

ISO Rules

Part 200 Markets

Division 202 Dispatching the Markets

Section 202.5 Supply Surplus



External Consultation Draft October 22, 2018

Applicability

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

Requirements

State of Supply Surplus and Multiple Zero Dollar (\$0) Offers

~~2(1) If during a current hour~~Subject to subsection 2(2), if the ISO forecasts~~determines~~ that ~~the interconnected electric system will experience~~ a state of supply surplus ~~in the next hour~~is imminent or already exists, as evidenced by the in merit electricity supply consisting of only multiple \$0.00 offers and the supply of electricity available from these offers exceeds the system load, then the ISO ~~may curtail next hour import interchange transactions to balance system supply and system load.~~

~~(2) Subject to subsection 2(3), if during a current hour the ISO determines that a state of supply surplus is imminent in the current hour or already exists, then the ISO~~ must comply with the following procedures as may be required, in the following sequence, to balance system supply and system load:

- ~~(a) initiate curtailment of import interchange transactions;~~
- (a) ~~(b)~~ allow **pool participants** to submit bids to increase export interchange transactions within ~~two (2)~~ hours of the start of a **settlement interval**;
- (b) ~~(c)~~ allow **pool participants** to submit offers to decrease import interchange transactions within ~~two (2)~~ hours of the start of a **settlement interval**;
- (c) ~~(d)~~ allow **pool participants** to submit restatements reducing generating ~~unit and aggregated generating facility~~source asset output, ~~or increasing load sink asset consumption~~, within ~~two (2)~~ hours of the start of a **settlement interval**;
- ~~(e) issue, on a pro-rata basis:~~
- (d) ~~(i)~~ ~~dispatches to generating units and aggregated generating facilities~~ for partial volumes of ~~flexible blocks~~ in accordance with Section 202.3 of the ~~\$0 offers~~ISO rules, Issuing Dispatches for Equal Prices;
- (e) ~~(f)~~ ~~notwithstanding subsection 2(1)(d), if there are generating units and aggregated generating facilities~~source assets with \$0.00 offers for inflexible blocks stating volumes greater than their declared **minimum stable generation**, then issue directives to curtail those generating ~~units and aggregated generating facilities~~source assets to their declared **minimum stable generation**, starting with the generating ~~units and aggregated generating facilities~~source assets 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 and aggregated generating facilities~~source assets have received directives; and
- (f) ~~(g)~~ issue directives for any other necessary actions, including shutting down generating ~~units and aggregated generating facilities~~source assets, to ensure system reliability.

~~(32)~~ If the ISO determines that a generating ~~unit or aggregated generating facility~~source asset is running at a generation level higher than its **minimum stable generation** in order to provide **regulating**

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reserve, then the **ISO** may, as part of the effective execution of the procedures set out in subsection 2(21), issue a **dispatch** to curtail delivery of **regulating reserve** from that generating ~~unit or aggregated generating facility~~**source asset** and issue a **dispatch** for **regulating reserve** to another generating ~~unit or aggregated generating facility~~**source asset** which can provide **regulating reserve** while operating at a lower generation level at or above **minimum stable generation**.

(43) If during a current hour the present, real time operating conditions change such that the **ISO** determines that following the procedural sequence set out in subsections 2(21) and 3(2) would put the **ISO** in contravention of any **reliability standard** requirement by failing to achieve compliance within the operating limits or required response time specified in that **reliability standard**, then the **ISO** may alter the procedural sequence.

(54) If the **ISO** alters the procedural sequence as set out in subsection 2(43), then once the **ISO** is assured that the **interconnected electric system** is operating in a safe and reliable mode, the **ISO** must recommence the procedural sequence set out in subsections 2(21) and 3(2).

Transitioning Out of a State of Supply Surplus

3 When the **ISO** determines that the **interconnected electric system** is transitioning out of a state of supply surplus, the **ISO** must reverse any actions taken under subsection 2(21), in reverse order, to balance system supply and **system load**.

Revision History

EffectiveDate	Description
xxxx-xx-xx	Clarified references to import interchange transactions, added reference to load, added reference to section 202.3, and administrative revisions.
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