

Stakeholder Feedback Form: MRP Energy Detailed Design

Design Document: Grid and Market Operations Integration

Feedback Due: July 24, 2020

Feedback provided by:

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The IESO is posting a series of detailed design documents which together comprise the detailed design of the MRP energy stream.

This design document is posted to the following engagement webpage: <http://ieso.ca/en/Market-Renewal/Energy-Stream-Designs/Detailed-Design>.

Stakeholder feedback for this design document is due on **July 24, 2020** to engagement@ieso.ca

Please let us know if you have any questions.

IESO Engagement

Section 3 Functional Design

Detailed Comments

- On Page 43 of the document (section 3.5.4.2), it states "In the DAM, cascade hydroelectric resources owned by the same market participant will be scheduled respecting their intertemporal dependencies represented by the linked resources, time lag and MWh ratio parameters. Each set of linked resources, time lag and MW ratio parameters will link a pair of resources on a cascade, defining the upstream and downstream resource, time and MW relationship between the two resources."

Question: Can a participant decide daily whether they enable this linkage? What if this only is an issue during spring freshet when forebays are operated at top of range. If the rest of the year they are operated in the middle, then this is less of a requirement? Will this be auditable or must be approved by IESO?

- At the bottom of page 48, it states the following "In the future market, the first run of the PD calculation engine where hours for the next day will be hours evaluated will occur at 20:00 EST on the pre-dispatch day, approximately 5 – 6 hours after the DAM results are published."

Question: If a resource has a registered lead time of 12 hours, then does this mean that if a resource was not scheduled in the Day Ahead Time frame, then the earliest that resource could get a schedule to come online is around 8-9 a.m.? What if a resource had a lead time registered up to the maximum currently contemplated of 24 hours, then does this mean that a resource would not get a schedule for the next days until approximately 20:00 the next day? How is that considered for programs such as the Capacity Auction that would normally expect resources to be offering in during the hours of 12:00 – 21:00?