Fort Frances Solar Project

Public Consultation #1

Lac des Mille Lacs
FIRST NATION



FirstLight

Clean Energy. Clear Path. Common Purpose.

Who We Are

A Canadian leader in renewable energy

100% owned by PSP Investments – one of Canada's largest public pension investors.

- ~250 employees.
- Offices in Montréal and Oshawa.
- 35+ years of experience in Canada developing hydro, wind, and solar energy across Québec and Ontario.
- Collaboration with local and Indigenous communities.









Powering the Future

250+ MW in operation

1+ GW in development in solar, wind, and hydro

Website

Firstlight.Energy

Introducing Caelo Energy

FirstLight Canada is becoming Caelo Energy.

FirstLight has sold its U.S. operating assets to Hull Street Energy, marking a new chapter for our company.

We continue to operate our existing Canadian assets and advance our development portfolio with the same Canadian team and the same commitment to the communities where we work.
PSP Investments remains the sole shareholder of our Canadian business. There has been no change in ownership of our Canadian operations.

As we move forward as Caelo Energy, we will be introducing a new brand and visual identity across our communications, website, and project materials.

Why Caelo?

Our name, Caelo (/ˈkaɐ̯.loː/), is derived from the Latin word caelum, meaning "sky." It reflects the source of the natural elements that power our projects: the sun, the wind, and the water, and our commitment to developing renewable energy that benefits both people and the environment.

Ontario LT2

What is Ontario's LT2?

Powering Ontario's Future with Clean Energy

The Independent Electricity System Operator (IESO) is securing reliable, affordable electricity for Ontario — today and tomorrow.

LT2 (Long-Term 2 Procurement) is a competitive program that brings new clean energy projects online to meet growing demand.



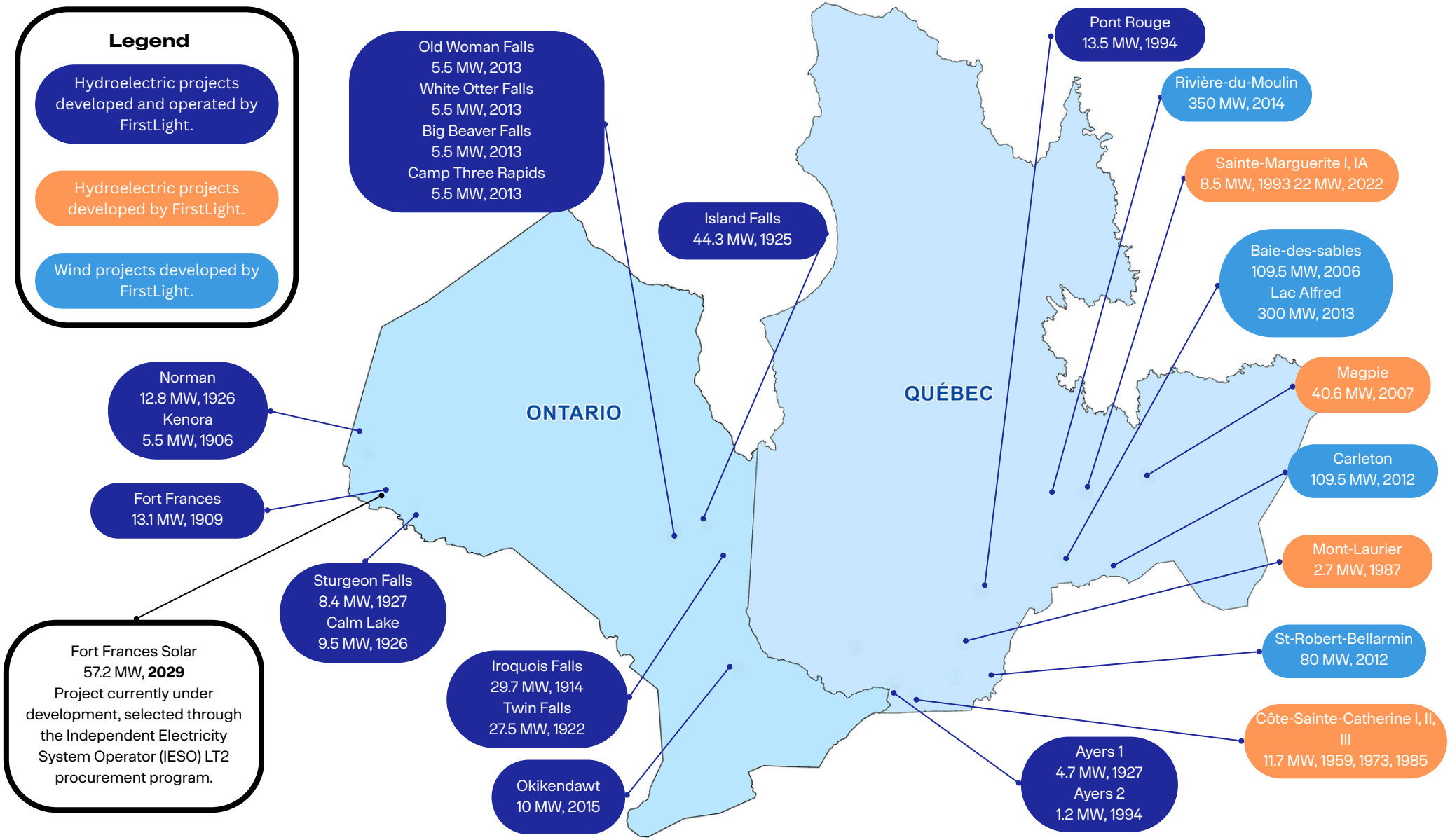
How it Works:

