



**Peterborough Utilities Inc. and Enfinite
Lily Lake Battery Energy Storage System**

Community & Indigenous Engagement Plan

2023

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1.0 LAND ACKNOWLEDGEMENT

We recognize that the project is located on the traditional territory of the Michi Saagiig and Chippewa Nations, collectively known as the Williams Treaties First Nations, which include Curve Lake, Hiawatha, Alderville, Scugog Island, Rama, Beausoleil, and Georgina Island First Nations.

We respectfully acknowledge that the Williams Treaties First Nations are the stewards and caretakers of these lands and waters in perpetuity, and that they continue to maintain this responsibility to ensure their health and integrity for generations to come.

2.0 INTRODUCTION & BACKGROUND

Peterborough Utilities Inc. (PUI) and Enfinite (Project Team) are proposing the development of a 50 MW Battery Energy Storage System (Energy Storage) project located at 394 Lily Lake Road, Selwyn, Ontario, which hosts the 10 MW Lily Lake Solar Farm owned and operated by PUI since 2011. This project is responding to a growing need to increase capacity to meet future electricity requirements in Ontario.

2.1 Who We Are

[PUI](#) is a local generation company, owned by the City of Peterborough, and are proud to be one of the largest municipally owned generators in Ontario with a strong record of safety and a commitment to our community since 1975. We own and operate a 48 MW portfolio that includes six waterpower facilities, two biogas facilities, the 10 MW Lily Lake Solar Farm and eighteen small scale ground mount and rooftop solar facilities located within Peterborough and neighbouring regions.

[Enfinite](#) is an energy storage solutions company based out of Calgary, Alberta, developing and operating innovative new methods of power generation and storage to support a smooth transition to a net zero power grid. We are the largest battery storage operator in Canada with six operational projects totaling 210 MWh of energy.

3.0 COMMUNICATION APPROACH

One element of responsible decision-making is ensuring that those with a potential interest in a proposal are provided with opportunities to contribute to decision-making and to influence decisions where possible. The purpose of this community and Indigenous engagement plan (Engagement Plan) is to create a meaningful way for us to share project information and to listen to feedback from our neighbours, the municipality, and the Indigenous communities as they consider this project. This Engagement Plan considers requirements set out in the LT1 RFP and the Ministry of Environment Conservation and Parks (MECP) Code of Practice for consultation in Ontario's Environmental Approval (EA) process.

3.1 Engagement Objectives

This Engagement Plan provides an outline of engagement opportunities to all interested stakeholders so that they can receive timely information about the project and understand how they can contribute their thoughts and ideas to the Project Team. The following objectives have been developed for this project:

- Provide opportunities that address the interests and needs of the identified stakeholders
- Provide timely, open, transparent, effective, consistent and proactive communications
- Engage and maintain positive and constructive relationships with those stakeholders who may be impacted by decisions around the project
- Build trust, understanding and support for the project

The principles guiding these objectives will include: respect, clarity, accessibility, mutual responsibility, community values, flexibility and openness.

3.2 Engagement Process

This Engagement Plan outlines the steps the Project Team will undertake to reach out to the communities as part of the LT1 RFP process.

- Identify all interested stakeholders and Indigenous communities to contact
- Prepare and distribute a notice of a public community meeting
- Create a project website to provide information about the project, project contact information and to share notices of the meeting
- Host an in-person community meeting
- Prepare a summary of the meeting, questions received from attendees and the response to those questions. This will be posted on the website.

To date, the Project Team has initiated conversations with some stakeholders and will continue to create opportunities to share project information and to listen to concerns and values expressed by members in the community.

If the Project Team is successful in getting a contract, the Engagement Plan will be updated and used in the "Minor Transmission Facility Class Environmental Approval process (MTF EA).

4.0 PROJECT OVERVIEW

4.1 Reason for the project

The [Independent Electricity System Operator](#) (IESO) has commenced procurement of 4,000 Megawatts (MW) of new power capacity to address future growth in electricity demand and enhance grid reliability as we move towards a clean energy economy.

After more than a decade of strong supply, Ontario is entering a period of emerging electricity system needs, driven by increasing demand, the retirement of the Pickering nuclear plant, the refurbishment of other nuclear generating units, as well as expiring contracts for existing facilities.

To address these needs, The IESO expects to procure 2,518 MW from the Long-Term Request for Proposals (LT1 RFP). The LT1 RFP in addition to the expedited procurement process “the Expedited Process” (E-LT1 RFP) and the Same Technology Upgrade Solicitation, will combine to procure a target of 4,000 MW.

4.2 What is a Battery Energy Storage System?

Energy Storage helps support Ontario’s clean electricity grid by drawing and storing energy when the demand for electricity is low and there is excess generation, and then delivering that energy back to the grid when the demand for electricity is high. Energy Storage will improve the utilization and integration of variable renewable power generation like wind, solar and run-of-the-river waterpower and enhance the reliability of Ontario’s electricity grid.

4.3 Proposed Storage Project

The Project Team is proposing a project capacity of 50 MW delivering 4 hours of continuous power (200 MWh) each business day. The proposed Energy Storage project will be co-located on the existing site of the Lily Lake Solar Farm (owned by PUI) in the Township of Selwyn outside the City of Peterborough, located at 394 Lily Lake Road. The project will consist of installing battery modules and supporting equipment on up to 4 acres as identified in the attached map found in APPENDIX I. The project will connect to the electricity grid at the Dobbin Transformer Station (Dobbin TS) located across the road from the solar farm, minimizing the need to construct new power lines and associated impacts.

