

WOODVILLE

POWER RESERVE



Project Information Package

NEOEN



Neoen is the leading French Independent Power Producer developing, financing, constructing and operating renewable energy power plants. Neoen is a long-term owner-operator, specializing in wind, solar and energy storage, with an experienced staff of 360 employees and a presence in 17 countries worldwide. As of today, Neoen has 8.2 GW of assets under operation and/or late-stage construction. In April 2023, Neoen started the construction of the Fox Coulee Project (75MWac / 93MWp), its first project in Starland County, Alberta.

GLOBALLY

The company is headquartered in Paris, France, and has two Canadian offices in Toronto and Calgary. We operate across renewable energy technologies including solar, wind, and storage in Europe, the Americas, Africa, and Australia. Neoen's total capacity in operation and under construction is over 8 GW and we are aiming for 10 GW by the end of 2030.



LOCALLY

Neoen started its activity in Canada in 2022 and has a current active presence in 3 provinces with offices in Calgary and Toronto. In Ontario, Neoen has been awarded a 20-year capacity contract by the IESO for a 400 MW BESS project and is also developing a large portfolio of solar, wind and BESS projects for future IESO procurements. In Calgary, Neoen has an operating solar farm of 93 MWdc and is developing a large portfolio of solar and BESS projects. We are also developing a portfolio of projects in Saskatchewan as well for future SaskPower procurements and other opportunities.



Woodville Power Reserve Community Open House

Join us to learn more about the project, ask questions, and share your feedback.

- **Date:** Wednesday, October 22, 2025
- **Time:** 4:00 – 8:00 PM
- **Location:** Woodville Town Hall [100A King St, Woodville, ON K0M 2T0]

PROJECT OVERVIEW

Neoen Renewables Canada Inc. (Neoen), in partnership with the Williams Treaty First Nations (WTFN), is proposing to develop a 70-megawatt (MW), 8-hour duration battery energy storage system (BESS), known as the Woodville Power Reserve, located on privately-owned lands in Woodville, Municipality of Kawartha Lakes.

The Project is being developed under the Independent Electricity System Operator's (IESO) second Long-Term Request for Proposals (LTS RFP) power procurement, in response to Ontario's directive to strengthen the province's electricity system. The IESO forecasts that energy demand will increase by 75 per cent by 2050, the equivalent of adding four and a half cities the size of Toronto to the grid.

The Project will bring investment and local benefits, including employment, lease payments and capital spending in the local economy.



LT2 RFP (REQUEST FOR PROPOSAL)

In December 2024, the IESO announced the launch of its second series of Long-Term Request for Proposal (LT2 RFP) energy procurement process to identify eligible proponents to develop, own, and operate solar photovoltaic (PV) generation facilities and energy storage projects. The LT2 RFP seeks to secure up to 14 terawatt-hours (TWh) of energy and 1,600 megawatts (MW) of capacity. As part of the IESO's broader Resource Adequacy Framework, this initiative aims to ensure a reliable electricity supply that supports Ontario's power grid planning through the 2030s and beyond. Local Distribution Companies (LDCs) or other wholesale buyers will purchase the power generated from these facilities through long-term Power Purchase Agreements (PPAs).

A "multi-pronged" competitive procurement process is being led by the IESO, marked by early community engagement that incorporates feedback from prospective market participants, resource developers, municipalities, and Indigenous communities. The process also involves environmental permitting and requires a Municipal Support Resolution (MSR) from willing municipalities to host the projects. Successful proponents are expected to sign a 20-year Power Purchase Agreement with the IESO. Independent Power Producers (IPPs) will be responsible for obtaining all necessary permits and approvals for the development, construction, and operation of the facility.



OUR PARTNERS



About the Hiawatha First Nation and Mississaugas of Scugog Island First Nation

The Williams Treaties Power Alliance is a partnership among Hiawatha First Nation, Mississaugas of Scugog Island First Nation (MSIFN), and other participating Williams Treaties First Nations. Together, the Alliance is co-owning and developing the Woodville Energy Storage Project in partnership with Neoen.

At the direction of the participating First Nations, Neoen is working with Zhaabaskatoon and Minogi Corporation to support the establishment of the partnership. Through this alliance, participating Nations will hold equity in the Project and benefit from dividends, employment, training, and other opportunities throughout the 20-year contract with the Independent Electricity System Operator (IESO).

