

# ISO Rules

## Part 500 Facilities

### Division 502 Technical Requirements

#### Section 502.15 Reporting Facility Modelling Data



#### Applicability

- 1 Section 502.15 applies to:
- (a) the **legal owner** of a **transmission facility**;
  - (b) the **legal owner** of an **aggregated generating facility** directly connected to the **transmission system**;
  - (c) the **legal owner** of a **generating unit** directly connected to the **transmission system**;
  - (d) the **legal owner** of an industrial complex directly connected to the **transmission system**;
  - (e) the **legal owner** of an **electric distribution system**; and
  - (f) the **ISO**.

#### Requirements

##### Submission of Data Related to a New Facility, or a Planned Modification to, or Re-rating of, an Existing Facility

**2(1)** The **ISO** must post a list of electrical and physical parameters for the modelling data and records that are to be submitted to the **ISO** in accordance with this section 502.15 to the AESO website, which may be amended from time to time in accordance with subsection 8.

**(2)** Subject to subsection 3, a **legal owner** must submit to the **ISO** the modelling data and records related to new equipment, machinery or other facility components or a planned modification to, or re-rating of, any existing equipment, machinery or other facility components set out in the list of electrical and physical parameters provided to the **legal owner** by the **ISO** in accordance with subsection 2(1).

**(3)** The modelling data and records described in subsection 2(2) must be submitted to the **ISO** in writing, in the forms provided by the **ISO**, no later than thirty (30) **days** prior to the proposed date of energization of new equipment, machinery or other facility components or the modification of existing equipment, machinery or other facility components, or thirty (30) **days** prior to the application of new ratings to existing equipment, machinery or other facility components, unless otherwise specified by the **ISO**.

**(4)** The **ISO** may notify the **legal owner**, in writing, of any deficiencies the **ISO** identifies regarding the modelling data and records submitted pursuant to subsection 2(3).

**(5)** A **legal owner** that receives a written notice under subsection 2(4) must respond to the **ISO**, in writing, and, where necessary, resubmit the modelling data and records provided under subsection 2(3) no later than thirty (30) **days** after receipt of the written notice, unless otherwise approved by the **ISO**.

##### Submission of Data Related to an Urgent and Unplanned Modification to, or Re-rating of, an Existing Facility

**3(1)** Where a **legal owner** specified in subsection 1 makes a modification to, or re-rating of, any existing equipment, machinery or other facility components set out in the list of electrical and physical parameters provided to the **legal owner** by the **ISO** in accordance with subsection 2(1) on an urgent and unplanned basis, including an unplanned transmission facility limit change described in Section 304.6 of the **ISO rules**, *Unplanned Transmission Facility Limit Changes*, and such modification or re-rating precludes the **legal owner** from complying with the submission timing requirements of subsection 2(3), then the **legal owner** must, within three (3) **business days** after making the modification or re-rating, or within a shorter period of time as deemed necessary by the **ISO** in its sole discretion, submit the following information to

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the **ISO** in writing:

- (a) a description of the modification or re-rating made to each piece of equipment, machinery or other facility component;
- (b) the reason for the modification or re-rating;
- (c) the period of time the modification or re-rating will be in effect; and
- (d) the modelling data and records related to the modification or re-rating.

**(2)** The **legal owner** must, if it does not have the specific modelling data and records available to meet the three (3) **business days** requirement in subsection 3(1)(d), notify the **ISO** in writing within three (3) **business days** after making the modification or re-rating, and submit these records to the **ISO**, in writing, as they become available.

**(3)** Notwithstanding subsection 3(1), the **legal owner** is not required to submit modelling data and records for a mobile transformer if:

- (a) the **legal owner** is setting up a mobile transformer to address an urgent or unplanned situation; and
- (b) the mobile transformer is energized for less than fifteen (15) **days**.

#### Reporting of Errors by the Legal Owner

**4(1)** If a **legal owner** identified in subsection 1 identifies an error in any modelling data and records maintained by the **ISO** of the type described in subsection 2(2), the **legal owner** must provide the **ISO** with written notice of the error and corrections to the modelling data and records no later than thirty (30) **days** after the date the **legal owner** identifies the error, unless otherwise approved by the **ISO**.

**(2)** The **ISO** must review a written notice submitted pursuant to subsection 4(1) and may notify the **legal owner** in writing of any additional information the **ISO** requires to correct the error.

**(3)** A **legal owner** must respond to a written notice received from the **ISO** under subsection 4(2) and submit to the **ISO**:

- (a) any additional requested information, or
- (b) a description of the reasons for which the **legal owner** cannot provide the additional requested information,

no later than thirty (30) **days** after receipt of the written notice, unless otherwise approved by the **ISO**.

#### Reporting of Suspected Errors by the ISO

**5(1)** If the **ISO** identifies a suspected error within any modelling data and records maintained by the **ISO** of the type described in subsection 2(2), the **ISO** may provide the applicable **legal owner** with written notice of the suspected error, which notice must include a description of the reasons for which the **ISO** suspects an error.

**(2)** The **legal owner** must review the written notice received pursuant to subsection 5(1) and provide a written response to the **ISO** no later than thirty (30) **days** after the receipt of the written notice, unless otherwise approved by the **ISO**, which either:

- (a) confirms the error and provides the necessary corrections to the modelling data and records;
- or

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(b) provides a sufficient explanation of the reasons for which the **ISO**'s determination of the suspected error was inaccurate or incorrect.

(3) If the **ISO** is not satisfied with a response provided by a **legal owner** pursuant to subsection 5(2) or 5(4), it may notify the **legal owner** in writing, which notice must specify the reasons for which the **ISO** is not satisfied with the response.

(4) A **legal owner** must, if it receives a notice from the **ISO** under subsection 5(3), submit an updated response no later than thirty (30) **days** after receipt of the notice, unless otherwise approved by the **ISO**.

#### Provision of Modelling Data and Records by a Legal Owner

6(1) The **ISO** may make a written request of a **legal owner** identified in subsection 1 for modelling data and records.

(2) Notwithstanding subsections 2(1) and (2), the **ISO** may make a request under subsection 6(1) for modelling data and records that are not included on the **ISO**'s list of electrical and physical parameters.

(3) A **legal owner** must respond to a request received from the **ISO** under subsection 6(1) and submit to the **ISO** in writing:

- (a) the requested modelling data and records, or
- (b) a description of the reasons for which the **legal owner** cannot provide the requested modelling data and records,

no later than thirty (30) **days** after receipt of the request, unless otherwise approved by the **ISO**.

#### Waiver of Requirements

7 The **ISO** may waive any requirements of subsections 2 and 3 of this section 502.15, by providing written notice to a **legal owner** identified in subsection 1, if the **ISO** determines that the modelling data and records the **legal owner** is required to provide are not necessary and their absence will not significantly impact the **ISO**'s **transmission system** model.

#### Revision to the List of Electrical and Physical Parameters

8 The **ISO** must, to amend the list of electrical and physical parameters posted to the AESO website in accordance with subsection 2(1):

- (a) notify and seek comments from the Transmission Data Committee, or its successor, regarding the amendments to the list of electrical and physical parameters;
- (b) notify **market participants** no less than thirty (30) **days** in advance of the amended list of electrical and physical parameters coming into effect; and
- (c) post the amended list of electrical and physical parameters to the AESO website on the effective date.

#### Revision History

Date	Description
2016-07-26	Initial release