- Energy developers submit proposals.
- Selected projects sign long-term contracts with the IESO to deliver clean electricity and grid reliability across the province.

LT2 has awarded contracts to:

- 1 wind project.
- 12 solar projects, including the Fort Frances Solar Project.
- 3 battery energy storage systems (BESS) projects.

Our Projects



Project Overview

57.2 MW of Clean Energy on 81 Hectares of Land.

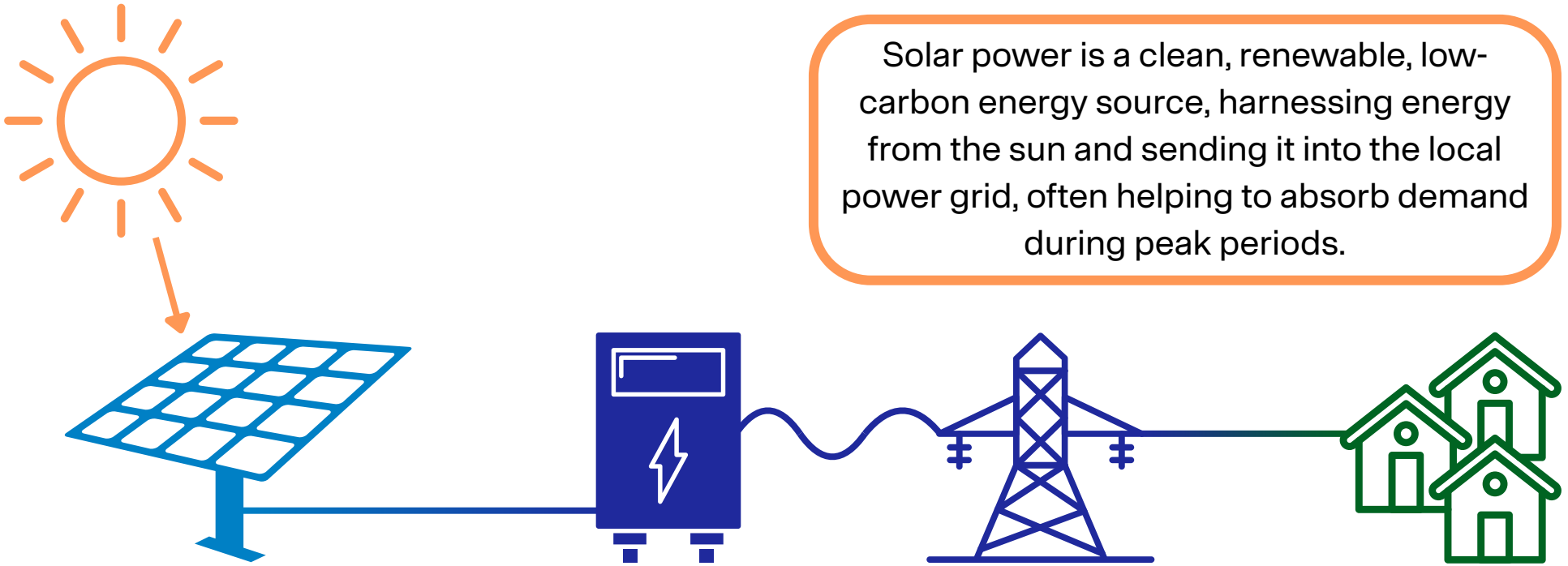
Providing Clean Power for up to 8,000 homes.

