



Long Lead-Time Request for Proposals (LLT RFP)

Part 1 – Overview

January 29, 2026

Territory Acknowledgement

The IESO acknowledges the land from where we are delivering today's webinar is the traditional territory of many nations including the Mississaugas of the Credit, the Anishnabeg, the Haudenosaunee and the Wendat peoples, and is now home to many diverse First Nations, Inuit and Métis peoples. We also acknowledge that Toronto is covered by Treaty 13 with the Mississaugas of the Credit First Nation.

As we have attendees from across Ontario, the IESO would also like to acknowledge all the traditional territories across the province, which include those of the Algonquin, Anishnabeg, Ojibwe, Cree, Oji-Cree, Huron-Wendat, Haudenosaunee, Métis, and Inuit peoples.

Agenda

Part 1 – Overview – 2:00pm to 3:00pm

1. Meeting Electricity Needs and the Critical Role of Communities
2. Long Lead-Time Request for Proposals (LLT RFP) Overview and Design Considerations
3. Long Lead-Time RFP Overview of Community Engagement Considerations

Part 2 – Targeted Discussions – 3:00pm to 4:00pm

Group A: Indigenous community focused session to discuss relevant RFP details and Q&A

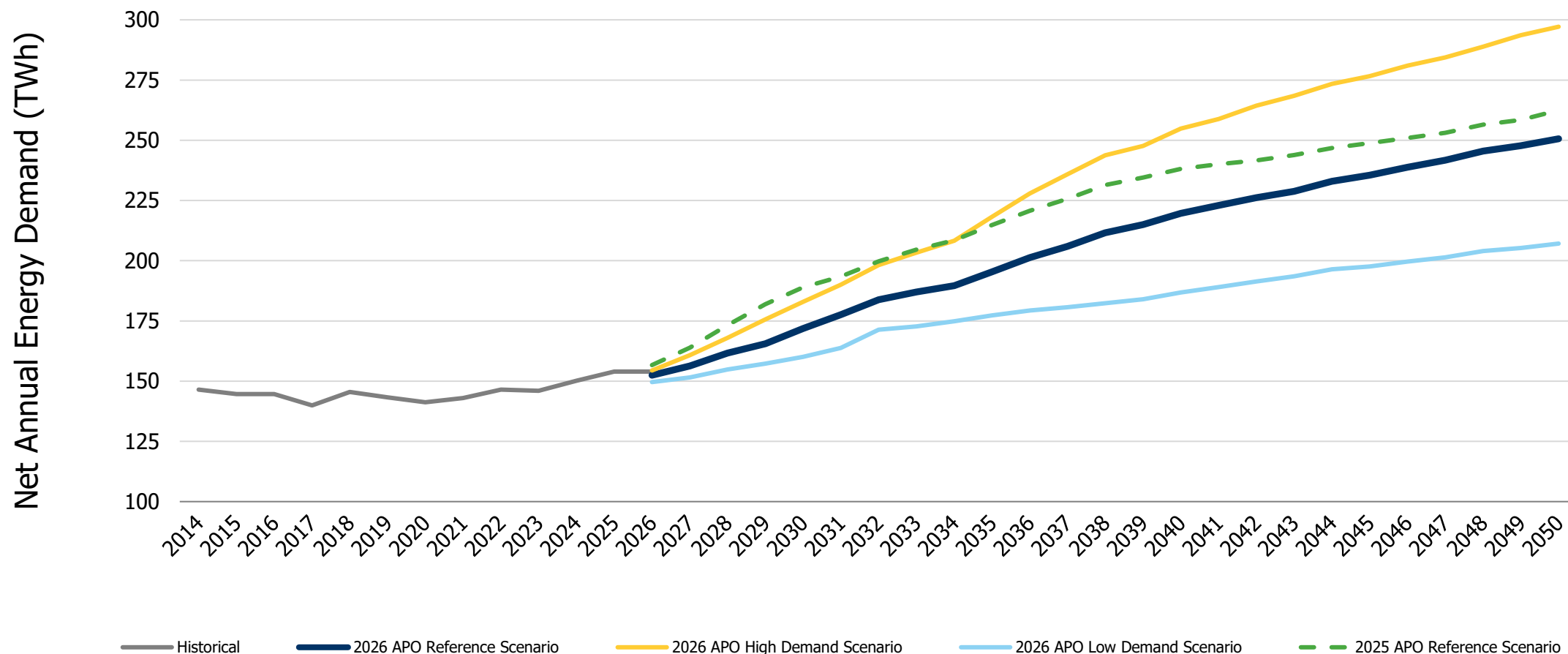
Group B: Municipal focused session to discuss relevant RFP details and Q&A



