

ISO Rules

Part 200 Markets

Division 205 Ancillary Services

Section 205.9 Fast Frequency Response Service



Applicability

- 1 Section 205.9 applies to:
 - (a) a **market participant** with a contract with the **ISO** to provide **fast frequency response service**; and
 - (b) the **ISO**.

Requirements

Providing Data

- 2(1) The **market participant** must provide the **ISO** with any information that the **ISO** requires to administer **fast frequency response service** and must do so in real time via systems the **ISO** designates.
- 2(2) The **ISO** must post its method for calculating **available transfer capability** and a range of potential import capabilities as a function of relevant variables.

Determining Amount to Arm

- 3(1) The **ISO** must arm the amount of **fast frequency response service** that the **ISO** determines to be required before every hour based on:
 - (a) the net import schedule of the combined British Columbia and Montana transfer paths ; or
 - (b) the size of potential supply or load loss contingencies.
- (2) The **ISO** must, when arming **fast frequency response service** under subsection 3(1), prioritize the arming of available **fast frequency response service** so as to minimize expected cost.
- (3) The **ISO** may modify the amount of **fast frequency response service** armed under subsection 3(1) if the arming requirement changes during the hour.

Issuing and Responding to Dispatches

- 4(1) The **ISO** may issue **dispatches** to the **market participant** to arm and disarm **fast frequency response service**.
- (2) The **market participant** must arm and disarm **fast frequency response service** in accordance with the contract.

Requirements for the Provision of Fast Frequency Response Service

- 5(1) The **market participant** must, when armed to provide **fast frequency response service**:
 - (a) maintain an actual volume of **fast frequency response service** that is at or above the armed volume specified in the contract or otherwise directed by the **ISO**; and
 - (b) provide a response when the frequency of the **interconnected electric system** becomes less than or equal to the target frequency specified in the contract, or otherwise directed by the **ISO**:
 - (i) by reducing **real power** flow into the facility, or increasing **real power** flow from the facility into the **interconnected electric system**;

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- (ii) by an amount that is at or above the tolerance specified in the contract, and
- (iii) within the response time specified in the contract.

5(2) The **market participant** must, when providing a response as part of **fast frequency response service**:

- (a) ensure that the response is provided for one (1) hour or until the **ISO** issues a **directive** to end the response, whichever occurs first;
- (b) not counteract the response or otherwise reduce the benefit of the service to the **interconnected electric system**, through either the actions or inactions of the **market participant**, unless otherwise required by applicable laws; and
- (c) record a response event record for each response in accordance with the contract.

Adjustment Due to Insufficient Fast Frequency Response Service

6 If there is insufficient **fast frequency response service** due to the unavailability of this service, the **ISO** must adjust the import transfer level and may adjust the size of potential supply or load loss contingencies to the corresponding total level of **fast frequency response service** that will be armed.

No Double-Counting

7 The **market participant** must not use the capacity it makes available or that is dispatched to provide **fast frequency response service** to simultaneously provide **operating reserves**.

Revision History

Date	Description
2024-05-31	Amended, as approved in Commission Decision 28937-D01-2024 issued May 24, 2024.
2013-07-01	Amendments made to accommodate the energization of MATL
2011-04-01	Initial release