

# Alberta Reliability Standard

## Reliability Coordinator Operational Analysis and Real-time Assessments

### IRO-008-AB-1



#### 1. Purpose

To prevent instability, uncontrolled separation, or **cascading** that adversely impact the reliability of the **Interconnection** by ensuring that the **bulk electric system** is assessed during the operations horizon.

#### 2. Applicability

This **reliability standard** applies to:

(a) the **ISO**.

#### 3. Requirements

**R1** The **ISO** must perform an **operational planning analysis** to assess whether the planned operations for the next **day** within its **wide-area** will exceed any of its **interconnection reliability operating limits** during anticipated normal and **contingency** event conditions.

**R2** The **ISO** must perform a **real-time assessment** at least once every 30 minutes to determine if its **wide-area** is exceeding any **interconnection reliability operating limits** or is expected to exceed any **interconnection reliability operating limits**.

**R3** When the **ISO** determines that the results of an **operational planning analysis** or **real-time assessment** indicate the need for specific operational actions to prevent or mitigate an instance of exceeding an **interconnected reliability operating limit**, the **ISO** must share its results with those entities outside Alberta that are expected to take those actions.

#### 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** The **ISO** may have the results of its **operational planning analysis** in accordance with requirement R1.

**MR2** The **ISO** may have evidence to show it conducted a **real-time assessment** at least once every 30 minutes, in accordance with requirement R2. This evidence may include, but is not limited to, a dated computer log showing times the assessment was conducted, dated checklists, or other equivalent evidence.

**MR3** The **ISO** may have evidence to confirm that it shared the results of its **operational planning analysis** or **real-time assessments** with those entities outside Alberta expected to take actions based on that information in accordance with requirement R3. This evidence could include, but is not limited to, dated operator logs, dated voice recordings, dated transcripts of voice records, dated facsimiles, or other equivalent evidence.

#### Revision History

Effective Date	Description
2015-04-01	Initial release.