Meeting Ontario's Electricity Needs and the Critical Role of Communities

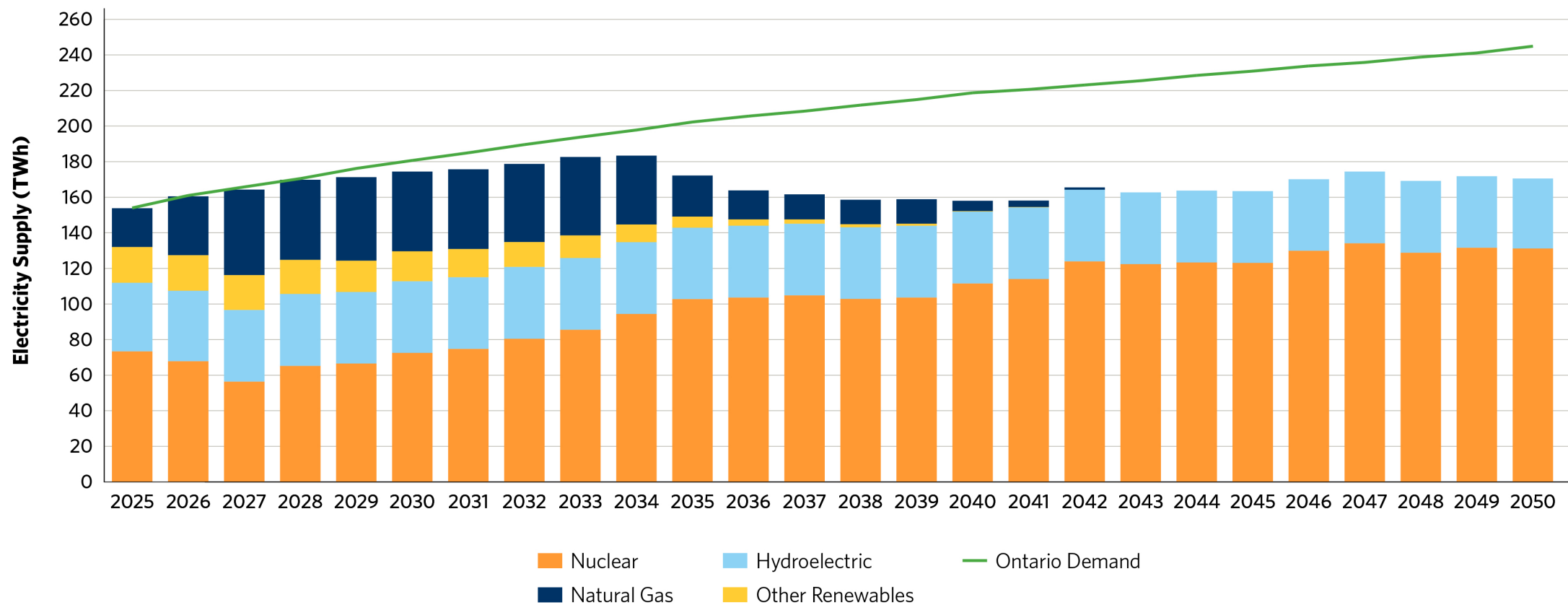
Dave Barreca, Supervisor, Resource Acquisition, Resource Development and Procurement

Demand Is Going Up: The Long-Term Outlook



Energy Supply

Energy Adequacy Outlook



Electricity Supply Resources

Ontario's electricity grid requires a diverse supply of resources to ensure electricity demands are met and that the system maintains its reliability.



Biofuels

Uses residual materials from forestry, agriculture, and other waste products that are readily available for use.



