

Information Document

Restatements

ID # 2012-009R



Information Documents are not authoritative. Information Documents are for information purposes only and are intended to provide guidance. In the event of any discrepancy between an Information Document and any Authoritative Document(s)¹ in effect, the Authoritative Document(s) governs.

1 Purpose

This Information Document relates to the following Authoritative Document:

- Section 203.3 of the ISO rules, *Energy Restatements* (“Section 203.3”).

The purpose of this Information Document is to describe how available capability restatements in subsection 2 of Section 203.3 are applied to an energy offer. This Information Document is likely of most interest to pool participants submitting restatements for energy offers.

2 Available Capability Restatements

Section 203.3 gives pool participants the ability to restate their available capability for source assets under certain operational conditions as set out in subsection 2(1) of Section 203.3. Restating available capability up or down to a level where available capability is less than the generating source asset's maximum capability causes the Energy Trading System to remove portions of the offer from the merit order, as outlined below.

When a pool participant has restated their available capability to a level below their maximum capability, their offers must still total the maximum capability of the generating source asset. However, the only operating blocks for that generating source asset that appear in the merit order for dispatch by the ISO are those which contain the energy up to the current available capability value. Table 1 below shows hypothetical offer structures for a generating source asset with maximum capability equal to one hundred and fifty (150) MW.

Table 1 – Offer Operating Blocks

Block	MW	Price
0	40	\$0.00
1	60	\$25.00
2	80	\$49.00
3	100	\$60.00
4	130	\$700.00
5	140	\$900.00
6	150	\$990.00

The total MW in the highest priced operating block is equal to the maximum capability of the generating source asset and as long as available capability equals maximum capability, all seven (7) operating blocks would appear in the merit order in full.

¹ “Authoritative Documents” is the general name given by the AESO to categories of documents made by the AESO under the authority of the *Electric Utilities Act* and regulations, and that contain binding legal requirements for either market participants or the AESO, or both. AESO Authoritative Documents include: the ISO rules, the Alberta reliability standards, and the ISO tariff.

As an example, assume the pool participant has to restate the available capability of the source asset down to one hundred (100) MW for an acceptable operational reason. Restatements of available capability to a lower level are applied first to the highest priced operating blocks. In this case therefore, only operating blocks 0 through 3 would appear in the merit order.

Table 2 – Offer Operating Blocks with Available Capability = 100MW

Block	MW	Price
0	40	\$0.00
1	60	\$25.00
2	80	\$49.00
3	100	\$60.00
4	130	\$700.00
5	140	\$900.00
6	150	\$990.00

When the generating source asset is able to be restated to a higher available capability (e.g. an increase of thirty-five (35) MW) but not all the way to one hundred and fifty (150) MW, the pool participant would submit an available capability restatement to one hundred and thirty-five (135) MW. Restatements of available capability to a higher level are applied first to the lowest priced blocks that are currently not fully in the merit order – in this case, blocks 0 through 4 would appear in the merit order for their full amounts and block 5 would appear in the merit order for one hundred and thirty-five (135) MW instead of one hundred and forty (140) MW.

Table 3 – Offer Operating Blocks with Available Capability = 135MW

Block	MW	Price
0	40	\$0.00
1	60	\$25.00
2	80	\$49.00
3	100	\$60.00
4	130	\$700.00
5	140	\$900.00
6	150	\$990.00

3 Price Restatements

Section 203.3 gives pool participants the ability to restate the price associated with an offer or bid for a pool asset. To make a price restatement, pool participants may change the price associated with a bid or offer prior to two (2) hours before the start of a settlement interval. Price restatements do not require an acceptable operational reason.

As an example, see Table 4 below. Since this offer has been submitted for HE12, at any time prior to 9:00 am, the pool participant change the offer as follows:

Table 4 – Offer Operating Blocks for HE12

Block	MW	Price
0	40	\$0.00
1	60	\$40.00
2	80	\$55.00
3	100	\$60.00
4	130	\$800.00
5	140	\$900.00
6	150	\$990.00

4 MW Restatements

Section 203.3 gives pool participants the ability to submit a MW restatement, redistributing the MW associated with an offer or bid for a pool asset. MW restatements are only permitted under certain operating conditions, as set out in subsection 4(2) of Section 203.3.

As an example, see Table 5 below. Assume that Table 1 above reflected the original offer for this pool asset.

Table 5 shows the new offer after making a MW restatement where operating conditions required the pool asset to produce a minimum of fifty-five (55) MW.

Table 5 – Offer Operating Blocks

Block	MW	Price
0	55	\$0.00
1	60	\$25.00
2	80	\$49.00
3	100	\$60.00
4	130	\$700.00
5	140	\$900.00
6	150	\$990.00

Fifteen (15) MW have been moved from Block 1 into Block 0, into the \$0.00 offer block.

Note that when submitting a MW restatement, prices remain constant for each block.

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5 Battery Energy Storage Facilities

The AESO has received questions regarding the applicability of ISO rules and Alberta reliability standards to battery energy storage facilities. The AESO is in the process of reviewing these questions and will issue further communications on this matter once the review is complete.

Revision History

Posting Date	Description of Changes
2017-05-11	Addition of section 5
2014-06-13	Rule reference amendment
2013-11-12	Administrative Updates
2013-01-08	Initial Release