

ISO Rules

Part 200 Markets

Division 202 Dispatching the Markets

Section 202.5 Supply Surplus



Applicability

- 1 Section 202.5 applies to:
 - (a) a **pool participant**; and
 - (b) the **ISO**.

Requirements

State of Supply Surplus and Multiple \$0 Offers

2(1) The **ISO** may curtail next hour import **interchange transactions** to balance system supply and **system load**, if during a current hour the **ISO** forecasts that the **interconnected electric system** will experience a state of supply surplus in the next hour, as evidenced by the **in merit** electricity supply consisting of only multiple \$0 **offers**.

(2) The **ISO** must, subject to subsection 2(3), if it determines that a state of supply surplus is imminent in the current hour or already exists, balance system supply and **system load** using following procedures, as required, and in the following sequence:

- (a) initiate curtailment of import **interchange transactions**;
- (b) allow **pool participants** to submit **bids** to increase export **interchange transactions** within 2 hours of the start of a **settlement interval**;
- (c) allow **pool participants** to submit **offers** to decrease import **interchange transactions** within 2 hours of the start of a **settlement interval**;
- (d) allow **pool participants** to submit restatements reducing **generating unit, aggregated facility, and energy storage resource**, output within 2 hours of the start of a **settlement interval**;
- (e) issue, on a pro rata basis **dispatches** to **generating units, aggregated facilities, and energy storage resources**, for partial volumes of **flexible blocks** of the \$0 **offers**;
- (f) if there are **generating units, aggregated facilities, and energy storage resources**, with \$0 **offers** for **inflexible blocks** stating volumes greater than their declared **minimum stable generation**, then issue **directives** to curtail those **generating units, aggregated facilities, and energy storage resources**, to their declared **minimum stable generation**, starting with the **generating units, aggregated facilities, and energy storage resources** having the greatest difference in MW between the then current **dispatch** level and **minimum stable generation** and continuing in descending order until all those **generating units, aggregated facilities, and energy storage resources** have received **directives**; and
- (g) issue **directives** for any other necessary actions, including shutting down **generating units, aggregated facilities, and energy storage resources**, to ensure system **reliability**.

(3) The **ISO** may, as part of the effective execution of the procedures set out in subsection 2(2), if it determines that a **generating unit, aggregated facility, or energy storage resource** is running at an output level higher than its **minimum stable generation** in order to provide **regulating reserve**, issue a **dispatch**:

- (a) to curtail delivery of **regulating reserve** from that **generating unit, aggregated facility, or energy storage resource**; and

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(b) for **regulating reserve** to another **generating unit, aggregated facility, or energy storage resource** which can provide **regulating reserve** while operating at a lower output level at or above **minimum stable generation**.

(4) The **ISO** may alter the procedural sequence set out in subsections 2(2) and 3, if during a current hour, the **ISO** determines that real-time operating conditions are such that procedural sequence would put the **ISO** in contravention of a **reliability standard**.

(5) The **ISO** must, if it alters the procedural sequence as set out in subsection 2(4), recommence the procedural sequence set out in subsections 2(2) and 3 once it is assured that the **interconnected electric system** is operating in a safe and reliable mode.

Transitioning Out of a State of Supply Surplus

3 The **ISO** must, when it determines that the **interconnected electric system** is transitioning out of a state of supply surplus, reverse any actions taken under subsection 2(2), in reverse order, to balance system supply and **system load**.

Revision History

Date	Description
2024-04-01	Amended, as approved in Commission Decision 28176-D01-2023 issued on June 13, 2023.
2018-09-01	Revised “source asset” to “generating unit or aggregated generating facility”; clarified subsections 2 and 3; and administrative revisions.
2012-03-28	Initial release