Energy Storage

Supports the wide-scale integration of renewable resources, such as wind/solar; a [video](#) and a [webpage](#) explain energy storage benefits (i.e. supports the integration of renewable resources, spurring economic development and providing back-up power during emergencies).



Hydroelectric

Hydroelectricity is generated by falling or moving water. Expected to contribute to meeting system needs through existing as well as incremental energy. These resources require significant time for new-build development.



Natural Gas

Provides operational flexibility to respond to changing electrical needs throughout the day and across the province (e.g. heat waves); as other renewables are built, and as new builds and refurbishments to the nuclear fleet are completed, natural gas usage will decrease.



Wind and Solar Photovoltaic

Produces electricity intermittently i.e. when the wind blows and the sun shines; variable generation will be important as electricity use patterns change i.e. peak demand periods are expected to shift from summer to winter; projects can typically be developed 4-5 years post contract award.



Cogeneration

A system that generates electricity and captures the heat typically wasted during electricity generation repurposed for heating needs, or for generating additional electricity.

Addressing Electricity Needs

Driven by economic development, population growth, and rapid electrification, Ontario's electricity demand continues to grow. To meet the future needs of our communities, bold action and generational investments are required:

- **Largest energy storage procurement in Canada:** Ontario's electricity needs for this decade have been successfully met, 3,658 MW of capacity secured through previous procurements.
- **More procurements on the way:** Increased electricity demands emerging in 2029–2030 will be addressed through the recently launched first window of the LT2 RFP and in future windows of the LT2 RFP.
- **Supporting the expansion of nuclear and transmission:** Five new transmission lines are under development that will allow more power to flow from large generators and to set up the groundwork for new nuclear development.
- **New electricity trade agreement with Quebec:** A new trade agreement with Hydro-Québec that will optimize the use of existing electricity generation capacity.
- **Other initiatives, planned or underway:** Northern Hydro Program, Small Hydro Program, Medium-Term RFPs, and enhanced energy efficiency opportunities.

Communities Have a Key Role

Municipalities and Indigenous communities are critical to helping meet future electricity system needs and ensuring that Ontarians have access to electricity when and when they need it in order to keep our economy powering forward by:

1. **Informing** electricity planning to ensure a reliable and adequate supply.
2. **Shaping** the province's energy transition by ensuring the system is prepared for future needs.
3. **Hosting** new generation, transmission and storage.
4. **Working** with project developers on the applicable approvals, and partnerships, where applicable.

Active and Upcoming Procurements

Procurement or Program	Key Details	Launch Timing / Expected In-Service Date
Medium-Term Procurements	Secures energy and capacity resources that are either off-contract or with expiring contracts for 5-year periods	<ul style="list-style-type: none"> • Last procurement 2024-2025 • Existing in-service resources
Long-Term Procurements (LT2)	Secures new build energy and capacity resources. The IESO is considering expanding eligibility to include repowered resources for future windows LT2 RFP is expected to provide multiple submission windows, across the next 4 years	<ul style="list-style-type: none"> • Active • Resources may reach commercial operation as early as 2029
Capacity Auction	Secures capacity from existing generation and load resources to meet short term needs Executed annually at year-end for summer and winter obligation periods	<ul style="list-style-type: none"> • Active • Mostly existing in-service capacity sources
Small Hydro Program	Secures existing hydroelectric facilities of less than 10 MW Program open and accepting applications	<ul style="list-style-type: none"> • Active • Existing in-service resources
Northern Hydro Program	Secures existing hydroelectric facilities of more than 10 MW Program under development	<ul style="list-style-type: none"> • Upcoming - expected launch in 2026 • Existing in-service resources
Long Lead-Time Procurement	Procurement for new build resources with long-lead times Procurement under development	<ul style="list-style-type: none"> • Under development, expected launch in 2026, pending Ministerial direction • Resources can reach commercial operation up to 2035



