Feedback Form

Enabling Resources Program (ERP) - Storage and Co-located Hybrid Integration Project

Meeting Date: July 24, 2025

Feedback Provided by:

Name: Danah Kassabian

Title: Senior Markets Specialist

Organization: Ontario Power Generation

Email: [redacted]

Date: August 19, 2025

Following the **July 24, 2025**, engagement webinar, the Independent Electricity System Operator (IESO) is seeking feedback on the items discussed during the webinar. The presentation and recording can be accessed from the engagement web page.

Please submit feedback to engagement@ieso.ca by **August 21, 2025**. If you wish to provide confidential feedback, please submit it as a separate document, marked "**Confidential**." Otherwise, to promote transparency, feedback that is not marked "Confidential" will be posted on the engagement webpage.

General ERP Feedback:

Topic	Feedback
Feedback on the engagement approach, meetings, or the S/H Project in general?	The Phase I scope of the Enabling Resources Program encompasses Battery Storage, while the scope for subsequent phases considers the applicability of additional storage technologies. OPG recommends the IESO to include all types of energy storage technologies that would enhance grid reliability and flexibility within Phase I. In addition, OPG encourages the IESO to undertake a comprehensive review of the energy storage load charges to further optimize resource operation during times of peak demand.

Storage/Hybrid Project Feedback:

Topic	Feedback
Telemetered SoC: Required for calculations in PD and RT timeframes. This value is expected to inform the IESO of the injection capability of the resource in MWh and therefore should account for any losses. Current performance requirements will continue, with data sent every 4 seconds to the IESO. Do MP's have concerns or foresee challenges with this requirement?	Click or tap here to enter text.

Topic	Feedback
OR Offers: Are there concerns about OR provided by storage being branched from withdrawal to injection?	Click or tap here to enter text.
Ramp Rates: Do you have feedback on the 100 MW/min static ramp rate and utilizing a standardized approach to dispatch?	Click or tap here to enter text.
CycleDEL: Is CycleDEL sufficient to limit the cycling for storage in Phase 1? What is the expected default setting?	Click or tap here to enter text.
Exceeding Min/Max SoC limits: Do you anticipate needing to exceed min/max SoC limits for specific market opportunities, or just maintenance and what are the typical min/max limits – is this a fixed/static value that can be derived for registration? Frequency and magnitude of exceeding these limits? Are there equipment concerns from this, what are the specific concerns (faster equipment aging/degradation, other)?	Click or tap here to enter text.

Topic	Feedback
Derates: Do you have feedback on the derates that the IESO is considering; specifically, what requirements need to be set ensure that these are used sporadically? Will there be separate derate values for injection and withdrawal? Will MPs need to derate their SoC limits? Does this only require update to max SoC limit which will result in overall SoC reduction? How frequently does the MP need to update the round-trip efficiency?	Click or tap here to enter text.
Uprates: Any feedback on this concept of utilizing "uprates" to support maintenance? Any conditions or requirements that the IESO may need to consider when developing its process to allow uprates? Are there any other operational or market participation considerations that need to be considered?	Click or tap here to enter text.

General Comments/Feedback

OPG thanks the IESO for the opportunity to provide feedback on the Enabling Resources Program – Storage and Co-Located Hybrid Integration Project engagement and looks forward to working closely with the IESO on this and future engagements.