Collaboration with Local and Indigenous Communities.



How Does Solar Power Work?

Solar power is a clean, renewable, low-carbon energy source, harnessing energy from the sun and sending it into the local power grid, often helping to absorb demand during peak periods.



1. Sunlight hits the solar panels.
Solar panels capture energy from the sun, generating Direct Current (DC) power.

2. An inverter converts DC to Alternating Current (AC).
AC power is the standard electricity used on the grid.

3. Electricity is delivered to the grid as AC power.
Using new and existing utility infrastructure owned and operated by the Fort Frances Power Corporation.

4. The grid delivers electricity to the community.
Fort Frances and other communities benefit from quiet, clean energy.

Project Benefits

Economic & Job Creation

An estimated 100–120 jobs will be created during construction. Local employment and contracting opportunities will be available throughout construction and afterward for ongoing site maintenance (civil works, electrical, fencing, vegetation, etc.).

Municipal Revenue

Increased property tax contributions to support municipal budgets and community services.

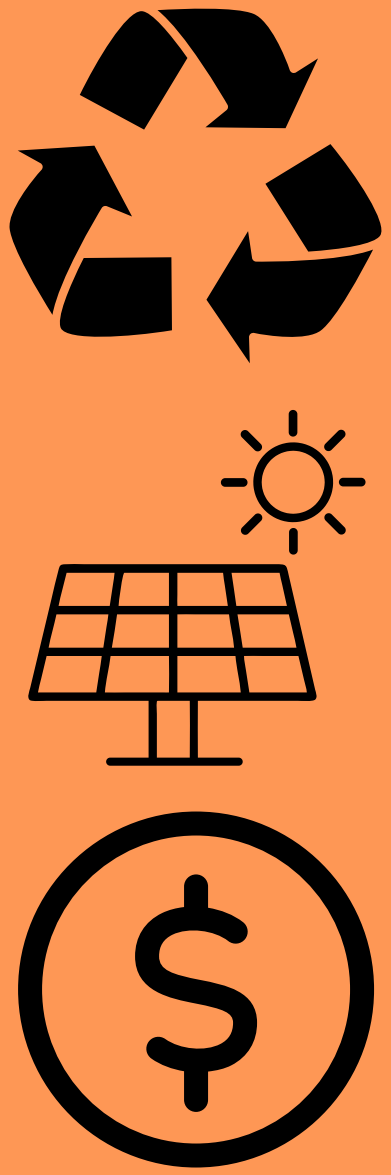
Community Vibrancy Fund

Offering annual contributions to support municipal budgets and local initiatives such as parks, recreation, and community programs throughout the project's lifetime.

Supplying Clean Electricity

The solar project will generate renewable electricity, connecting to the Fort Frances Power Corporation network supplying local Fort Frances residents. Surplus generation will be exported to the Hydro One network, helping supply Ontario's grid for up to 30 years.

Decommissioning Solar



Responsible Decommissioning

At the end of the project's life, most components will be recycled, repurposed, or reused, including:

- Steel racking and structural supports.
- Electrical wiring and equipment.
- Solar panel materials.

Durability of Solar Panels

Modern solar panels are highly durable, hail-resistant, and built to last.

