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 Zero Dollar (\$0) Offers

- **2(1)** 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 zero dollar (\$0) **offers** and the supply of electricity available at zero dollars (\$0) exceeding the **system load**, then the **ISO** may curtail next hour import **interchange transactions** to manage 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 manage system supply and **system load**:
 - (a) initiate one (1) curtailment of current hour import **interchange transactions** if it can be completed in the current hour;
 - (b) allow **pool participants** to submit **offers** for export **interchange transactions** within two (2) hours of the start of a **settlement interval**;
 - (c) allow **pool participants** to submit restatements reducing **generating unit** output within two (2) hours of the start of a **settlement interval**:
 - (d) issue, on a pro rata basis:
 - (i) **dispatches** to **generating units** for partial volumes of **flexible blocks** of the zero dollar (\$0) **offers**; and
 - (ii) directives to any available wind aggregated generating facilities;
 - (e) if there are source assets with zero dollar (\$0) offers for inflexible blocks stating volumes greater than their declared minimum stable generation, then issue directives to curtail those source assets to their declared minimum stable generation, starting with the source asset having the greatest difference in MW between the then current dispatch level and minimum stable generation and continuing in descending order until all those source assets have received directives; and
 - (f) issue **directives** for any other necessary actions, including the immediate curtailment of any additional import **interchange transactions** or the shutting down of **generating units**, to ensure system **reliability**.
- (3) If the ISO determines that a **source asset** is running at a generation level higher than its **minimum stable generation** in order to provide **regulating reserve**, then the ISO may, as part of the effective execution of the procedures set out in subsection 2(2), issue a **dispatch** to curtail delivery of **regulating reserve** from that **source asset** and issue a **dispatch** for **regulating reserve** to another **source asset** which can provide **regulating reserve** while operating at a lower generation level at or above **minimum stable generation**.
- (4) 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 subsection 2(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.

(5) If the **ISO** alters the procedural sequence as set out in subsection 2(4), 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 subsection 2(2).

Transitioning Out of a State of Supply Surplus

- When the **ISO** determines that the **interconnected electric system** is transitioning out of a state of supply surplus, the **ISO** must comply with the following procedures as may be required, in the following sequence, to manage system supply and **system load**:
 - (a) issue **directives** to reverse any actions taken under 2(2)(f);
 - (b) issue directives for any source asset with zero dollar (\$0) offers for inflexible blocks from their minimum stable generation level to their zero dollar (\$0) offer level, starting with the source asset with the smallest difference between offer volumes and minimum stable generation and continuing in ascending order until all such source assets have received directives; and
 - (c) issue, on a pro rata basis:
 - (i) dispatches to generating units for partial volumes flexible blocks of the zero dollar
 (\$0) offers; and
 - (ii) directives to any available wind aggregated generating facilities.

Revision History

Effective Description
2012-03-28 Initial Release