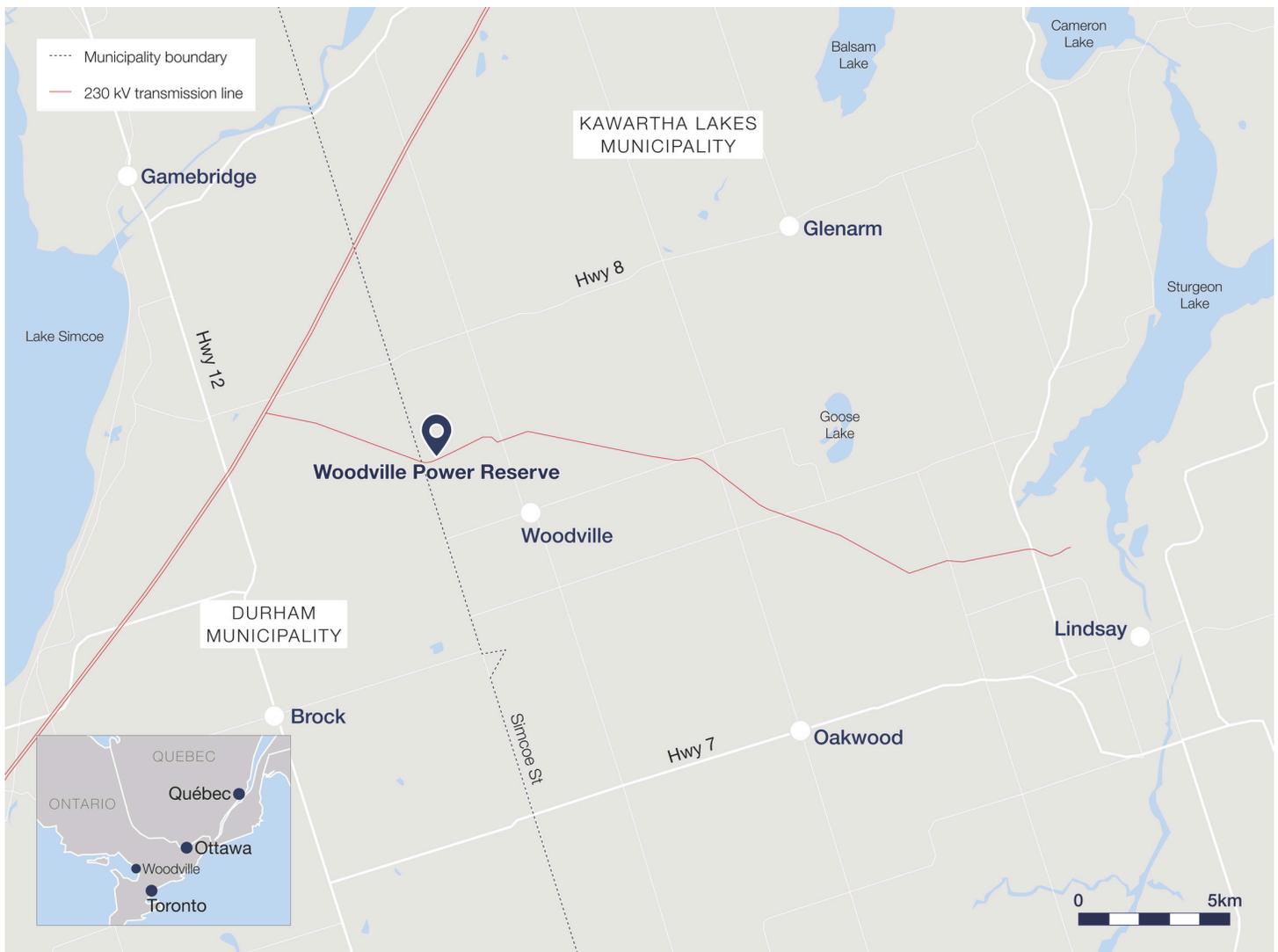
Neoen is committed to maximizing Indigenous employment and supplier opportunities through the life of the Mino Giizis Solar Energy Facility Project.

Interested in learning more? Contact **Eva** at eva.tsai@neoen.com

PROJECT LOCATION



The proposed Project is located in Woodville, home to, and the traditional lands of many Indigenous nations. The Project site is approximately 3 km north-west of Woodville towncentre.



