

# Memorandum

**To:** Technical Panel

**From:** Adam Cumming

**Date:** January 17, 2023

**Re:** MR-00474-R00 – Enabling the Co-located Hybrid Model

Where there is more than one facility behind a connection point to the grid, it is possible that an individual facility or the combination of facilities could have more injection or withdrawal capability than the maximum allowed quantity. The IESO is proposing to provide market participants with the flexibility to manage multiple facilities behind a connection point where the maximum capability of those facilities is in excess of the maximum allowed quantity. Market participants will be required to manage their bids and offers so that the total or net schedule for all facilities is within the maximum allowed quantity.

The IESO is proposing to add two new subsections to the market rules. The first subsection will allow multiple facilities that are registered to the same registered market participant and connected to the same connection point, to be able to submit offers and bids based on the net injections and withdrawals for all generation facilities and electricity storage facilities where none of the facilities are providing contract ancillary services (regulation, black start capability, voltage control, reactive power and any other such services established by the market rules) or participating in the operating reserve market. The second subsection is the same as the first, except it uses the sum of all injections or the sum of all withdrawals for all generation facilities and electricity storage facilities where any of the facilities are providing contract ancillary services or participating in the operating reserve market.

The intent of these rules is to allow market participants to more efficiently manage their resources that are co-located while also ensuring system reliability.

## **Stakeholder Feedback**

The IESO has held a series of stakeholder sessions to discuss the proposed changes listed above which were received positively by stakeholders. Materials from these sessions including presentations and stakeholder feedback is available on the [Hybrid Integration Project webpage](#).

## **Panel Action and Next Steps**

The IESO recommends that the Technical Panel vote to post the proposed market rule amendment MR-00474-R00 for stakeholder review and comment for a period of two weeks, ending on February 7, 2023.

## **Accompanying Materials**

- Market Rule Amendment Proposal Form - MR-00474-R00

Adam Cumming