# LT I RFP Engagement - Questionnaire

## Introduction

The IESO’s 2021 Annual Planning Outlook (APO) and Annual Acquisition report (AAR) identified growing capacity needs over the course of the decade. The IESO’s Resource Adequacy Framework outlines a number of acquisition mechanisms that work together in order to meet those needs, including an initial Long-Term Request for Proposals (LT I RFP).

The IESO began a [dedicated engagement](https://ieso.ca/en/Sector-Participants/Engagement-Initiatives/Engagements/Long-Term-RFP) on the LT I RFP on February 8, 2021 and requested feedback on a number of initial design considerations. As part of that engagement, the IESO posted a public stakeholder [feedback form](https://ieso.ca/-/media/Files/IESO/Document-Library/engage/long-term-rfp/ltrfp-20220208-feedback-form.ashx) to formally collect additional feedback. As part of that feedback form, the IESO included a set of questions seeking feedback on which resources have the potential to **provide new or incremental capacity to the IESO-Administered Markets as early as 2025**. The IESO recognizes that not all stakeholders may wish to share commercially sensitive or confidential information in a public forum. In response to these concerns, the IESO has developed this confidential questionnaire to supplement the existing feedback form.

This questionnaire is divided into five sections: (1) Existing Facilities, (2) Proposed Projects (Expansions/Uprates), (3) Proposed Projects (New-Build Facility or Deployment of Storage at an Existing Facility), (4) Storage/Hybrid Resource Considerations, and (5) Additional Questions and Information. Stakeholder can provide as many questionnaires as required. In addition to these questions, stakeholders are invited to provide the IESO with any additional and relevant information. Should stakeholders wish to discuss their response(s) with the IESO, they are welcome to request that meeting when responding to this questionnaire.

The IESO requests that stakeholders provide their responses to this questionnaire by March 2, 2022 and submit completed questionnaires to [LT.RFP@ieso.ca](mailto:LT.RFP@ieso.ca)

### Confidentiality

The respondent consents to the IESO’s collection of information as contemplated under this questionnaire for the uses contemplated hereunder. The respondent acknowledges that all information provided to the IESO may be subject to the Freedom of Information and Protection of Privacy Act, R S.O 1990, c.F.31, as amended, the Ontario Energy Board Act, S.O. 1998, c. 15, as amended and the Electricity Act, S.O. 1998, c. 15, as amended. A respondent should clearly identify any information in its response or any accompanying or supplemental documentation which is supplied in confidence. Where the respondent is providing information in confidence, the word “Confidential” should precede the specific response. The confidentiality of such information will be maintained by the IESO, except as otherwise required by law or by order of a court or other administrative body.

## Questionnaire

#### Existing Facilities

1. Please provide the name, technology and nameplate capacity of your existing facility?

<enter response here>

1. Where is the facility located? Include both geographical location and associated transformer station.

<enter response here>

1. Is your facility currently under contract with the IESO, OEFC or other party? If yes, please provide contract information.

<enter response here>

1. Is your facility currently a “registered facility” under the IESO Market Rules?

<enter response here>

1. What services/products does your facility currently provide to the IESO (e.g., energy, capacity, operating reserve)?

<enter response here>

1. Have you considered any expansions or uprates to your existing facility?
   1. If yes, please see question 7.
   2. If no, would you consider an expansion or uprate to your existing facility should the IESO provide a procurement or contracting opportunity for the additional capacity?

<enter response here>

* 1. If you are considering a new-build project or the deployment of energy storage to your existing facility, please see question 13.

#### Proposed Projects (Expansions/Uprates)

1. Provide an overview of the proposed uprate or expansion to your existing facility? Describe any other relevant technical characteristics of the facility. For clarity, expansions or uprates for the purposes of this questionnaire are limited to the same technology as the facility in question.

<enter response here>

1. What is the earliest date that such proposed uprate or expansion could come into service?

<enter response here>

1. What contract execution date would be required to enable early commercial operation for the proposed uprate or expansion (i.e., in 2025 or 2026)?

<enter response here>

1. Please provide information about the progress on, and the development stage for the proposed uprate or expansion? Has preliminary engineering been completed? Has all necessary land and/or equipment been secured?

<enter response here>

1. What would be the incremental increase in Installed Capacity (ICAP) resulting from the proposed uprate or expansion?   
     
   In addition to increase in capacity, estimate the anticipated continuous energy output capability of both the incremental increased and overall facility.

<enter response here>

1. Will the planned uprate or expansion require changes to existing permitting and/or System/Connection Impact Assessments; or new/independent permitting and/or System/Connection Impact Assessment?

<enter response here>

#### Proposed Projects (New-Build Facility or Deployment of Storage at an Existing Facility)

1. What is the nameplate capacity of the proposed project? What is the minimum and maximum proposed capacity?

<enter response here>

1. Where would the proposed project be located? Include both geographical location and associated transformer station, if available.

<enter response here>

1. What is the technology of your proposed project?

<enter response here>

1. Provide an overview of the proposed project. Describe any other relevant technical characteristics of the facility.

<enter response here>

1. If possible, please estimate how many continuous hours of energy the project could deliver if dispatched by the IESO once during a typical day.

<enter response here>

1. What services/products would the proposed project be able to provide to the IESO (e.g., energy, capacity, operating reserve)?

<enter response here>

1. What is the earliest date that such proposed project could come into service?

<enter response here>

1. What contract execution date would be required to enable early commercial operation for the proposed project (i.e., in 2025 or 2026)?

<enter response here>

1. At what stage of the planning or development process is the proposed project? Has preliminary engineering been completed? Has land been identified and secured? Have equipment vendors been identified and secured?

<enter response here>

1. Describe the permitting and regulatory process you expect to go through in order to realize the proposed project. Please provide information on progress with respect to engaging municipalities and indigenous communities.

<enter response here>

1. If the project will be deployed at an existing project, provide any information on the connection capacity at an existing site (if applicable). Is there sufficient capacity at the existing site to support a potential expansion?

<enter response here>

1. Please outline any connection and/or deliverability considerations associated with a new-build project?

<enter response here>

#### Storage/Hybrid Resource Considerations

1. The IESO’s Hybrid Integration Project (HIP) recently presented two participation models for hybrid facilities; a co-located model and an integrated hybrid facility model. Which model do you foresee participating under? What are the advantages to participating in one over the other?

<enter response here>

#### Additional Questions and Information

1. Are there any potential challenges/barriers that could prevent you from realizing the proposed project as early as 2025 (e.g., supply chain issues sourcing components)?

<enter response here>

1. Please provide the IESO with any additional and relevant information.

<enter response here>