Long Lead-Time Request for Proposals: Overview and Design Considerations

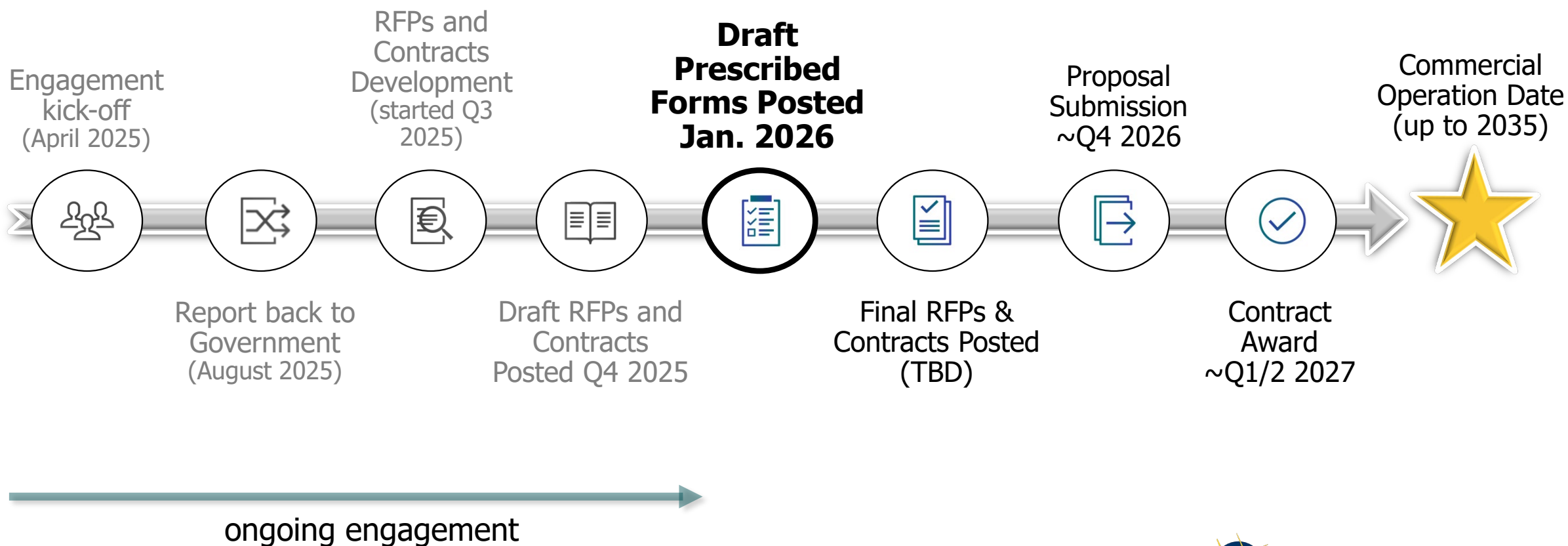
Danielle D'Souza, Senior Advisor, Resource Acquisition, Resource Development and Procurement

Background

- In late 2024, [the government requested the IESO](#) to report back on considerations for a proposed separate procurement for long lead-time resources; the report submitted in August 2025, included recommendations for the design of a Long Lead-Time Request for Proposals (LLT RFP)
- The LLT RFP provides an opportunity for Ontario to procure resources that can be available by 2035 in order to promote an even more diverse supply mix and further enhance system reliability
- Long lead-time resources require five or more years to develop and therefore cannot participate in other opportunities such as the LT2 RFP
- The IESO is currently developing the LLT RFPs and Contracts with draft documents available here: [Long Lead-Time RFP](#)
- **Your feedback is integral.** Procurement design will be informed by input from Indigenous communities, municipalities, and stakeholders

Long Lead-Time RFP Timelines

Timelines are still under development and will be coordinated with LT2 Window 1 activities, final government policy direction, and the issuance of final LLT RFPs and Contracts



LLT RFP Prescribed Forms & Guidance Documents

Draft Prescribed Forms are now available on the [IESO website](#) for review including:

- Evidence of Indigenous Support
- Evidence of Municipal Support

The following additional forms will be shared over the coming weeks:

- Evidence of Indigenous Community Participation
- Independent Engineer Report (capacity only)

The IESO is also in the process of reviewing and revising guidance documents that will support communities in understanding requirements under the RFPs and Contracts (e.g., Municipal Guide)

LLT RFP Design Overview

The LLT RFP is proposed as a **single procurement window with two streams**: one for **energy-producing resources** and one for **capacity resources**, with **successful projects awarded 40-year contracts**. Design elements include:

- **Mandatory requirements** to ensure Proponents are best positioned to fulfill contractual obligations (e.g., Team Member Experience)
- **Policy requirements** aligned with government direction (e.g., Indigenous and Municipal Support Confirmations)
- **Rated criteria** to incentivize specific technical attributes or policy considerations (e.g., Indigenous Community economic participation)
- **Deliverability testing** to confirm the electricity produced from successful projects can connect to the grid and contribute to meeting Ontario's reliability needs

LLT RFP Resource Eligibility and Targets

The LLT RFP will be open to participation from eligible long lead-time resources that are **new build**, require **five or more years to develop** and **meet the minimum size requirements** outlined in the LLT RFP.

The procurement will consist of two streams: energy and capacity, each will be administered through a separate RFP.

Energy Stream:

- Target: Up to 1 TWh
- Eligible Resources: Hydroelectric Generation Facilities, not including Pumped Hydroelectric Storage, equal to or larger than 1 MW:
 - **Run-of-the-river** hydroelectric generation facilities as well as those capable of some **reservoir storage**

LLT RFP Resource Eligibility and Targets

Capacity Stream:

- Target: Up to 800 MW; the IESO will procure a maximum of 200 MW from Liquid Air Energy Storage and Pumped Thermal Energy Storage Projects
- Eligible Resources: Long Duration Energy Storage Facilities equal to or greater than 10 MW:
 - **Compressed Air Energy Storage**: a system that pressurizes air to store potential energy
 - **Pumped Hydroelectric Storage**: a system that uses the pumping and release of water between two reservoirs at different elevations to store and retrieve kinetic energy
 - **Liquid Air Energy Storage**: a system that uses electricity to liquefy air and save the released thermal energy in a high-grade thermal vessel
 - **Pumped Thermal Energy Storage**: a system that converts electricity into heat which is stored as thermal energy and later converted back into electricity via reversible thermodynamic

LLT RFP Mandatory Requirements

Mandatory requirements ensure that Proposals evaluated by the IESO come from Proponents best positioned to meet contractual obligations. For the LLT RFP these include:

- **Proposal security** to demonstrate financial capability
- **Minimum experience** requirements for project team members
- **Confirmation of access rights** to Properties within a Project Site
- **Pre-Engagement Confirmation Notice** to the local authority where the proposed Project Site is located for project proposing to locate on Indigenous Lands or municipal lands
- **Policy-related requirements** aligned with government direction; the IESO anticipates that Indigenous and Municipal Support Confirmations will be required ahead of Proposal submission





LLT RFP Policy-Related Requirements

Policy-related requirements for the LLT RFP will be confirmed through government direction. The IESO anticipates these will be similar to those in the LT2 RFP and include:

Municipal and Indigenous Community Support Confirmations	All projects located, in whole or in part, on Municipal or Indigenous Lands will be required to obtain a support confirmation ahead of proposal submission to ensure that only supported projects are awarded an IESO Contract.
Projects in Speciality Crop Areas	All projects will be prohibited from locating in Speciality Crop Areas.
Projects in Prime Agricultural Areas	At time of proposal submission, proposals must include confirmation that the Agricultural Impact Assessment (AIA) Component One Requirement has been met to the satisfaction of the Local Municipality. Post contract award, complete the AIA Components Two and Three Requirement to the satisfaction of the Local Municipality.
Projects on provincial Crown land managed by Ministry of Natural Resources	Proposals must include a Ministry of Natural Resources Confirmation Letter confirming that the ministry reviewed the Crown Land Site Report and find it to be complete.

LLT RFP Policy-Related Rated Criteria

Policy-related rated criteria for the LLT RFP will be confirmed through government direction. The IESO anticipates these will be fairly similar to those in the LT2 RFP, including:

	Indigenous Community Participation	Recognizes projects with an Indigenous Participation Level of greater than 10%; maximum points are provided to projects that have a participation level equal to or greater than 50%.
	Local Indigenous Community Participation	Recognizes projects that are located on Indigenous Lands, or lands within the treaty area of an Indigenous Community that holds an economic interest in the Proponent; maximum points are provided to projects that have a participation level equal to or greater than 50%.
	Projects sited outside of Prime Agricultural Areas	Recognizes eligible projects that are not located in Prime Agricultural Areas.
	Buy Local	The IESO could be directed to include provisions in the LLT RFP that incentivize the use of Ontario/Canadian components and/or services.