Panels typically include warranties of 20+ years, minimizing the need for early disposal.

- Many of the materials in solar panels can be recycled, including glass, aluminum, steel and electrical components.
- New technologies continue to improve recyclability and reduce waste.

Who Pays for Decommissioning?

The project owner is responsible for safe removal and land restoration.

If ownership changes or the company dissolves, this obligation remains with the project.

Indigenous Partnership

Our Philosophy: Indigenous Partnerships

Indigenous Peoples have a vital presence and deep connection to the lands where FirstLight operates. Our approach is grounded in respect, collaboration, inclusion, and long-term mutual benefit. We work alongside Indigenous communities to plan and deliver projects responsibly, while creating meaningful opportunities for participation and economic development.

Our Partnership

The project is 50% owned by FirstLight and 50% owned by Lac des Mille Lacs First Nation. This equal partnership enables both partners to share directly in the revenues generated by the project throughout its operating life, creating a long-term foundation for economic participation and shared prosperity.

Lac des Mille Lacs First Nation

Lac des Mille Lacs First Nation is an Anishinaabe Nation located within the Treaty 3 territory in Northwestern Ontario. Lac des Mille Lacs First Nation holds two primary reserve land parcels: Lac des Mille Lacs 22A1 and Lac des Mille Lacs 22A2, which are respectively located approximately 130km and 150km west of Thunder Bay.

Supporting Ontario's Energy Future

This approach aligns with the objectives of the Independent Electricity System Operator (IESO) Long-Term 2 (LT2) procurement, which encourages meaningful Indigenous participation in energy projects, contributing to a sustainable future for all Ontarians.

Project Timeline 1/2

May – September 2025
Open house, community engagement & municipal Support.

April 2026
Notification from the IESO of successful projects.

June 2026
Start of environmental studies.

September 2026
First Public meeting and consultation with stakeholders.

