

# ISO Rules

## Part 300 System Reliability and Operations

### Division 303 Interties

#### Section 303.1 Load Shed Service



#### External Consultation Draft

August 3, 2018

#### Applicability

- 1 Section 303.1 applies to:
  - (a) **an electricity market participant** that contracts with the **ISO** to provide **load shed service**;  
and
  - (b) the **ISO**.

#### Requirements

#### Providing Data

- 2 The **electricity market participant** must provide the **ISO** with any information related to the provision of **load shed service** that the **ISO** requires in order to properly administer the service and must do so in real time via systems the **ISO** designates.

#### Determining Amount to Arm

**3(1)** The **ISO** must use current **Alberta internal load** levels and the net import schedule of the combined British Columbia and Montana transfer paths to determine the amount of **load shed service** that the **ISO** must arm.

**(2)** When arming the required amount of service, the **ISO** must prioritize the arming of available **load shed service** so as to minimize expected cost.

**(3)** The **ISO** must set the **load shed service** arming level at the beginning of the scheduling hour but may modify it if the requirement changes during the scheduling hour ~~by more than fifteen (15) MW~~.

#### Restoring Service

**4** After the operation of **load shed service**, while maintaining the **reliability** of the **interconnected electric system**, the **ISO** must restore the following in the following order:

- (a) **contingency reserves**; then
- (b) **load shed service**.

#### Arming and Disarming Service

**5(1)** The **ISO** will issue **dispatches** to arm and disarm **load shed service**.

**(2)** The **electricity market participant** must arm and disarm services in accordance with any **dispatches** the **ISO** issues unless the **electricity market participant** identifies a circumstance that, in the **ISO's** opinion, amounts to an event of **force majeure** that would prevent the **electricity market participant** from complying with a **dispatch**.

#### Determining the Alberta Internal Load Range

**6** If the estimated **Alberta internal load** falls right on, or very close to, the boundary of one of the ranges the **ISO** identifies, the **ISO** will use the lower **Alberta internal load** range to determine the amount

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of **load shed service** to arm during the hour that the **Alberta internal load** is expected to be at, or near, the boundary.

#### Curtailing Import during the Scheduling Hour

7 If there is insufficient **load shed service** due to the unavailability of this service, the **ISO** must adjust the import transfer level to the level corresponding to the required amount.

#### Restoring Service

8 The **electricity market participant** must not restore **load shed service** that has been tripped until the earlier of ~~one (1)~~ hour after tripping or the **ISO** authorizing such restoration.

#### No Double-Counting

9 The **electricity market participant** must not use the MWs it uses to provide **load shed service** under this section of the **ISO rules** to also simultaneously provide **ancillary services** under any other section of the **ISO rules** or under any contract.

#### Revision History

<b>EffectiveDate</b>	<b>Description</b>
<u>20xx-xx-xx</u>	<u>Revised to clarify “market participant” as “electricity market participant”</u> <u>Revised subsection 3(3)</u>
2013-07-01	Amendments made to accommodate the energization of MATL
2011-04-01	Initial release