Indigenous Community Participation

The IESO expects that rated criteria will continue to apply to incentivize Indigenous Community Participation, including Local Indigenous Community Participation.

The LLT RFP, Contract and Prescribed Form: Evidence of Indigenous Community Participation will be updated to better align with the policy intent to recognize projects that are proposed to be sited on:

- Indigenous Lands of participating Indigenous Communities; or
- Lands within the treaty area, or the established or asserted traditional territory or homeland, of the participating Indigenous Community or Indigenous Communities

LLT Contract Overview of Policy Items

Successful Proponents will receive a **40-year Contract** under either the energy or capacity stream. The following items will be confirmed through government direction, but the IESO anticipates they will be similar to the LT2 contract and include:

- **AIA Components Two and Three Requirement** for projects located in a Prime Agricultural Area. Successful Proponents must complete this requirement to the satisfaction of the Local Municipality and submit confirmation to the IESO within 18-months of Contract award
- **Complying with all applicable laws and regulations** must be adhered to by the Supplier in order for the Contract to remain in good-standing (e.g., permit requirements)
- **Initial Indigenous Participation Level (IPL)** must be maintained by successful Proponents that were awarded rated criteria points for Indigenous Participation until the fifth anniversary of the Commercial Operation Date
 - If the Initial IPL is reduced, the successful Proponents must notify the IESO within 20-business days and restore it within six-months, or it will be deemed a Supplier Event of Default
 - If an Indigenous Community with at least 10% economic interest requests a reduction before the fifth anniversary of COD, the Initial IPL may be lowered to no less than the Minimum Reduced IPL



Long Lead-Time Request for Proposals: Overview of Community Engagement Considerations

Sarah Feere, Advisor, Resource Acquisition, Resource Development and Procurement

How Community Feedback Is Informing the LLT RFP

The IESO has engaged regularly with Indigenous Communities and municipalities on the design of long-term RFPs since the expediated long-term procurement. Feedback and lessons learned have led to **streamlined processes that empower communities** and Proponents to determine the appropriate engagement approach by:

- Removing prescribed community engagement requirements and instead **encouraging Proponents to initiate early engagement** with Indigenous Communities and municipalities to understand local preferences and needs
 - This approach **enables communities to establish what constitutes sufficient engagement** and enables the IESO to rely on support confirmations as evidence that engagement has been satisfactorily completed and that the project has local support

While the IESO plans to maintain a similar community engagement requirements approach as in the LT2 RFP, **lessons learned and recent feedback continue to shape the LLT RFP community engagement considerations**, which are outlined in the following slides.

Pre-Engagement Confirmation Notice

The Pre-Engagement Confirmation Notice (“notice”) is a mandatory requirement under the LLT RFP for Proposals with Project Sites on Indigenous Lands and/or municipal lands, as applicable.

Purpose of the Notice	For project Proponents to initiate discussions about the proposed project and to define satisfactory community engagement. This notice may serve as the first formal engagement. For projects on municipal lands, the Proponent will also request confirmation of land-use details from the Local Municipality.
Timing	At a minimum , project Proponents must deliver the Pre-Engagement Confirmation Notice no later than 60 days prior to the date of the support confirmation . Proponents have been encouraged to begin their engagement early and advised that more than 60 days might be needed for a community to be able to provide the Indigenous Support Confirmation or Municipal Support Confirmation, as applicable.
Evidenced	Communities will confirm delivery of the notice through the Indigenous Support Confirmation or Municipal Support Confirmation, as applicable .
Sample forms	Sample notices are provided as part of the Prescribed Forms: Evidence of Indigenous Support and Evidence of Municipal Support

Support Confirmations

The requirement for support confirmations will be confirmed through government direction (TBA). Local communities decide whether to issue the support confirmation.