Pre-Development

Consultation

Engineering/Environmental Analysis

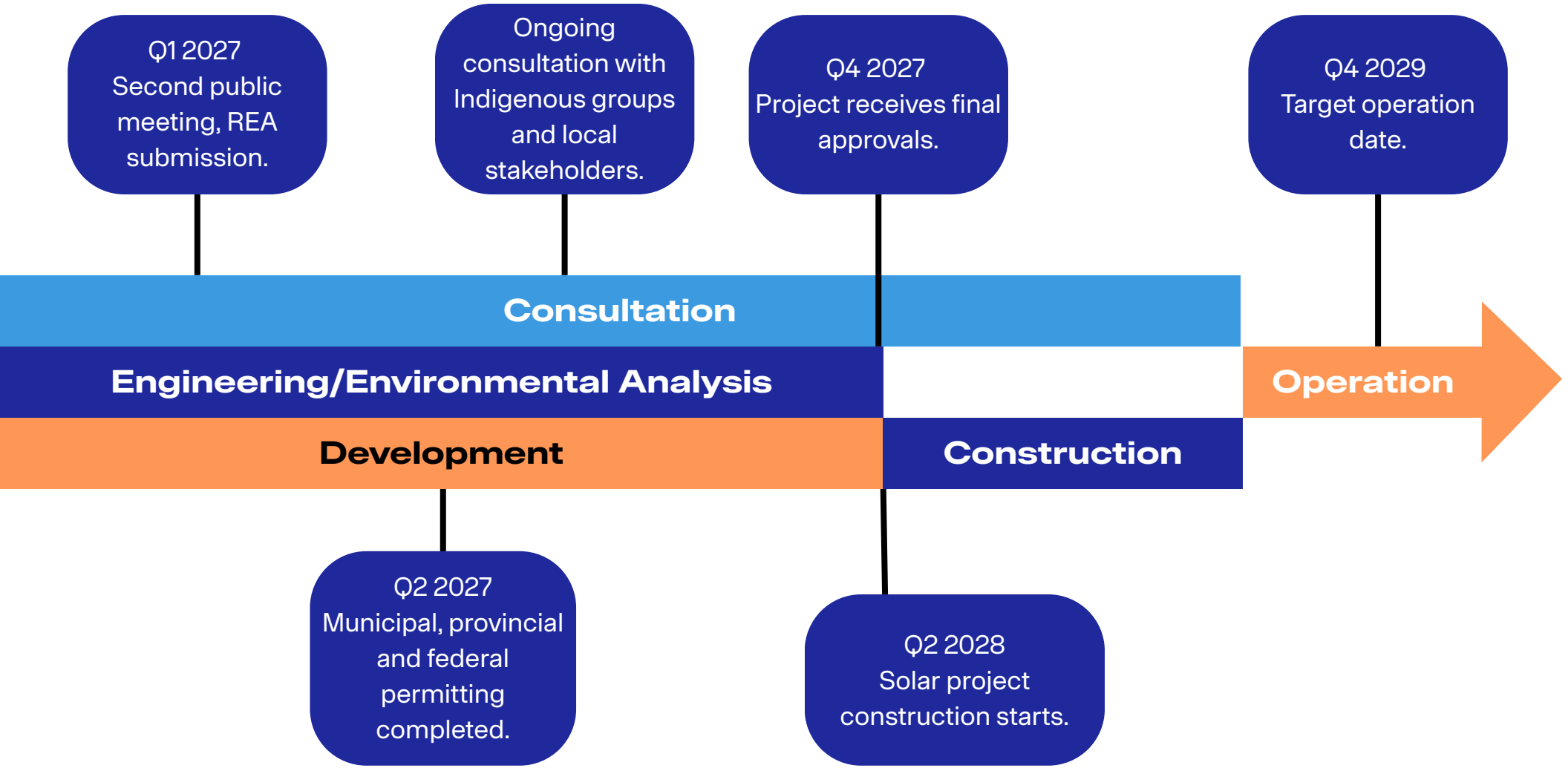
Development

October 2025
Project bid submission to the Independent Electricity System Operator (IESO).

May 2026
Detailed engineering starts.

July 2026: Start of municipal/provincial/ federal permitting.

Project Timeline 2/2



Noise

Acoustic Regulations

The project must comply with Provincial noise limits. Acoustic modelling will be carried out to confirm that noise emissions comply with these limits at neighbouring residences and noise-sensitive locations.



Mitigation Measures

Noise-generating equipment will be appropriately located and designed to meet applicable provincial noise limits at nearby homes and other sensitive locations. Noise modelling will be completed to confirm compliance.



Environment & Wildlife

Environmental Studies

Ecological Land Classification (ELC), wetland assessments, and water body assessments have been completed within the project location and adjacent lands to identify and minimize impacts to natural features.

Field studies have been conducted to identify Significant Wildlife Habitats and habitat for Species at Risk within the project location and adjacent lands, including amphibian call surveys, snake and turtle surveys, breeding bird surveys, and acoustic bat monitoring.

Wildlife Protection

A bald eagle nest was identified within the vicinity of the project location during site investigations. A 300m setback from the nest and appropriate construction mitigation measures will be applied to minimize impacts to bald eagles during key nesting periods.

The project location has been sited to avoid natural features, including woodlands and wetlands, to the extent possible to minimize impacts to wildlife and wildlife habitat.

The project will follow Best Management Practices (BMPs), including those from Environment and Climate Change Canada, to protect wildlife such as birds, bats, and amphibians during both construction and operation phases.

