

ISO Rules

Part 300 System Reliability and Operations

Division 303 Interties

Section 303.1 Load Shed Service



Draft Version
Posted January 2019

Applicability

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

Requirements

Providing Data

- 2 The **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.

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 **market participant** must arm and disarm services in accordance with any **dispatches** the **ISO** issues unless the **market participant** identifies a circumstance that, in the **ISO**'s opinion, amounts to an event of **force majeure** that would prevent the **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 of **load shed service** to arm during the hour that the **Alberta internal load** is expected to be at, or near, the boundary.

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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 **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 **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

Date	Description
20xx-xx-xx	Revised subsection 3(3)
2013-07-01	Amendments made to accommodate the energization of MATL
2011-04-01	Initial release