

Alberta Reliability Standard Implementation of Interchange INT-009-AB-2.1



1. Purpose

The purpose of this **reliability standard** is to ensure that **balancing authorities** implement the **interchange** as agreed upon in the **interchange** confirmation process.

2. Applicability

This **reliability standard** applies to:

- (a) the **ISO**.

3. Requirements

R1 The **ISO** must agree with each of its **adjacent balancing authorities** that its composite **confirmed interchange** with that **adjacent balancing authority**, at mutually agreed upon time intervals, excluding **dynamic schedules** and pseudo-ties and including any **interchange** per INT-010-AB not yet captured in the **composite confirmed interchange**, is:

R1.1 identical in magnitude to that of the **adjacent balancing authority**; and

R1.2 opposite in sign or direction to that of the **adjacent balancing authority**.

R2 The **ISO** when it is either the attaining **balancing authority** or the native **balancing authority** must use a dynamic value emanating from a common source that is agreed upon with the other **balancing authority** to account for the pseudo-tie in the **net actual interchange** term of its control area control error or alternate control process.

R3 The **ISO** must, if it is the **balancing authority** in whose area the high-voltage direct current **intertie** is controlled, coordinate the **confirmed interchange** prior to its implementation with the **operator** of the high-voltage direct current **intertie**.

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 agreeing on composite **confirmed interchange** with **adjacent balancing authorities** as required in requirement R1 exists. Evidence may include, but is not limited to dated logs, voice recordings, electronic records or other equivalent evidence.

MR2 Evidence of using a dynamic value emanating from an agreed upon common source as required in requirement R2 exists. Evidence may include, but is not limited to dated logs, voice recordings, electronic records, written agreement or other equivalent evidence.

MR3 Evidence of coordinating the **confirmed interchange** prior to its implementation with the **operator** of the high-voltage direct current **intertie** as required in requirement R3 exists. Evidence may include, but is not limited to dated logs, electronic records or other equivalent evidence.

Revision History

Date	Description
2018-10-01	Initial release.