

Alberta Reliability Standard

Reliability Coordination – Wide-Area View

IRO-003-AB-2

1. Purpose

The **ISO** must have a **wide-area** view of its area and neighbouring **reliability coordinator areas**.

2. Applicability

This **reliability standard** applies to:

(a) the **ISO**.

3. Requirements

R1 The **ISO** must monitor all **bulk electric system** facilities, which may include sub-transmission information, within its area and adjacent **reliability coordinator areas**, as necessary to ensure that, at any time, regardless of prior planned or unplanned events, the **ISO** is able to determine any potential **system operating limit** and **interconnection reliability operating limit** violations within its area.

R2 The **ISO** must know the current status of all critical facilities whose failure, degradation or disconnection could result in an **system operating limit** or **interconnection reliability operating limit** violation. The **ISO** must also know the status of any facilities that may be required to assist area restoration objectives.

4. Measures

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

MR1 Evidence may include, but is not limited to, energy management system description documents, computer printouts, SCADA data collection, or other equivalent evidence that will be used to confirm that the **ISO** monitors all **bulk electric system** facilities within its area and adjacent **reliability coordinator areas** as necessary to ensure that, regardless of prior planned or unplanned events, it is able to determine any potential **system operating limit** and **interconnection reliability operating limit** violations within its area.

MR2 Evidence may include, but is not limited to, SCADA displays or other equivalent evidence that demonstrates knowledge of the current status of all critical facilities whose failure, degradation or disconnection could result in an **system operating limit** or **interconnection reliability operating limit** violation. Evidence of knowledge of the status of any facilities that may be required to assist area restoration objectives.

Revision History

Effective Date	Description
2015-04-01	Initial release.