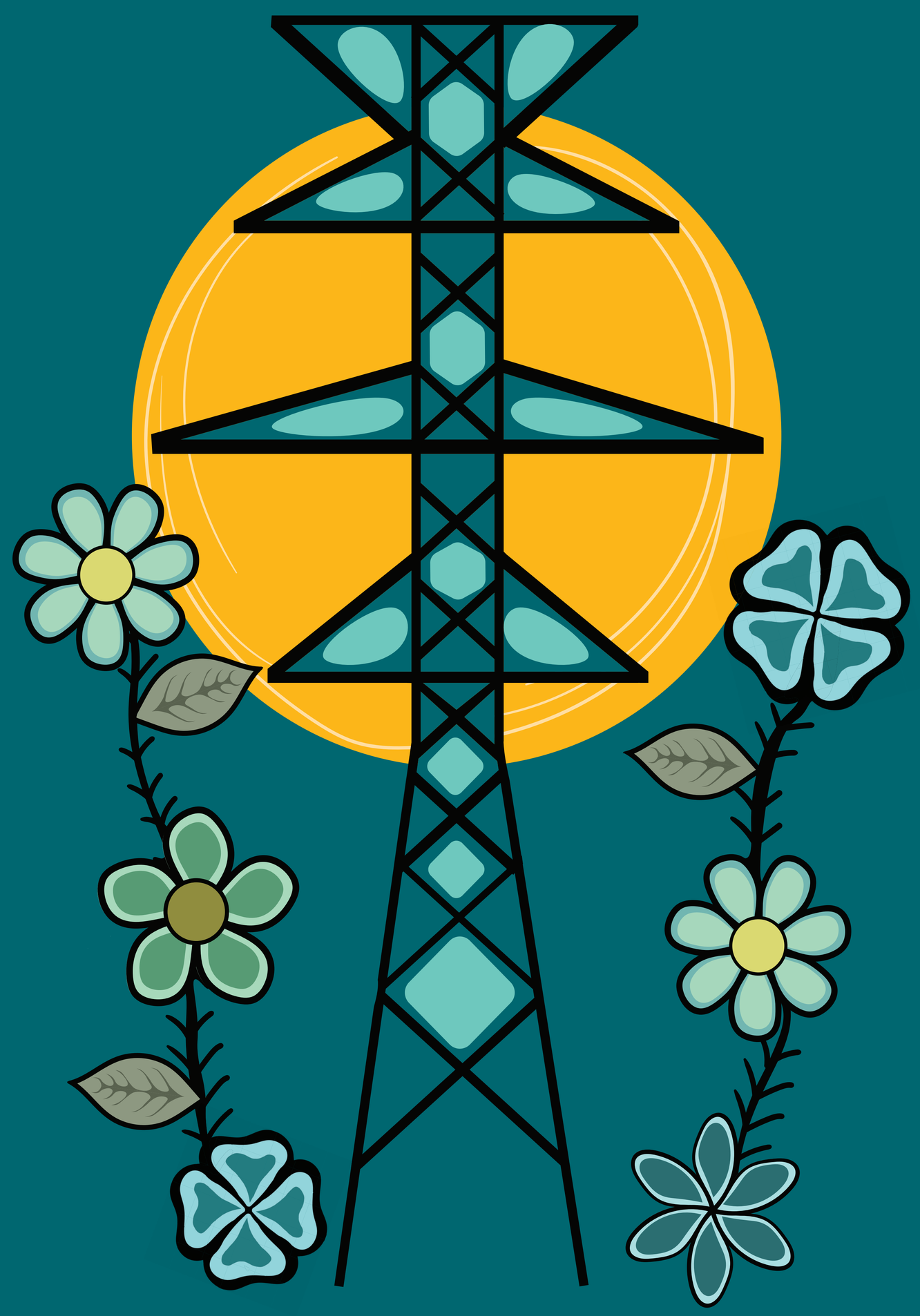
hydro one

Connecting power and possibility™

Welcome

Greenstone Transmission Line

June 2026



AROLAND FIRST NATION

Bingwi Neyaashi Anishinaabek

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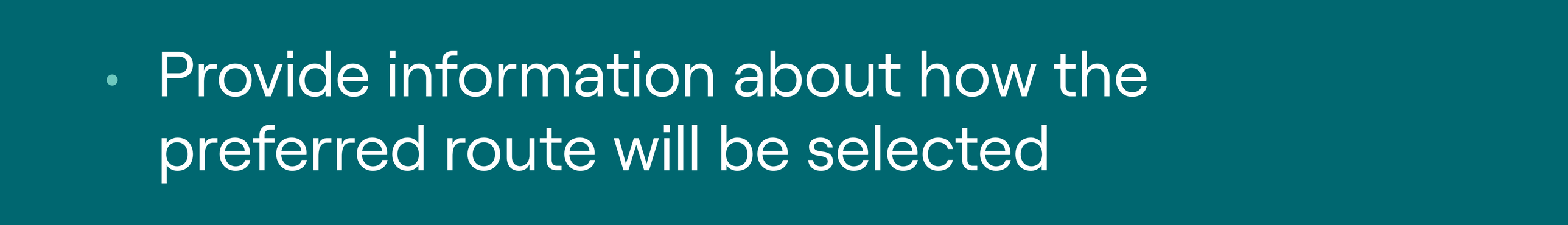
We're here to:

- Introduce the proposed Greenstone Transmission Line project
- Share what's involved in project planning
- Explain the Class Environmental Assessment process
- Present the proposed route and route alternatives being assessed
- Provide information about how the preferred route will be selected
- Listen to feedback and answer questions