Purpose	Issued by the municipality/Indigenous community and submitted by the project Proponent to the IESO, the support confirmation confirms the community's satisfaction with the community engagement activities undertaken - or that will be undertaken - by the Proponent, and that the Indigenous community/municipality supports the submission of the project to the IESO.
Timing	The IESO recently updated its proposed timing requirements so that both the Indigenous Support Confirmation and the Municipal Support Confirmation must be dated no earlier than [February, 2026] . Initially the IESO had proposed that the MSC be dated no later than [August 21, 2026] ("nomination day"), after further discussions with AMO, the IESO has removed this limitation to recognize that some municipalities may be able to act after this date and would like the ability to do so. Proponent remain responsible for coordinating with municipalities to understand any implications of the 2026 Municipal election.
Evidenced	Communities may use the template provided as part of the prescribed forms or may draft their own support confirmation using the "Guidance" section provided as part of the prescribed forms.
Draft forms	Draft Prescribed Forms: Evidence of Indigenous Support and Municipal Support are available. The IESO intends to publish useable versions on these forms in February/March.

Requirements for Locating on Agricultural Land

Requirements for locating a project on agricultural land will be confirmed through government direction. The IESO anticipates these requirements will be similar to the Long-Term 2 RFP:

Purpose	To protect Ontario's prime farmland, projects will be prohibited from locating in Specialty Crop Areas ; projects intending to locate in Prime Agricultural Area will be subject to an Agricultural Impact Assessment (AIA) consisting of two parts: AIA Components One Requirement and AIA Components Two and Three Requirement.
Timing	AIA Components One Requirement: prior to Proposal submission AIA Components Two and Three Requirement: within 18 months of Contract award
Evidenced	The project Proponent prepares the AIA and the Local Municipality will review the documentation and confirm completion of the requirements to its satisfaction using IESO prescribed forms .
Resources	At this time LT2 RFP resources can be referenced. (ie. LT2 AIA Q&A , OMAFA Guidelines for the LT2 AIA Component One Requirement , and OMAFA Guidelines for the LT2 AIA Components Two and Three Requirement).

Role of Municipalities

PROJECT LOCATION

A. Project sited, in whole or in part, on municipal lands

B. Project sited, in whole or in part, within a municipality, but on Crown lands



C. Project sited in, whole or in part, on municipal lands that are designated as Prime Agricultural Area

OR

D. Project not sited, in whole or in part, on municipal lands

ROLE OF A MUNICIPALITY

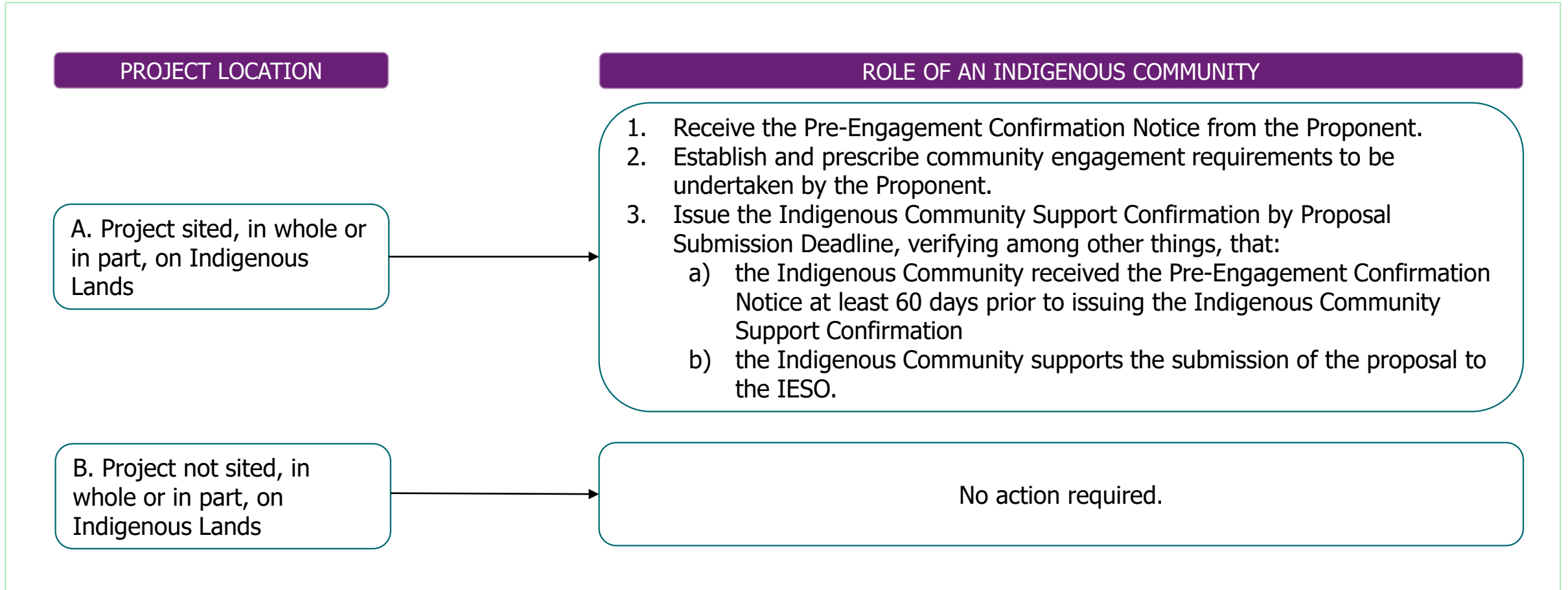
1. Receive the Pre-Engagement Confirmation Notice from the Proponent and verify land-use details of proposed Project Site.
2. Establish and prescribe community engagement requirements to be undertaken by the Proponent.
3. Issue the Municipal Support Confirmation by Proposal Submission Deadline , verifying among other things, that:
 - a) the municipality received the Pre-Engagement Confirmation Notice at least 60 days prior to issuing the Municipal Support Confirmation
 - b) the municipality supports the submission of the proposal to the IESO

