

1. Purpose

The purpose of this **reliability standard** is to ensure that personnel are trained on specific topics essential to reliability to perform or support real time operations of the **interconnected electric system**.

2. Applicability

This **reliability standard** applies to:

- (a) the **operator** of a **generating unit** that ~~has a maximum authorized real power greater than or equal to 5 MW and where the generating unit is:~~
 - (i) ~~connected to a switchyard at which system access service is provided to; is part of the **bulk electric system**;~~
 - ~~(A) the **generating unit**; or~~
 - ~~(B) an industrial complex of which the **generating unit** is a part;~~
 - or
 - (ii) ~~directly connected to **transmission facilities** within the City of Medicine Hat, the **ISO**:~~
 - ~~(A) determines is necessary for the reliable operation of either the **interconnected electric system** or the City of Medicine Hat electric system; and~~
 - ~~(B) publishes on the AESO website and may amend from time to time on notice to **market participants** in accordance with the process set out in Appendix 1;~~

~~including all **system elements** from the terminal of the **generating unit** to the **transmission facilities**; and~~
- (b) the **operator** of an **aggregated generating facility** that ~~has a maximum authorized real power greater than or equal to 5 MW and where the generating unit is:~~
 - (i) ~~connected to a switchyard at which system access service is provided to; is part of the **bulk electric system**;~~
 - ~~(A) the **aggregated generating facility**; or~~
 - ~~(B) an industrial complex of which the **aggregated generating facility** is a part;~~
 - or
 - (ii) ~~directly connected to **transmission facilities** within the City of Medicine Hat, the **ISO**:~~
 - ~~(A) determines is necessary for the reliable operation of either the **interconnected electric system** or the City of Medicine Hat electric system; and~~
 - ~~(B) publishes on the AESO website and may amend from time to time on notice to **market participants** in accordance with the process set out in Appendix 1.~~

~~including all **system elements** from the collector bus to the **transmission facilities**, and excluding the **generating units** and the collector system feeders;~~

that has personnel who are responsible for the real time control of a **generating unit** or **aggregated generating facility** and directly or indirectly receives operating instructions from the **ISO** or **operator** of a **transmission facility**.

3. Requirements

R1 Each **operator** of a **generating unit** or **operator** of an **aggregated generating facility** must provide training to personnel identified in the Applicability section on the operational functionality of **protection systems** and **remedial action schemes** that affect the output of a **generating unit** or an **aggregated generating facility** it operates.

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 providing training to the personnel responsible for the real time control of a **generating unit** or an **aggregated generating facility** as required in requirement R1 exists. Evidence may include documents such as training records showing successful completion of training that includes training materials, the name of the person, and date of training, or other equivalent evidence.

5. Appendices

[Appendix 1 – Amending Process for List of Generating Units and Aggregated Generating Facilities](#)

Revision History

Date	Description
xxxx-xx-xx	Initial release.

Appendix 1

Amending Process for List of Generating Units and Aggregated Generating Facilities

In order to amend a list referenced in subsections (a)(ii) and (b)(ii) of section 2, Applicability, the ISO must:

- (a) upon determining that a **generating unit** or **aggregated generating facility** is to be added, notify the **operator** in writing and determine an effective date, which must be no less than 4 full calendar quarters after the date of notice;
- (b) upon determining that a **generating unit** or **aggregated generating facility** is to be deleted, notify the **operator** in writing and determine an effective date on which the operator will no longer be required to meet the applicable requirements; and
- (c) publish the amended list with effective dates on the AESO website.