

Feedback Form

Hybrid Integration Project – April 22, 2022

Feedback Provided by:

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Following the April 22, 2022 webinar on the Hybrid Integration Project, the IESO is seeking feedback from participants on the foundational participation models, as well as on the enhanced participation models and participation model study being conducted by EPRI.

The referenced presentation can be found under the April 22, 2022 entry on the [Hybrid Integration Project webpage](#).

Please provide feedback by May 13, 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.

Foundational participation models

Topic	Feedback
Are there any other items where the IESO could provide further clarification?	ESC urges the IESO to be more specific with timelines for implementation. Given supply needs emerging per the AAR, it would be reasonable to ensure the foundational model for hybrids is available in time for all upcoming IESO procurements, including newly announced procurements (e.g., uprates, expedited, and forward capacity auction), that will require in-service deadlines by 2025.

Enhanced participation models

Topic	Feedback
Are there any additional data sources the IESO should consider when developing enhanced hybrid participation model?	<p>ESC observes that there is commonality in the enhanced participation model to the IESO's long-term storage design. We are supportive of this approach.</p> <p>We recommend the IESO consider how to best dovetail the IESO's long-term design for energy storage, including plans for further design and implementation, with efforts underway to develop hybrid integration models.</p>

EPRI participation model study

Topic	Feedback
What additional scenarios and sensitivities should be considered through the EPRI study?	<p>ESC believes more information is required before providing input on scenarios and sensitivities. It is not clear how this study would be used by the IESO to inform an overall business case related to the implementation of future market designs.</p> <p>ESC is concerned regarding the possibility of the IESO not reconvening the ESAG (or similar) given that the proposed scope of</p>

EPRI's study includes stand alone storage and the merits of implementing the long-term design vision. While the scope of the Hybrid Integration Project obviously includes energy storage, it was not apparent to ESC that the benefits of the IESO's long-term design vision would be evaluated in this engagement forum.

Given the rapidly emerging supply needs according to the IESO's AAR, the IESO needs to be very clear about how this study will be applied.

General Comments/Feedback

Ontario needs a significant amount of new electricity supply in the near term. ESC believes hybrids will play an important role in meeting these needs and urges the IESO to move forward expediently with implementation of the foundation hybrid model and establishing a plan to ensure the enduring design is future-proof.