
BAL-006-AB-1 Inadvertent Interchange

1. Purpose

The purpose of this *reliability standard* is to define a process for monitoring the *Independent System Operator* (ISO) to ensure that, over the long term, the *AIES* does not excessively depend on other *balancing authority areas* in the *WECC* for meeting its demand or *interchange* obligations.

2. Applicability

This *reliability standard* applies to:

- *Independent System Operator* (ISO)

3. Definitions

Italicized terms used in this *reliability standard* have the 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 calculate and record hourly *inadvertent interchange*.
- R2** The ISO must include all *AC tie lines* that connect to the *AIES's* adjacent *balancing authority areas* in the *AIES's* *inadvertent interchange* account.
- R3** The ISO must ensure all of the *AIES's* interconnection points are equipped with common megawatt hour meters, with readings provided hourly to the control centers of adjacent *balancing authorities*.
- R4** The ISO must operate to a common *net interchange schedule* and *net actual interchange* value with its adjacent *balancing authority areas*, and must record these hourly quantities, with like values but opposite sign with the adjacent *balancing authority areas*. The ISO must calculate its *inadvertent interchange* based on the following:
- R4.1** Subject to R5, the ISO must agree with its adjacent *balancing authorities* to:
- R4.1.1** The hourly values of *net interchange schedule*.
- R4.1.2** The hourly integrated megawatt hour values of *net actual interchange*.
- R4.2.** The ISO must use the agreed upon daily and monthly accounting data to compile its monthly accumulated *inadvertent interchange* for the *on-peak* and *off-peak* hours of the *month*.
- R4.3** The ISO must make after-the-fact corrections to the agreed upon daily and monthly accounting data only as needed to reflect actual operating conditions (e.g. a meter being used for control was sending bad data).

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Changes or corrections based on non-reliability considerations must not be reflected in the *AIES's inadvertent interchange*. After-the-fact corrections to scheduled or actual values will not be accepted without agreement of the *adjacent balancing authority(ies)*.

- R5** If the ISO cannot mutually agree with its *adjacent balancing authorities* on the respective *net actual interchange* or *net scheduled interchange* quantities by the 15th calendar *day* of the following *month*, the ISO must, for the purposes of dispute resolution, submit a report to the *WECC Survey Contact* with information describing the nature and the cause of the dispute as well as a process for correcting the discrepancy.

5. 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** *Inadvertent interchange* records are complete and accurate.
- MR2** Records include the applicable *AC tie lines*.
- MR3** Documents such as metering records or schematics identifying meters in place at these points, exist or are provided.
- MR4** *Net interchange schedule* exists, is complete for all hours and applicable *AC tie lines*, and corresponds with the adjacent area values.
- MR4.1.1** Evidence indicating agreement exists for all hourly values of the *net interchange schedule*.
- MR4.1.2** Evidence indicating that agreement exists for all hourly integrated megawatt hour values of net actual interchange.
- MR4.2** Evidence indicating that accounting data corresponds with data from *net interchange schedules* as well as *net actual interchanges*.
- MR5** Dispute documents follow the specified process and timing.

7. Appendices

8. Guidelines

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

Revision History

Effective	Description

**FOR INFORMATION PURPOSES ONLY:
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