

Engagement Plan

Enabling Resources Program

Introduction

In 2020, the IESO launched the Expanding Participation in Operating Reserve (OR) and Energy initiative (EPOR-E) to collaborate with stakeholders to gain a better, mutual understanding of the requirements, capabilities, and interest from various technology types to participate in the energy and OR markets. The EPOR-E report, published in January, 2021, documents the outcomes of the EPOR-E initiative, including analysis of current market participation requirements, participation models of the EPOR-E resource types/technologies, and identification of misalignments between the two.

At the November 2020 Stakeholder Advisory Committee (SAC) meeting, the IESO identified a need to revise its approach to engaging with stakeholders on enabling emerging and evolving resource types, to capture not just the EPOR-E research, but learnings from other forums such as the Energy Storage Advisory Group and Demand Response Working Group, and projects such as the Storage Design Project and the Distributed Energy Resources (DER) white paper series. This expanded engagement is the Enabling Resources Program.

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. The plan will consider:

- The timing, quantity (MW), and capability, that would be made available by each enablement opportunity;
- The timing and magnitude of forecasted system needs;
- Potential interrelationships between enablement opportunities; and
- IESO capacity for additional initiatives.

It is expected that a number of distinct projects will be launched under the Enabling Resources Program umbrella to realize priority resource enablement opportunities. In the interest of continued progress, the IESO is also launching parallel engagements to support scoping of solutions on two resource enablement opportunities: [market integration of hybrid storage-generation resources](#) and

the DER Roadmap (with the Enabling Resources Program work plan to determine timeline for implementing solutions).

The Resource Adequacy framework is being developed to competitively acquire services to meet short-, mid-, and long-term electricity system needs in a way that effectively balances cost and risk, as well as ensuring implementation in time to address larger forecasted capacity needs. The Enabling Resources Program will support robust competition in the Resource Adequacy mechanisms to support the IESO's objective of cost-effective reliability.

This engagement plan outlines the objectives, approach, timeline and considerations for engaging with stakeholders during the development of the Enabling Resources Program work plan. 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.

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 work plan, incorporating stakeholder feedback and considerations where possible;
- To produce an integrated work 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 that they cannot fully provide under current market design.

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.

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 Q3/4, 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 – particularly Resource Adequacy. Updates will be posted to the Enabling Resources Program engagement page, when available.

Timing	Engagement Activity
February 17, 2021	Stakeholder Advisory Committee presentation <ul style="list-style-type: none">• Proposed methodology for prioritizing projects
April 21, 2021	Stakeholder webinar: <ul style="list-style-type: none">• IESO to share highest priority projects and timing needs and seek stakeholder feedback on draft conclusions
Q3, 2021	Stakeholder webinar: <ul style="list-style-type: none">• IESO to present draft work plan, incorporating stakeholder input, for implementing highest value projects and seek stakeholder feedback on additional considerations, alignment with other IESO initiatives, etc.
Q3/Q4, 2021	Final work plan posted

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

[Capacity Auction](#)

[Demand Response Working Group \(DRWG\)](#)

[DER Roadmap](#)

[Distributed Energy Resources Survey](#)

[Expanding Participation in Operating Reserve and Energy \(EPOR-E\)](#)

[Hybrid Integration Project](#)

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

[Resource Adequacy](#)

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