

1. Purpose

The purpose of this **reliability standard** is to ensure that the **ISO's** operations are coordinated such that they will not adversely impact other **reliability coordinator areas** and to preserve the **reliability** benefits of interconnected operations.

2. Applicability

This **reliability standard** applies to:

- (a) the **ISO**.

3. Requirements

- R1** The **ISO** must have and implement operating procedures, operating processes, or operating plans, for activities that require notification or coordination of actions that may impact adjacent **reliability coordinator areas**, to support the **reliability** of the **Interconnection**. These operating procedures, operating processes, or operating plans must include the following:
- R1.1** criteria and processes for notifications;
 - R1.2** energy and capacity shortages;
 - R1.3** control of voltage, including the coordination of reactive resources;
 - R1.4** exchange of information including planned and unplanned outage information to support its operational planning analysis and real time assessments; and
 - R1.5** provisions for periodic communications to support reliable operations.
- R2** The **ISO** must maintain its operating procedures, operating processes, and operating plans identified in requirement R1 as follows:
- R2.1** review and update annually with no more than 15 **months** between reviews;
 - R2.2** obtain written agreement from all of the **reliability coordinators** required to take the indicated actions for each update; and
 - R2.3** distribute to all **reliability coordinators** that are required to take the indicated actions within 30 **days** of an update.
- R3** The **ISO**, upon identification of an expected or actual emergency in Alberta, must notify other impacted **reliability coordinators**.
- R4** The **ISO** must operate as though the emergency exists during each instance where the **ISO** and another **reliability coordinator** disagree on the existence of an emergency.
- R5** The **ISO** must, when it identifies an emergency in Alberta, develop an action plan to resolve the emergency during those instances where another impacted **reliability coordinator** disagrees on the existence of an emergency.
- R6** The **ISO** must, when impacted, implement the action plan developed by another **reliability coordinator** that identifies an emergency during those instances where the **ISO** and the other **reliability coordinator** disagree on the existence of an emergency, unless such actions would violate safety, equipment, regulatory, or statutory requirements.
- R7** The **ISO** must, when requested and able, assist another **reliability coordinator** if the requesting **reliability coordinator** has implemented its emergency procedures, unless such actions cannot be physically implemented or would violate safety, equipment, regulatory, or statutory requirements.



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 having and implementing operating procedures, operating processes, or operating plans as required in requirement R1 exists. Evidence may include dated, current in effect documentation with the specified elements, notes from periodic communications, or other equivalent evidence.
- MR2** Evidence of maintaining its operating procedures, operating processes, and operating plans as required in requirement R2 exists. Evidence may include dated documentation with confirmation of receipt, dated notice of acceptance or agreement to take specified actions, dated electronic communications with confirmation of receipt and acceptance or agreement to take specified actions, or other equivalent evidence.
- MR3** Evidence of notifying impacted **reliability coordinators** as required in requirement R3 exists. Evidence may include voice recordings or transcripts of voice recordings, electronic communications, or other equivalent evidence.
- MR4** Evidence of operating as though an emergency existed as required in requirement R4 exists. Evidence may include dated operator logs, voice recordings or transcripts of voice recordings, electronic communication, or other equivalent evidence.
- MR5** Evidence of developing an action plan to resolve the emergency as required in requirement R5 exists. Evidence may include dated operator logs, voice recordings or transcripts of voice recordings, electronic communications, or other equivalent evidence.
- MR6** Evidence of implementing the action plan as required in requirement R6 exists. Evidence may include dated operator logs, voice recordings or transcripts of voice recordings, electronic communications, or dated documentation, or other equivalent evidence.
- MR7** Evidence of assisting **reliability coordinators** as required in requirement R7 exists. Evidence may include dated operator logs, voice recordings or transcripts of voice recordings, electronic communications, or other equivalent evidence.

Revision History

| Date | Description |
|------------|------------------|
| 2019-12-01 | Initial release. |