

Feedback Form

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

Meeting Date: November 20, 2024

Feedback Provided by:

Name: Shelby Dockendorff

Title: Advisor, Public Affairs and Communications

Organization: Boralex Inc.

Email: [REDACTED]

Date: December 9, 2024

Following the November 20, 2024, 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 December 9, 2024. 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
Engagement approach to use Design Memos for each Project along with Presentations to inform feedback and ensure information on design elements and concepts is clearly communicated	Click or tap here to enter text.

Storage/Hybrid Project Feedback Questions:

Topic	Feedback
Additional design considerations for future modules or elements?	Click or tap here to enter text.
Should the IESO explore bid/offer tied to State of Charge or other options?	Boralex suggests limiting the inclusion of State of Charge (SoC) in the Pre-Dispatch for RT Real Time bids/offers solely. Introducing the SoC in the Day Ahead Market (DAM) could limit the MPs ability to fully cycle the energy over the entire day. The DAM remains a financially settled market and if MPs potentially over or under commit, this will expose them to the DART settlement risk and deviation charges.

Topic	Feedback
What considerations should the IESO have for day-ahead market (DAM) in relation to SoC estimation? How can the IESO support a SoC that will accurately reflect an accurate SoC value that could be present at the start of the next day?	<p>Since the Day Ahead Market (DAM) remains a forecast which is affected by many Real Time events leading to the delivery day, what will be IESO's use case be for the SoC in the Day Ahead? We are concerned that due to the large margin of time in the forecasts, there will be difficulty in the IESO using the SoC for the DA market.</p> <p>A 4-hour Storage facility should theoretically be able to schedule and operate for 3 full charge and discharge cycles over the 24-hour day. The use of an SoC in the DAM would hinder the MPs ability to do so.</p> <p>MPs already have the ability to limit the exposure by using the Daily Energy Limit Field, thus negating the SoC's value in the Day Ahead submittal process.</p>
Are there other resource operating characteristics needed to properly automate the operation of the resource to avoid changes in the mandatory window?	
Any other reasons why changes could be needed in the mandatory window?	

General Comments/Feedback

Boralex strongly supports the exemption of Uplifts for Energy withdrawals "fuel". And we also support the ability of the system to support Regulation service from Storage facilities.