

Feedback Form

Hybrid Integration Project – February 24, 2022

Feedback Provided by:

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Date: March 17, 2022

Following the February 24, 2022 webinar on the Hybrid Integration Project, the IESO is seeking feedback from participants on the proposed design for hybrid facility participation in IESO markets for the two foundational models.

The referenced presentation can be found under the February 24, 2022 entry on the [Hybrid Integration Project webpage](#).

Please provide feedback by March 17, 2022 to engagement@ieso.ca. Please use subject: *Feedback: Hybrid Integration Project*. To promote transparency, this feedback, if provided in an AODA-compliant format (e.g. using this form) will be posted on the [Hybrid Integration Project webpage](#) unless otherwise requested by the sender.

Thank you for your time.

Market Participation

Topic	Feedback
Did you see any concerns from a participation perspective for co-located or integrated facilities?	Both participation models will prove useful and will be used by market participants.
Are there any dependencies between resources or technologies that make up the hybrid models that the IESO should be accounting for?	The IESO has proposed that the UCAP for hybrid models for procurement processes will be the sum of the UCAPs for the individual resources. While simple, CanREA is not sure that this methodology fully reflects the capabilities of hybrid resources. CanREA recommends that the IESO conduct a detailed modelling analysis of hybrid resources to determine their true capacity value.
Please indicate if you would like to set up a one-on-one call with the IESO team to discuss specific participation questions.	

General Comments/Feedback

CanREA is concerned about the timing of the implementation of the hybrid participation models as it relates to the objectives for the Long-Term RFP procurement process. The LT-RFP is asking for resources to be available by April 1, 2027 with the opportunity to be available by April 1, 2025. Wind, solar and storage are the prime technologies to respond to the LT-RFP due to the combination of low carbon footprint and quicker development timelines compared to other technologies. In addition, the LT-RFP is focussed on procuring capacity, which means that hybrid resources are a strong fit for the IESO needs. CanREA is concerned that by leaving the implementation of the hybrid models too late, market participants will see participation in the LT-RFP as too risky because they and the IESO have little to no opportunity to get comfortable with the participation models.

Clarity is needed on the expedited SIA (slide 17) and CanREA recommends the IESO coordinate with other regulatory agencies to ensure hybrid resources can be developed sufficiently quickly to ensure the success of the capacity auction, LT1 RFP and other IESO procurement processes.

CanREA appreciates the clarity on uplift and Global Adjustment that are included in the presentation. However, since energy storage is not the end user of the electricity then CanREA recommends that charging not be charged Global Adjustment or uplift under both hybrid participation models.

CanREA recommends that implementation of the Hybrid Participation Models be prioritized in order to give the LT-RFP the highest probably of successfully procuring low cost, clean and reliable projects for Ontario consumers.