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Key organizations

Builds, owns, operates and maintains electricity transmission and distribution facilities across Ontario.

We build infrastructure to meet the energy needs of today and tomorrow with a number of partners, including:

Connecting Today. Powering Tomorrow.

Oversees planning to ensure electricity needs are met both now and in the future.

ONTARIO ENERGY BOARD

Regulates the electricity market in Ontario, including electricity rates.

Ministry of the Environment, Conservation and Parks

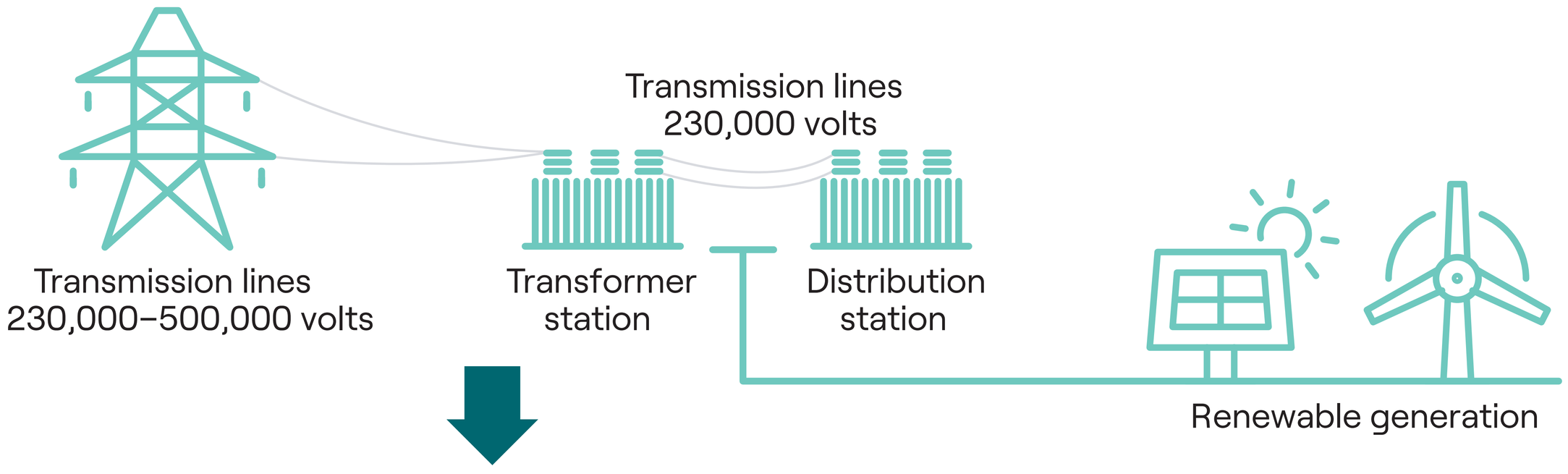
Legislative authority for environmental assessments in Ontario.

