

# Alberta Reliability Standard

## Reliability Coordinator Data Specification and Collection

### IRO-010-AB-1a



#### 1. Purpose

To prevent instability, uncontrolled separation, or **cascading** that adversely impacts the reliability of the **Interconnection** by ensuring the **ISO** has the data it needs to monitor and assess the operation of its area.

#### 2. Applicability

This **reliability standard** applies to:

(a) the **ISO**.

#### 3. Requirements

**R1** The **ISO** must have a documented specification(s) for data and information to build and maintain models to support **real-time** monitoring, **operational planning analyses**, and **real-time assessments** of its area to prevent instability, uncontrolled separation, and **cascading**. The specification must include the following:

**R1.1** list of required data and information needed by the **ISO** to support **real-time** monitoring, **operational planning analyses**, and **real-time assessments**;

**R1.2** mutually agreeable format;

**R1.3** timeframe and periodicity for providing data and information (based on its hardware and software requirements, and the time needed to do its **operational planning analyses**); and

**R1.4** process for data provision when automated **real-time** system operating data is unavailable.

**R2** Intentionally left blank.

**R3** The **ISO** must provide data and information, as specified upon, to each **reliability coordinator** with which it has a reliability relationship.

#### 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 evidence that could include, but is not limited to, a documented specification(s) for data and information that contains all specifications identified in requirement R1.

**MR2** Intentionally left blank.

**MR3** The **ISO** may have evidence to confirm that it provided data and information, as specified and mutually agreed upon in requirement R3. This evidence could include, but is not limited to, dated operator logs, dated voice recordings, dated computer printouts, dated SCADA data, or other equivalent evidence.

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## Revision History

| Effective Date | Description      |
|----------------|------------------|
| 2015-04-01     | Initial release. |