

Alberta Reliability Standard Reliability Coordinator Operational Analyses and Real-time Assessments IRO-008-AB-2



1. Purpose

The purpose of this **reliability standard** is to perform analyses and assessments to prevent instability, uncontrolled separation, and **cascading**.

2. Applicability

This **reliability standard** applies to:

- (a) the **ISO**.

3. Requirements

- R1** The **ISO** must perform an operational planning analysis that will allow it to assess whether the planned operations for the next day will exceed **system operating limits** and **interconnection reliability operating limits** within its **wide-area**.
- R2** The **ISO** must have an operating plan for next-day operations to address potential **system operating limit** and **interconnection reliability operating limit** exceedances identified as a result of its operational planning analysis as performed in requirement R1.
- R3** Intentionally left blank.
- R4** The **ISO** must perform a real time assessment at least once every 30 minutes.
- R5** Intentionally left blank.
- R6** 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 requirement R1.

- MR1** Evidence of performing an operational planning analysis as required in requirement R1 exists. Evidence may include a completed operational planning analysis, dated power flow study results, or other equivalent evidence.
- MR2** Evidence of having an operating plan as required in requirement R2 exists. Evidence may include plans for precluding operating in excess of each **system operating limit** and **interconnected reliability operating limit** that were identified as a result of the operational planning analysis, or other equivalent evidence.
- MR3** Intentionally left blank.
- MR4** Evidence of performing a real time assessment at least once every 30 minutes as required in requirement R4 exists. Evidence may include dated computer logs showing times of assessment as conducted, dated checklists, or other equivalent evidence.
- MR5** Intentionally left blank.
- MR6** Intentionally left blank.

Revision History

Date	Description
2019-12-01	Initial release.