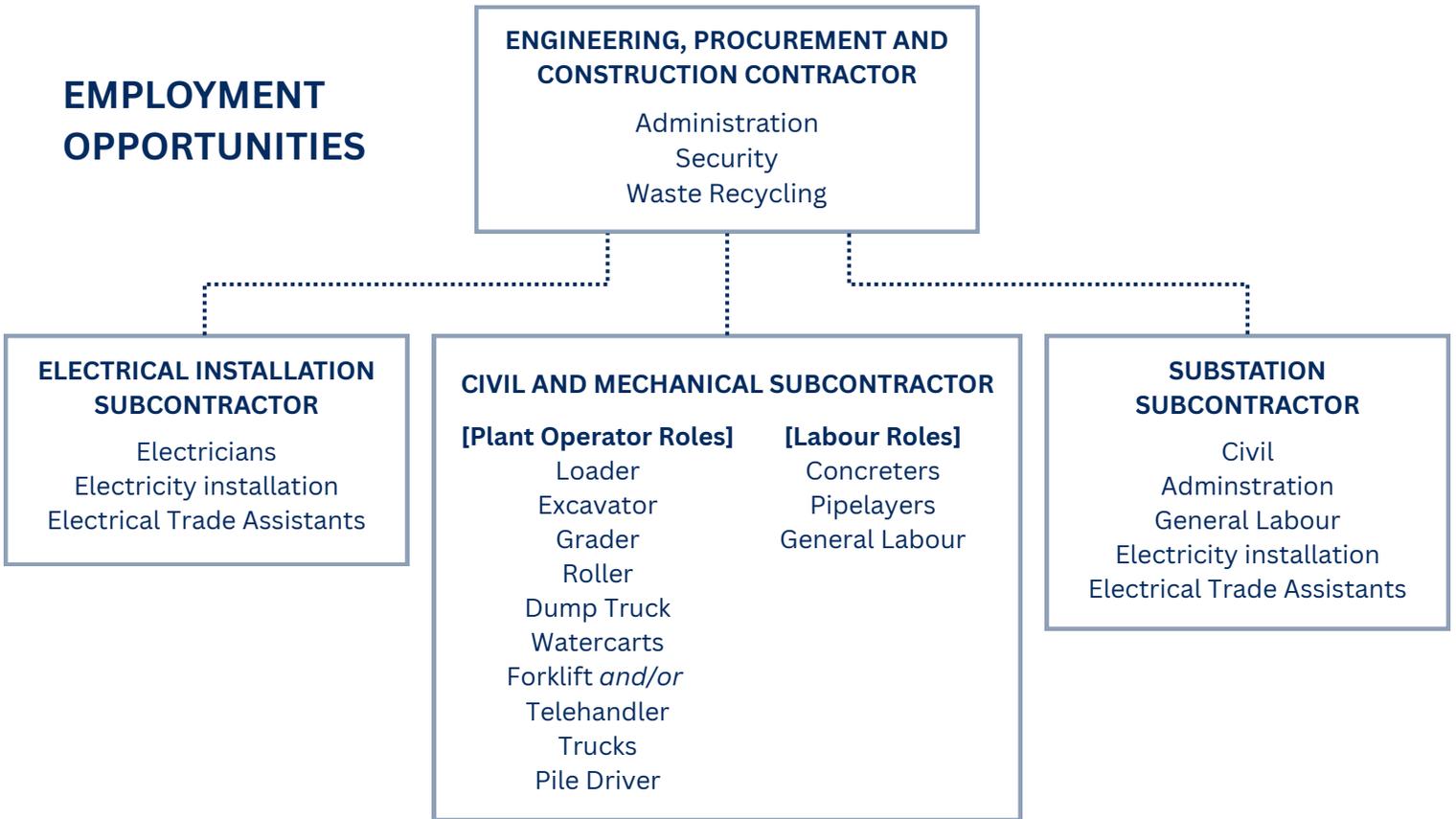
PROJECT BENEFITS

- **Local Employment:** The Project aims to maximise local and Indigenous employment during construction. The Project will create up to 200 full-time jobs during peak construction, creating opportunities for local and First Nations individuals and businesses.
- **Local Economic Boost:** Local businesses will experience increased activity due to the spin-off opportunities created by the Project during development, construction, and operations.
- **Property Taxes:** The Project will pay annual property taxes to the Rural Municipality, resulting in financial benefits to the community.
- **Clean Energy Generation:** The project will deliver enough emissions-free electricity to power approximately 67,000 Ontario households for 8 hours.



Neoen is committed to making a positive social impact for the communities in which we work. We strive to be a good neighbour, and work closely with the community to identify areas of opportunity and concern. We are committed to Indigenous participation in the Project. Our community engagement will continue throughout the Project phases, including construction and operation.

POTENTIAL EMPLOYMENT AND SUPPLIER OPPORTUNITIES



SUPPLIER OPPORTUNITIES

Good and services we expect to be procured with a planned start date of **Q1 2027**.