Getting power to you

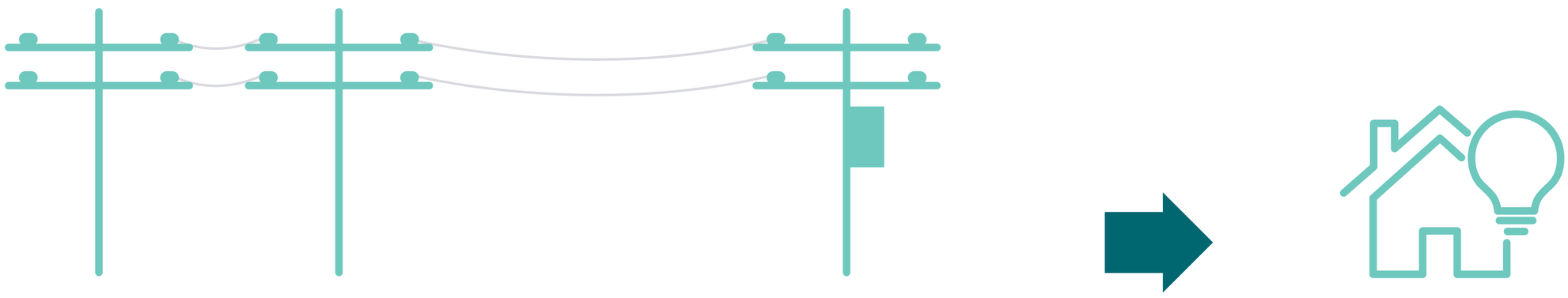
Hydro One brings power to homes and businesses through the construction and operation of electrical infrastructure.

Ontario Power Generation and private generation companies

Hydro One or licensed transmitter



Hydro One or local distribution company

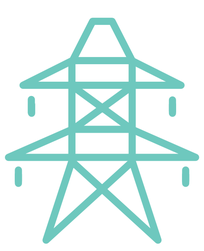


Project need

Electricity demand in Ontario is increasing. To meet this need, Hydro One, in collaboration with Waaskoneh Yaabik, will develop and build the proposed Greenstone Transmission Line.

Once built, the Greenstone Transmission Line will:

Enable economic growth in the region



Support reliability and reinforce the backbone of the electricity grid

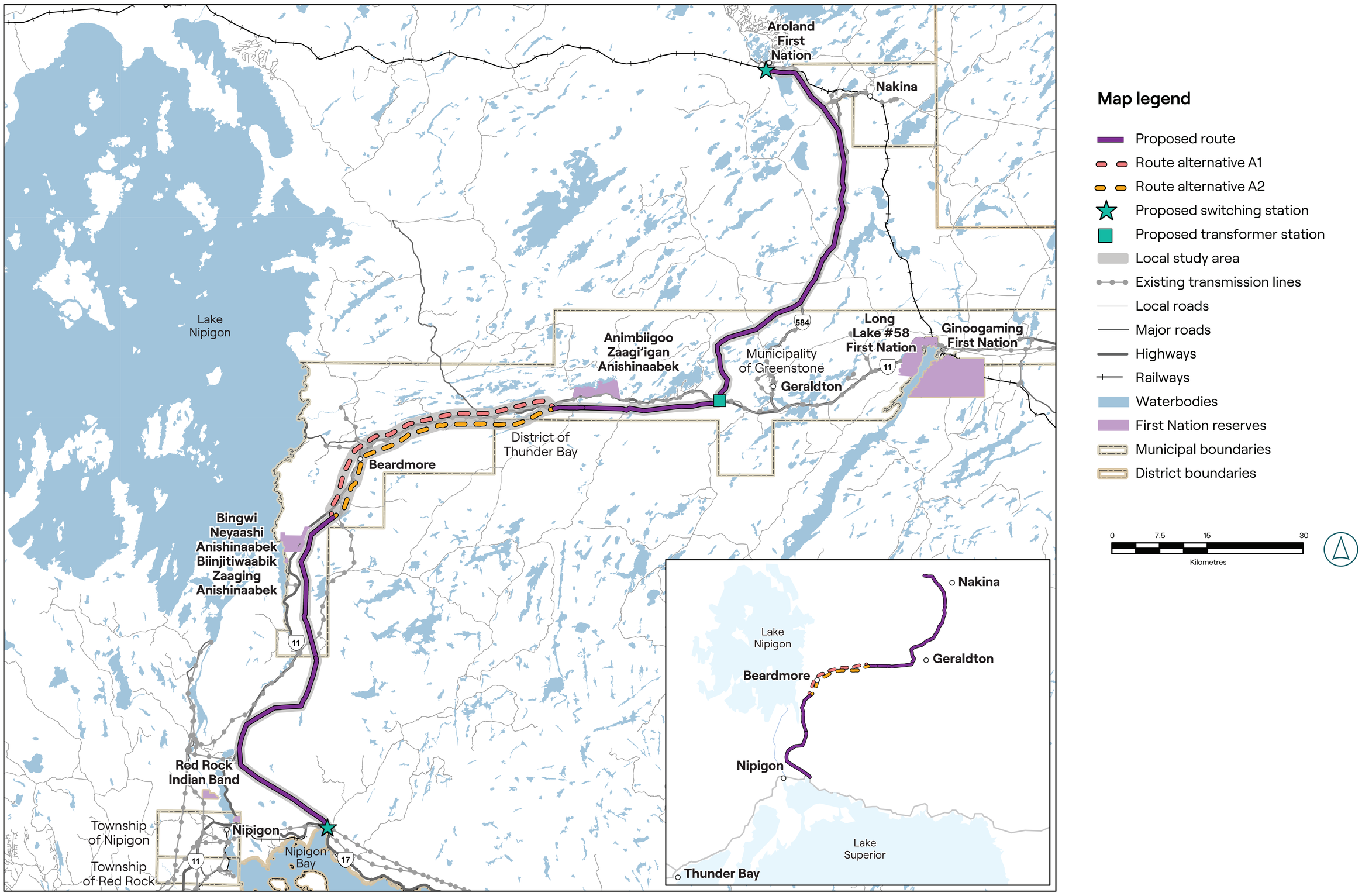
Create capacity-building and partnership opportunities with Indigenous communities

