

# OEB Updates on DER Integration Work

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OEB/IESO Joint Engagement on DER Integration

November 27, 2023

# OEB Policy Initiatives

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1. Benefit Cost Analysis (BCA) for DERs
2. Framework for Energy Innovation (FEI)
3. DER Connections Review and Electric Vehicle (EV) Integration
4. Regional Planning Process Review (RPPR)
5. Energy Transition Project Hub

# BCA Objectives and Framework

## Policy Objectives

Requires electricity distributors to:

- Consider DERs/Non-Wires Alternatives (NWA) as part of distribution system planning and other regulatory filings.
- Conduct a BCA to determine whether a DER is the optimal approach to meeting a system need (symmetrical treatment of traditional and NWA solutions).
- Provide rationale for situations where DER solutions are not considered or where a BCA was not conducted (e.g., not a technically viable DER solution).

## BCA Framework

Developed in two phases:

- **Phase One** – Development of (1) a Distribution System Test focused on distribution-level impacts, and (2) a simplified Energy System Test (EST) that considers generation/transmission impacts.
- **Phase Two** – Refine some of the EST inputs and possibly consider social impacts

# BCA Framework: Eliciting Feedback



# FEI: Additional Guidance

The [OEB Report on FEI](#) sets expectations for distributors to consider DER integration in distribution system planning and using NWA for meeting system needs.

The OEB has provided additional guidance to support distributors in meeting these expectations.

## Additional Guidance

**Capital funding requests in between rebasings for distributors on Custom Incentive Rate-Setting**



October, 10 2023: [letter](#) confirmed the OEB would consider applications but must be related to urgent needs and demonstrate inability to reprioritize capital plans to accommodate investments.

**Proposals for third-party DER Incentives**



November 22, 2023: webinar on examples of proposals for third-party DER incentives to demonstrate how to meet the information and analysis requirements set out in the [Filing Guidelines for Third-Party DER Incentives](#).

# DER Connections Review and EV Integration

## Objectives

DER Connections Review



Address DER connection barriers and standardize/improve the connection process; broadened in 2023 to consider EV charger connections.

EV Integration (EVI)



Facilitate the efficient integration of EVs into the electricity system.

## Updates as of November 2023

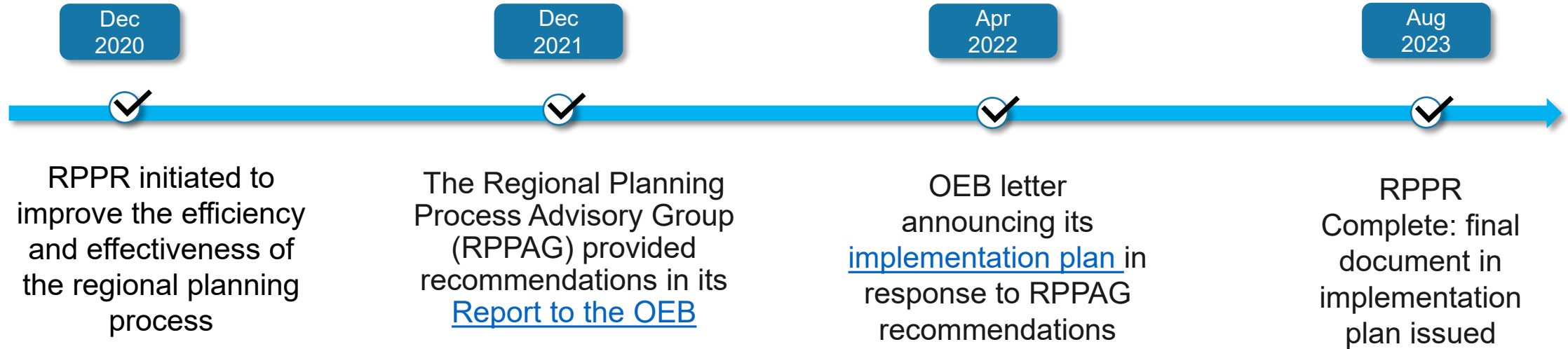
Held stakeholder engagement on [EV Delivery Rates Report](#) and received written feedback on alternative rates explored.

[Bulletin on residential customer connections & service upgrades](#) which provides staff guidance on basic connection requirements/costs for residential customers.

[Letter on system investments for EVI](#) summarizing available OEB guidance/resources supporting EV integration in distribution system planning.

DER Connections Review expanded to consider system readiness for demand from EV charging.

# Regional Planning Process Review (RPPR)



## Overview of Outcomes

10 documents were amended or created to improve the regional planning process, including OEB endorsement of the RPPAG developed [Load Forecast Guideline for Ontario](#) and [Municipal Information Document](#).

Consult the [RPPR Overview of Outcomes](#) placemat for a summary of the 10 documents and a link to each.

# Energy Transition Project Hub

The [Energy Transition Project Hub](#) is a “**one-stop shop**” for stakeholders to learn about the OEB’s work to support the transition.

The Hub features:

- ➔ **Policy Initiatives & Consultations** (e.g., EV Integration, DER Connections Review)
- ➔ **Collaborative Activities** related to the Energy Transition (e.g., OEB/IESO Joint Targeted Call for Innovative Pilot Projects)

A graphic for the Energy Transition Hub featuring a central glowing lightbulb held in a hand. The background is a soft-focus green with various white icons representing energy and sustainability: a car with a charging plug, a sun with 'ECO', a recycling symbol, a wind turbine, a water tap, a factory, gears, a solar panel, and a group of people connected by lines.

**Energy Transition Hub**

Information on OEB work that responds to the changing needs of consumers and the energy sector.

[View Project](#)



# Thank You

[oeb.ca](http://oeb.ca)

1.877.632.2727

[publicinformation@oeb.ca](mailto:publicinformation@oeb.ca)

[industryrelations@oeb.ca](mailto:industryrelations@oeb.ca)



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