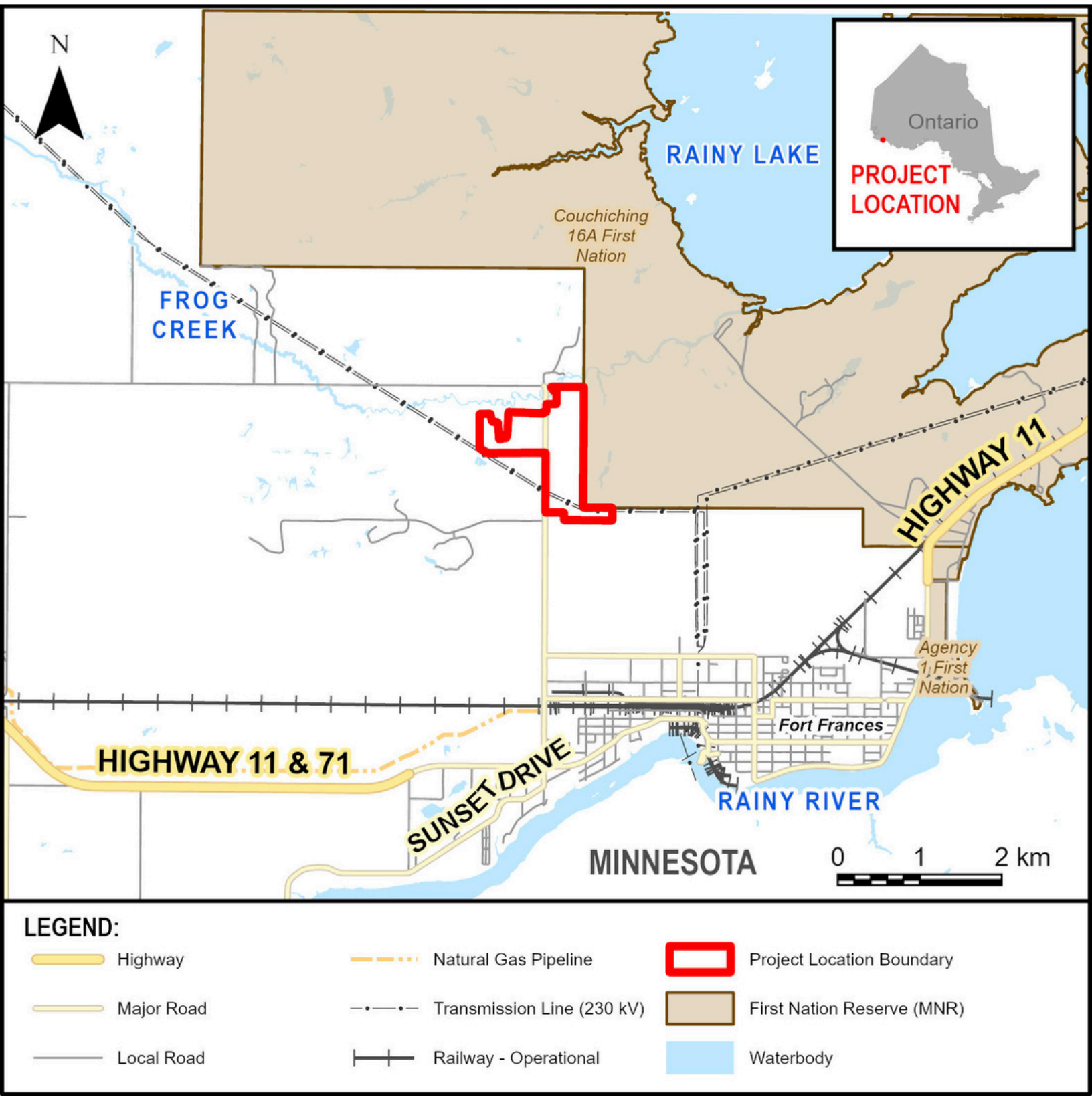
FirstLight in the Community

FirstLight has been an active member of the Fort Frances community since 2007, when H2O Power established operations at the Fort Frances Generating Station. Following FirstLight's acquisition and integration of H2O Power, FirstLight remains committed to building on this longstanding relationship and contributing to the community's continued economic and social well-being.

FirstLight recognizes the importance of investing in the next generation of local talent. The Jim Gartshore Award, established in memory of Jim Gartshore, a Fort Frances native and pioneering leader in the development of H2O Power, provides financial support to graduating high school students pursuing post-secondary education in STEM-related fields.

As part of its commitment to the Fort Frances community, FirstLight will establish a Community Vibrancy Fund in connection with the Fort Frances Solar project. The fund will provide financial support to local community organizations and initiatives that enhance services, create new opportunities, and contribute to the overall quality of life in the Fort Frances area. The fund will be active for the duration of the IESO 20-year contract.

Project Area Map



Detailed Site Map