Contribute to the purchase of locally produced goods and services

Greenstone Transmission Line

The Greenstone Transmission Line project is a proposed new single-circuit, 230-kilovolt transmission line that will be designed to accommodate a future second circuit. It also includes a transformer station near Geraldton and two future switching stations near Nipigon Bay and Aroland First Nation. The project is located in the traditional territories of the Anishinaabe, signatory to the Robinson Superior Treaty (1850) and James Bay Treaty (Treaty No.9), and traverses Métis Nation of Ontario Region 2, home to the Northern Lake Superior Métis community.

The proposed route and the route alternatives will be evaluated to identify a preferred route that best balances criteria for the natural environment; socio-economic considerations; Indigenous culture, values and land use; and technical and cost.



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The environmental assessment

Ongoing engagement

Steps of a Class Environmental Assessment

- Identify the proposed route and route alternatives
- Seek feedback from Indigenous communities, the public, municipalities, interest groups and government agencies

We're here

- Collect environmental information
- Assess, refine and evaluate the proposed route and route alternatives
- Identify a preferred route
- Identify potential project effects and mitigation measures
- Prepare a draft Environmental Study Report that will be made available for comment
- Submit the final Environmental Study Report to the Ministry of the Environment, Conservation and Parks

For more information, see **HydroOne.com/ClassEA**

How the proposed route and route alternatives were identified

Here are some examples of local considerations, data and feedback that helped identify the proposed route and route alternatives:

Environmental features, including wetlands, provincial parks, conservation reserves, waterbodies and species at risk

Preliminary feedback from Indigenous communities about Indigenous culture, values and land use

Technical considerations, including existing infrastructure like roads, railways and existing power lines

Socio-economic considerations, including residences and built up areas

How the route alternatives are assessed

We will assess the proposed route and route alternatives based on the data we gather from field studies, the feedback we receive and how they perform in the following categories:

Category	Examples
Natural environment	• Wetlands and waterbodies • Fish and fish habitat • Wildlife and wildlife habitat • Species at risk • Conservation reserves
Socio-economic environment	• Commercial and industrial facilities • Mining operations • Residential properties and land use • Tourism and recreation operations
Indigenous culture, values and land use	• Areas of known Indigenous cultural significance • Traditional land use areas • Values identified from Indigenous knowledge
Technical considerations	• Opportunities to parallel existing linear infrastructure • Reducing the number of angles • Crossing of physical features like rivers, lakes, buildings and/or steep terrain features • Real estate and land rights considerations • Construction complexity

How the proposed route and route alternatives are evaluated

Below are examples of different ways we will continue to learn more about the proposed route and route alternatives.

- Host engagement opportunities to learn from communities
- Collect field data from environmental surveys (i.e., map species at risk, breeding bird and fish habitat)
- Complete field surveys that characterize and describe natural environment communities (i.e., woodlands, wetlands)
- Use data from existing reports, plans, maps, aerial photographs and other sources
- Assess for areas of archaeological importance and cultural heritage significance

What we learn from these studies will help us identify a preferred route that balances all the elements we must consider.

Working with property owners

We want to work collaboratively with directly impacted property owners.

Your choice

You may have choices between providing Hydro One easements or full ownership of the lands required to build the project

Independent valuation

Offers are based on site-specific reports from independent third-party appraisers

Incentives

We offer incentives to work with us towards a voluntary settlement

Construction

Property owners will be reimbursed for project-related losses

Working with Indigenous communities

Hydro One and seven First Nations are partnered to build this project through Hydro One's industry leading First Nation Equity Partnership Model.

The model provides the opportunity for First Nations to participate in project development and to invest in a 50 per cent equity stake in the transmission line component of the project.

