

Alberta Reliability Standard

Facility Connection Requirements

FAC-001-AB-4

A. Introduction

1. Title: Facility Connection Requirements
2. Number: FAC-001-AB-4
3. Purpose: To avoid adverse impacts on the **reliability** of the **transmission system**, the **ISO** must document and make its transmission connection requirements available so that entities seeking to connect will have the necessary information.
4. Applicability:
 - 4.1. Functional Entities:
 - 4.1.1. the **ISO**.
5. Effective Date: The later of (i) July 1, 2029, and (ii) the first **day** of the first calendar quarter 12 months following **Commission** approval.

B. Requirements and Measures

- R1.** The **ISO** must document transmission connection requirements, update them as needed, and make them available upon request. The **ISO**'s transmission connection requirements must address connection requirements for: *[Alberta Risk Rating: Lower] [Time Horizon: Long-term Planning]*
- 1.1. generation facilities;
 - 1.2. transmission facilities; and
 - 1.3. end-user facilities.
- M1.** The **ISO** must have evidence (including dated, documented transmission connection requirements) that it met all requirements in Requirement R1.
- R2.** [Intentionally left blank.]
- M2.** [Intentionally left blank.]
- R3.** The **ISO** must address the following items in its transmission connection requirements: *[Alberta Risk Rating: Lower] [Time Horizon: Long-Term Planning]*
- 3.1. Procedures for coordinated studies for new connections or existing connections seeking to make a qualified change as described by the **ISO** and their impacts on affected system(s).
 - 3.2. Procedures for notifying those responsible for the **reliability** of affected system(s) of new connections or existing connections seeking to make a qualified change.
 - 3.3. Procedures for confirming with those responsible for the **reliability** of affected systems that new facilities or existing facilities seeking to make a qualified change are within a **balancing authority area**.
- M3.** The **ISO** must have evidence (including dated, documented transmission connection requirements

Alberta Reliability Standard

Facility Connection Requirements

FAC-001-AB-4

addressing the procedures) that it met all requirements in Requirement R3.

R4. [Intentionally left blank.]

4.1. [Intentionally left blank.]

4.2. [Intentionally left blank.]

4.3. [Intentionally left blank.]

M4. [Intentionally left blank.]

C. Compliance

[Intentionally left blank.]

D. Regional Variances

None.

E. Associated Documents

AESO Information Document, ID#2026-XXX, *Facility Connection Requirements*

Version History

Version	Effective Date	Description of Changes
AB-4	The later of (i) July 1, 2029, and (ii) the first day of the first calendar quarter 12 months following Commission approval.	Revised based on NERC FAC-001-4, approved by FERC Order RD22-5-000. The revisions update the requirement that the ISO must create its transmission connection requirements document. It removes the requirement for specific technical detail to be included. The revisions also add a requirement that the ISO must include procedures for coordinated studies and notifying entities in its transmission connection requirements. In addition, the long-term planning requirement that is covered in the TPL standards was removed.
AB-0	2010-09-24	Initial Release.