

Engagement Plan

Hybrid Integration Project

Introduction

The [Enabling Resources Program](#) will produce an integrated plan that will outline the sequencing, timing and scope of activities to be undertaken by the IESO to enable existing electricity resources to provide electricity system services in the renewed Ontario wholesale market that they cannot, or cannot fully, currently provide. Market integration of hybrid storage-generation resources has been identified as a priority project under the umbrella of projects within the Enabling Resources Program.

The Hybrid Integration Project will identify participation model(s) to enable hybrid resources in the IESO-administered markets (IAMS) and have the capability to support Ontario's future system needs. The changes will be implemented after the implementation of the Market Renewal Project.

This engagement plan outlines the objectives, approach, timeline and considerations for engaging with stakeholders during the development of the Hybrid Integration Project. This engagement plan may be subject to review and updates as the process evolves. All comments and enquiries on this engagement can be directed to engagement@ieso.ca.

Stakeholders and Communities

The IESO encourages all interested parties to participate in this engagement through the public engagement activities described in the Approach section below. The IESO anticipates that this initiative will be of particular interest to current and prospective market participants and resource developers, specifically storage, wind and solar.

Engagement Objectives

The objectives of this engagement are:

- To ensure that stakeholders understand the purpose of this initiative;
- To purposefully engage on the development of the hybrid participation model(s), to support the integration of hybrid resources into the IAMS, incorporating stakeholder feedback and considerations where possible.

Approach

This engagement plan will be implemented in accordance with the [IESO's approved engagement principles](#).

This is a public engagement process. All materials will be posted on the dedicated IESO engagement webpage, and, any information/input supplied by interested parties will also be posted (with consent).

The approach for this engagement includes opportunities to provide input through various channels such as webinars, information sessions, meetings, and written feedback. The project team will consider all relevant input and illustrate how feedback was considered to shape the stated objectives.

The Hybrid Integration Project is the first distinct project to launch under the Enabling Resources Program umbrella. The phases below broadly detail the upcoming steps within the Enabling Resources Program umbrella, including stakeholder engagement on the Hybrid Integration Project.

Phase One (Q2/Q3, 2021):

- Enabling Resources Program work plan engagement focused on determining the timing for when various resource enablement opportunities will be implemented
- Scoping and initial design work for resource enablement opportunities already identified as priorities for 2021 (Hybrid Integration Project and DER Roadmap)

Phase Two (Q3/Q4, 2021):

- Finalization of the Enabling Resources Program work plan
- Continuation of Hybrid Integration Project engagement
- Continuation of DER Roadmap engagement

Phase Three (beginning Q3/Q4, 2021):

- Launching of new engagements to support additional priority projects identified in the Enabling Resources Program work plan, including projects captured within the DER Roadmap

Proposed Engagement Schedule

The anticipated timing for this engagement is presented below. Note that timing and content associated with upcoming activities are subject to change. Effort will be made to coordinate engagements with other initiatives active at a similar time, or with similar targeted communities and stakeholders. Updates will be posted to the Hybrid Integration Project engagement page, when available.

Timing	Engagement Activity
April 21, 2021	Stakeholder webinar: <ul style="list-style-type: none"> • IESO to share and seek stakeholder feedback on the proposed schedule and scope of activities and draft definitions for co-located and hybrid facilities
June 23, 2021	Stakeholder webinar: <ul style="list-style-type: none"> • The IESO will provide stakeholders with a project update and address feedback received following the April meeting. At this meeting the IESO will share and seek feedback on the fundamental Hybrid Integration Vision questions, as well as present information on the hybrid work conducted by Berkley Labs and provide an update on the research work at the Minto Flywheel facility.
Q3, 2021	Stakeholder webinar(s): <ul style="list-style-type: none"> • IESO to present participation model(s) and discuss and seek feedback on potential barriers to participation • Stakeholder structure (i.e. table of contents) for Hybrid Integration Vision document

Additional Background and Resources

[EPOR-E Report: IESO Participation Requirements, and Misalignments with Models of Participation](#)

[Energy Storage Design Project Long-Term Design Vision](#)

Related Engagements

[Enabling Resources Program](#)

[DER Roadmap](#)

[Innovation and Sector Evolution White Paper Series](#)