard** TPL-003-AB, which result in stability limits as determined if any that exist in its planning horizon.[1]

    R6.1 Intentionally left blank.

    R6.2 Intentionally left blank.

4 Measures

The following measures correspond to the requirements identified in Section 3 of this **reliability standard**. For example, MR1 is the measure for R1.

MR1 Evidence that the **ISO**'s **system operating limits**, including **interconnection reliability operating limits**, for its area are established and consistent with its **system operating limit** methodology. Evidence may include, but is not limited to, dated reports, voice recordings, business practices or other equivalent evidence.

MR2 Intentionally left blank.

MR3 Intentionally left blank.

MR4 Intentionally left blank.

MR5 Evidence to confirm the **ISO** provided its **system operating limits** and **interconnection reliability operating limits** and supporting information as required in requirement R5 exists. Evidence may include, but is not limited to, records of email communication to appropriate recipients that identify contents submitted, or other equivalent evidence.

MR6 Evidence that the **ISO** identified and listed the subset of multiple **contingencies** as required in requirement R6 exists. Evidence may include, but is not limited to, dated reports, letters, or other documentation containing the list of multiple **contingencies**.

    MR6.1 Intentionally left blank.

    MR6.2 Intentionally left blank.

5. Appendices

No appendices have been defined for this **reliability standard**.

Revision History

Date	Description
2016-08-30	Inclusion of the defined term **system element**.
2015-09-01	Revised for ISO assumption of RC functionality for the Alberta footprint
2012-10-01	Initial Release

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[1] Requirement R6 is referenced in requirement R3.3 of FAC-011-AB