c) the AIA Component One Requirement* has been met to the satisfaction of the Local Municipality.

*if the Proponent is awarded an IESO Contract, the municipality will need to provide confirmation that the AIA Component Two and Three requirements have been met

No action required.

Role of Indigenous Communities



List of Organizations

The following organizations play an oversight role to ensure projects are safe and appropriately sited:

Ministry of Environment Conservation and Parks	Provides guidance on environmental approval requirements and enforces compliance with environmental law. For general inquiries, contact: enviropemissions@ontario.ca . For questions related to Renewable Energy Approvals, contact: REaprogramdelivery@ontario.ca
Ministry of Municipal Affairs and Housing	Responsible for the <i>Planning Act</i> , which sets Ontario's land-use planning legislative framework, and the Provincial Policy Statement, which provides province-wide policy direction on land-use interests, contact: PlanningConsultation@ontario.ca
Ministry of Agriculture, Food and Agribusiness	Provides technical guidance on Agricultural Impact Assessments. For general inquiries, contact: ag.info.omafa@ontario.ca
Ministry of Natural Resources	Responsible for managing Ontario's public lands. For general inquiries, contact: MNRFRenewableEnergySupport@ontario.ca



Next Steps

Next Steps

- We'll begin the discussion shortly to hear your insights on today's materials and answer any questions you may have.
- The **IESO invites written feedback by February 13, 2026**. All written feedback should be submitted to engagement@ieso.ca.
- The IESO will continue engaging prior to the release of final Long Lead-Time RFP and contract.
- To stay informed, please subscribe to receive email communications at www.ieso.ca/subscribe.

Thank You

STAY INVOLVED

- ✓ Learn more at www.ieso.ca/learn
- ✓ Subscribe to updates at IESO.ca/subscribe
- ✓ Download the IESO's Municipal Toolkit
- ✓ Join an engagement

CONTACT

- ✓ IndigenousRelations@ieso.ca
- ✓ CommunityEngagement@ieso.ca

FOLLOW

-  [LinkedIn.com/company/IESO](https://www.linkedin.com/company/IESO)
-  [@OntarioIESO](https://www.instagram.com/OntarioIESO)
-  [LinkedIn.com/showcase/SaveOnEnergy-Ontario](https://www.linkedin.com/showcase/SaveOnEnergy-Ontario)
-  [@SaveOnEnergy](https://www.instagram.com/SaveOnEnergy)