

Alberta Reliability Standard Event Reporting EOP-004-AB-2



1. Purpose

The purpose of this **reliability standard** is to improve the reliability of the **bulk electric system** by requiring the reporting of events by the **ISO**.

2. Applicability

This **reliability standard** applies to:

- (a) the **ISO**.

3. Requirements

- R1** The **ISO** must have an event reporting operating plan to report the events identified in Appendix 1 to the **NERC** and other organizations, as appropriate.
- R2** The **ISO** must, upon recognition of a reportable event identified in Appendix 1, report the event in accordance with its event reporting operating plan as soon as practicable, but no more than five (5) **business days** following such recognition.
- R3** The **ISO** must validate all contact information contained in its event reporting operating plan each calendar year.

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 having an event reporting operating plan as required in requirement R1 exists. Evidence may include, but is not limited to, an event reporting operating plan for the events identified in Appendix 1.
- MR2** Evidence of reporting events as required in requirement R2 exists. Evidence may include, but is not limited to, a copy of the completed report, operator logs, voice recordings, electronic communications, or other equivalent evidence.
- MR3** Evidence of validating all contact information contained in the event reporting operating plan as required in requirement R3 exists. Evidence may include, but is not limited to, dated records showing contact information, electronic communications or other equivalent evidence.

5. Appendices

Appendix 1 – *Reportable Events*

Revision History

Date	Description
2016-08-30	Initial release.

Appendix 1

Reportable Events

The following are the reportable events to be contained in the **ISO's** event reporting operating plan, as described in requirement R1:

1. a physical threat to a **control centre** of the **ISO**, excluding a weather or natural disaster related threat, which has the potential to degrade the normal operation of a **control centre** of the **ISO**;
2. a suspicious device or activity at a **control centre** of the **ISO**;
3. a situation on the **bulk electric system** requiring a public appeal for load reduction;
4. a situation on the **bulk electric system** requiring a system-wide voltage reduction greater than or equal to 3%;
5. a situation on the **bulk electric system** requiring manual firm load shedding greater than or equal to 100 MW;
6. exceeding an **interconnection reliability operating limit** within the **interconnected electric system** for an amount of time that is greater than **interconnection reliability operating limit T_v** , or exceeding a **system operating limit** for a major transmission path identified in the table "Major WECC Transfer Paths in the Bulk Electric System", as provided by the **WECC**, for more than thirty (30) minutes;
7. a loss of firm load greater than or equal to 300 MW for fifteen (15) minutes or more;
8. an unintended **transmission system** separation within the **interconnected electric system** that results in an island of greater than or equal to 100 MW, excluding an island created by the loss of:
 - a) a **transmission system** radial connection;
 - b) non-**transmission system** facilities (distribution level); or
 - c) the **interconnection**;
9. total generation loss, within one (1) minute, of greater than or equal to 2000 MW;
10. an unplanned evacuation of the **control centre** of the **ISO** for thirty (30) continuous minutes or more;
11. a complete loss, for thirty (30) continuous minutes or more, of voice communication systems for the **control centre** of the **ISO**; or
12. a complete loss of monitoring capability affecting the **control centre** of the **ISO** for thirty (30) continuous minutes or more that renders analysis capability, such as state estimator or contingency analysis, inoperable.