We value the rights, interests and perspectives of Indigenous communities and will continue to work in collaboration to build the project.

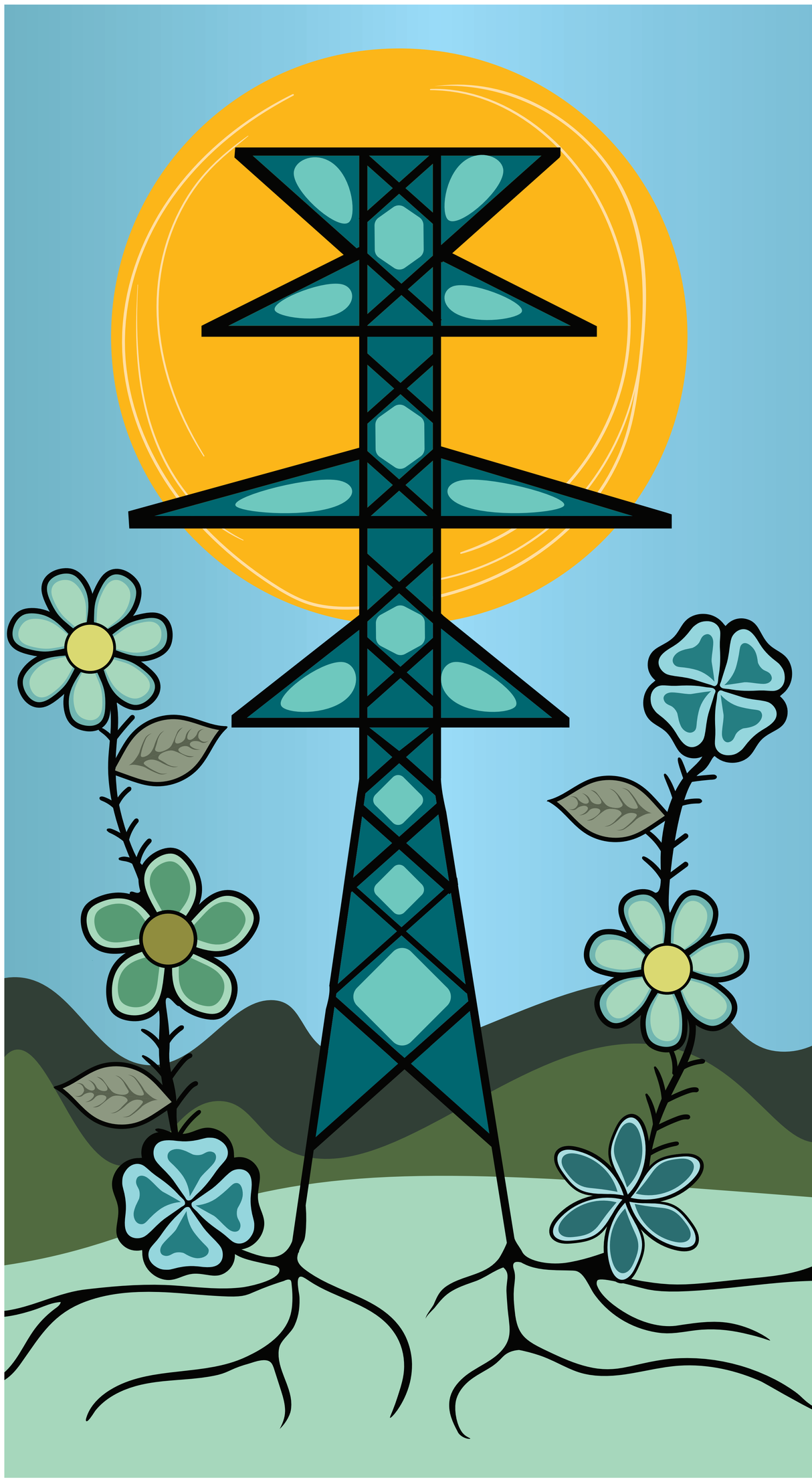

Illustration by Storm Angeconeb

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Anticipated project schedule

June 2026
Start of the Class Environmental Assessment and community engagement

Summer 2026
Ongoing environmental studies, community engagement and info gathering to support the route evaluation

Spring 2027
Preferred route identified and continued community engagement

Summer 2027
Public comment period for the draft Environmental Study Report

Fall 2027
Submission of the final Environmental Study Report and completion of the Class Environmental Assessment

2028
Permitting and approvals

2029
Construction start

2032
New transmission line is in-service and construction is completed

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Thank you

To provide comments or be added to the project contact list, contact us at:

1-877-345-6799

Community.Relations@HydroOne.com

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