

INT-006-AB-2 Response to Interchange Authority

1. Purpose

The purpose of this *reliability standard* is to require that each arranged *interchange* is checked for *reliability* before it is implemented in an *interchange schedule*.

2. Applicability

This *reliability standard* applies to:

- *ISO*

3. Definitions

Italicized terms used in this *reliability standard* have the same meanings as set out in the [Alberta Reliability Standards Glossary of Terms](#) and Part 1 of the [ISO Rules](#).

4. Requirements

R1 The *ISO* must respond to a request from an *interchange authority* to transition an *arranged interchange* to a *confirmed interchange* prior to the expiration of the reliability assessment period identified in the Appendix 1, Column B, of this reliability standard.

R1.1 Prior to incorporating the *arranged interchange* in the *interchange schedule*, the *ISO* must evaluate the *arranged interchange* with respect to:

R1.1.1 Energy profile (ability to support the magnitude of the *interchange*).

R1.1.2 Ramp (ability of generation maneuverability to accommodate).

R1.1.3 *Scheduling path* (proper connectivity of *adjacent balancing authorities*).

R1.2 The *ISO* must confirm that the *transmission service* arrangements associated with the *arranged interchange* have adjacent *transmission service* provider connectivity, are valid and prevailing *transmission system* limits will not be violated, prior to incorporating the *arranged interchange* in the *interchange schedule*.

5. Processes and Procedures

No procedures have been defined for this *reliability standard*.

6. Measures

The following measures correspond to the requirements identified in Section 4 of this *reliability standard*. For example, MR1 is the measure for R1.

MR1 Evidence exists and confirms that requests are processed in the timeframe specified in requirement R1.

- MR1.1** Requirements R.1.1.1, R1.1.2, and R1.1.3 are all met.
 - MR1.1.1** Evidence exists and confirms that magnitude checks are evaluated and acceptable.
 - MR1.1.2** Evidence exists and confirms that magnitude checks are evaluated and acceptable
 - MR1.1.3** Evidence exists and confirms that connectivity checks are evaluated and acceptable.
- MR1.2** Failed or invalid tags are not included in the *interchange schedule*.

7. Appendices

Appendix 1 – Timing Table

Timing Table
Interchange Timeline with Minimum Reliability-Related Response Times

	A	B	C	D	
If Actual Arranged Interchange (RFI) is Submitted	IA Makes Initial Distribution of Arranged Interchange	BA and TSP Conduct Reliability Assessments IA Verifies Reliability Data Complete	IA Compiles and Distributes Status	BA Prepares Confirmed Interchange for Implementation	Minimum Total Reliability Period (Columns A through D)
≤1 hour prior to ramp start	≤ 1 minute from RFI submission	≤ 10 minutes from Arranged Interchange receipt from IA for all Interconnections except WECC	≤ 1 minute from receipt of all Reliability Assessments	≥ 3 minutes prior to ramp start	15 minutes
≤20 minutes prior to ramp start	≤ 1 minute from RFI submission	≤ 5 minutes from Arranged Interchange receipt from IA for WECC	≤ 1 minute from receipt of all Reliability Assessments	≥ 3 minutes prior to ramp start	10 minutes
>20 minutes to ≤1 hour prior to ramp start	≤ 1 minute from RFI submission	≤ 10 minutes from Arranged Interchange receipt from IA for WECC	≤ 1 minute from receipt of all Reliability Assessments	≥ 3 minutes prior to ramp start	15 minutes
>1 hour to < 4 hours prior to ramp start	≤ 1 minute from RFI submission	≤ 20 minutes from Arranged Interchange receipt from IA	≤ 1 minute from receipt of all Reliability Assessments	≥ 39 minutes prior to ramp start	1 hour plus 1 minute
≥ 4 hours prior to ramp start	≤ 1 minute from RFI submission	≤ 2 hours from Arranged Interchange receipt from IA	≤ 1 minute from receipt of all Reliability Assessments	≥ 1 hour 58 minutes prior to ramp start	4 hours

8. Guidelines

No guidelines have been defined for this *reliability standard*.

Revision History

Effective	Description
2009-10-03	New Issue