Cleaners	Material Testing	Water (Construction)
Computer	Small Equipment Hire	Septic Pump Out Services
Concreters	Food and Catering Service Freight	Fencing and Gates
Fuel	Mechanical Fitter/Maintenance	Earthworks Plant
Accommodation	Safety Products (Local)	(Wet and Dry Hire)
Quarry Products	Transport (Minor)	Operation & Maintenance
Network Support	Waste Management (Solid)	Facility Construction
Concrete Supply	Waste Management (Liquid)	Welding & Engineering Fabrication
Crane (Minor Lifts)	Water (Potable)	(Site Services)



People interested in working on the project can register at the local band office or email **Eva Tsai** at eva.tsai@neoen.com.

Hiring fairs and outreaches will take place during the pre-construction period to identify interested persons.

PROJECT INFRASTRUCTURE

BATTERY CONTAINERS

Woodville Power Reserve utilises Tesla's Powerpack lithium-ion units to store and dispatch energy efficiently. As one of Tesla's largest battery installations, it demonstrates the scalability of Powerpack technology, which has been proven globally and rigorously tested through millions of operational hours in Tesla vehicles. The battery packs are housed in custom-designed, dust- and waterproof galvanized steel cabinets, typically white or light-colored to support heat management. Each cabinet features its own internet-connected thermal management system. The energy storage system captures electricity— often from renewable sources or off-peak generation— and stores it as chemical energy within the battery cells. This energy is then discharged during peak demand periods to stabilize supply, improve grid reliability, and reduce reliance on carbon-intensive power plants. Lithium-iron phosphate (LFP) batteries are increasingly favored for their high thermal stability, long lifecycle, and enhanced energy capacity. Their rapid charge-discharge capability, environmental friendliness, and recyclability at end-of-life align with Ontario's goals to lower greenhouse gas (GHG) emissions and support a sustainable energy future.

GROUND MOUNTING SYSTEMS

The battery enclosures will be installed on reinforced concrete pads to ensure stability, durability, and protection from environmental conditions. These ground-mounted systems are designed to support the weight of the battery cabinets and associated electrical equipment, while also facilitating safe access for maintenance and thermal management. Proper spacing and layout will optimize airflow and system performance, contributing to the overall reliability and efficiency of the energy storage installation.

INVERTER/TRANSFORMER STATIONS

Inverters and transformers play a critical role in the energy conversion process for the Project. Inverters, typically housed in galvanized steel enclosures—either as a single 20-foot container or multiple outdoor cabinets mounted on concrete slabs— are responsible for converting direct current (DC) electricity into alternating current (AC), which is compatible with the grid. Transformers, on the other hand, adjust the voltage of electricity, either stepping it up or down as needed for efficient transmission and distribution. Together, these components form inverter/ transformer stations that will be used to convert stored DC electricity into usable AC power during discharge, ensuring seamless integration with Ontario's electrical infrastructure.

INTERCONNECTION

The Project will interconnect to Ontario's electrical grid through the Independent Electricity System Operator's (IESO) existing 230-kilovolt (kV) transmission line (M81B). IESO will be responsible for any required interconnection facilities.

OTHER INFRASTRUCTURE

[If any]

PROJECT STUDIES

Environment

The Project is being designed to avoid permanent impacts to grasslands and to minimize impacts to wetlands, sensitive species, the environment and heritage resources. We are developing the project in full compliance with the requirements of the Ministry of the Environment, Conservation and Parks (MECP), Ministry of Energy and Mines (MEM), and the Lake Simcoe Region Conservation Authority (LSRCA).

Neoen is completing seasonal environmental field surveys:

- **Wildlife** (birds, bats, sensitive species)
- **Vegetation** (habitat mapping and native grasslands)
- **Wetlands** (mapping and delineation)



Initial desktop screening indicates that the proposed Project area is favorable for energy storage development and is not heritage sensitive. Results of all environmental studies are being used to design the project layout to avoid or minimize impacts to the environment. They will also be used to engage with the MECP, MEM, and LSRCA and for the Project permitting process.



PROJECT SCHEDULE

Notification to Landowners and Indigenous Nations
October 2025

Community Open House
October 2025

Permitting
Fall 2026

Construction Commencement
Target Spring 2028

Commercial Operations
Target Winter 2030



Woodville Power Reserve Community Open House

Join us for a **Community Open House** to learn more about the **Woodville Power Reserve**, ask questions, and provide feedback.

This is a drop-in event. Light refreshments will be available.

Date: **Wednesday, October 22, 2025**

Time: **4:00 - 8:00 PM**

Location: **Woodville Town Hall**
(100A King St, Woodville, ON, K0M 2T0)

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POWER RESERVE



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