4.4 RFP Schedule

The IESO formally began the LT1 RFP in 2023. The schedule noted below may be subject to change as we progress through the RFP process.

- Final LT1 RFP and Contract released- September 28, 2023
- RFP Submission - December 12, 2023
- Contract Award - June 30, 2024

5.0 COMMUNITY & INDIGENOUS ENGAGEMENT

Working with the communities means we communicate regularly throughout the development process to share project information and create opportunities to receive feedback. The goal is a collaborative approach to the development and design process, which will include the following:

- Identifying interested stakeholders for the project
- Preparing a project webpage to share information about the project.
- Communicating with the Williams Treaties First Nations
- Community Open House meetings
- Council meetings

5.1 Identifying Stakeholders

The Project Team has prepared a preliminary list of interested stakeholders in the project, based on our experience with the development of several local renewable generation projects and following the direction of the IESO for the LT1 RFP.

5.1.1 Community Stakeholders

- The Township of Selwyn and the County of Peterborough
- Local neighbours adjacent to the project lands
- Interested members of the public

Written notices for upcoming meetings about the project will be provided to those listed above at least 15 days prior to the meeting event. Notices of these meetings will be also available on our website and through X (Twitter), Facebook and our local newspaper.

Additional contacts from interested members of the public or community organizations will be added to the stakeholder list upon request. This plan is a living document and will be updated throughout the project to consider changes and additions as needed.

5.1.2 Regulatory Stakeholders

Provincial government agencies that have a regulatory mandate or decision-making authority related to the project will be contacted to obtain direction on the required approvals or permits needed for this project.

- Ministry of Energy
- Ministry of Environment, Conservation and Parks
- Ministry of Citizenship and Multiculturalism
- Ministry of Natural Resources and Forestry
- Otonabee Region Conservation Authority

5.1.3 Utility Stakeholders

The Project Team will engage with the following utilities to identify the existing and planned infrastructure on the site and to develop the design to manage potential conflicts. This list may be updated based on further correspondence.

- Hydro One Networks Inc.
- Bell Canada
- Enbridge Gas

5.2 Project Website

PUI has created a dedicated website (www.peterboroughutilities.ca/lilylakebess/) to share information about the project, including notices of meetings and project documents as this information becomes available. The website will include a copy of this plan, as well as common answers to questions about battery energy storage systems.

5.3 Indigenous Engagement

The proposed project is in the Treaty 20 territory signed in 1818 and the Williams Treaties territory signed in 1923 which include the Michi Saagiig of Alderville, Curve Lake, Hiawatha and Mississaugas of Scugog Island, and the Chippewas of Beausoleil, Georgina Island and Rama.

PUI is committed to ongoing engagement with Indigenous communities as the project proceeds through the development process from design to construction and operation. This will be driven by the guiding principles for meaningful consultation set out in the *Curve Lake First Nation Consultation and Accommodation Standards (2016)* and the *Alderville First Nation Consultation Protocol (2015)* which include, but are not limited to:

- Recognition of the First Nation's Traditional Territory.
- Consultations to be undertaken with honesty, transparency and in good faith.
- The principle of reconciliation will govern and guide the consultations and accommodations.
- The consultation process will be reasonable and will ensure that genuine efforts are made by all parties with clear, efficient, and reasonable timelines established.
- Experts, lawyers, or support persons will assist the Consultation process if necessary.
- Engagement in consultations will be done in good faith. Relevant factors and information will be disclosed and there will be no predetermined outcome.
- Consultation will be based on mutual respect with all participants.
- The concerns and views of the First Nation will be accommodated with respect to any impact within Traditional Territory.

- Any impact within Traditional Territory should result in benefits to be shared in with First Nation.
- Any impact to the environment will be evaluated to ensure environmental protection and sustainable development.
- Protection of the traditional heritage includes notification to the First Nation communities resulting from any archaeological findings.
- The process will ensure that natural resources will be protected for future generations.

Notices will be sent to each member community of the Williams Treaties First Nations (which include Curve Lake, Hiawatha, Scugog Island, Alderville, Beausoleil, Georgina Island and Rama) requesting their intention on how to be engaged and consulted throughout the development of this project. We will follow the direction provided and work closely to develop a plan that meets the expectations of each community.

5.4 Community Open House Meeting

The community open house event is an opportunity for all who are interested in the project to learn more about the project and meet the Project Team.

The community meeting will be held October 30th from 6pm to 8pm at the Bridgenorth Community Hall, located at 836 Charles Street in Bridgenorth.

This event will include a question-and-answer period. Responses to the questions asked at the event will be posted on the project website.

If the Project Team is awarded a contract in 2024, there will continue to be ongoing consultation and engagement with the community and the public.

5.5 Municipal Engagement

PUI has met with municipal staff at the Township of Selwyn to gain a better understanding of their concerns and interest in the project. The Project Team will continue to keep Selwyn staff and Council up to date on the project and will formally request a Municipal Support Resolution pending the completion of the other community engagement activities.

5.6 Record of Engagement

It is important to document our communications to the community and the responses we receive as this helps further the development of the project. The questions and answers from the community open house and through direct emails will be made available on our website.

6.0 NEXT STEPS

This engagement plan is a living document which will be updated as needed throughout the project. To request information about the project or to be added to the stakeholder contact list, please contact the Project Team directly:

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APPENDIX I – PROJECT LOCATION MAP



