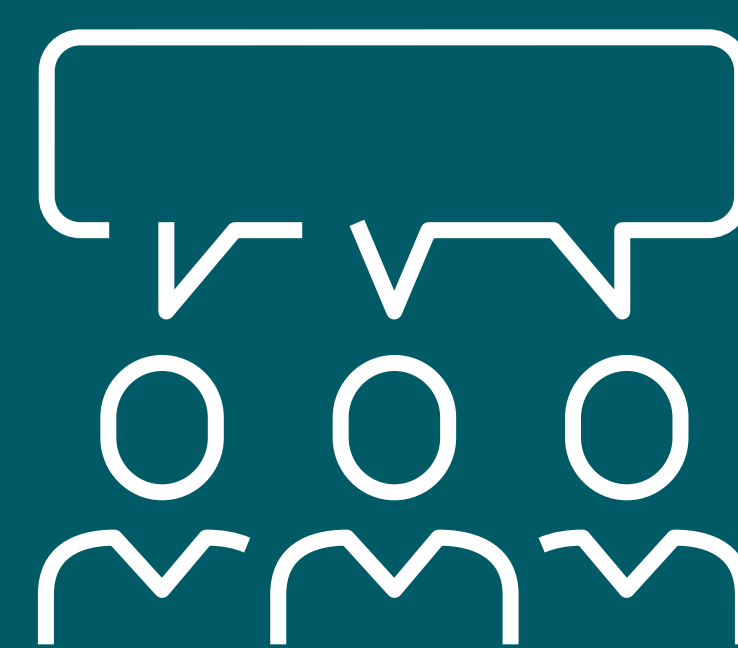
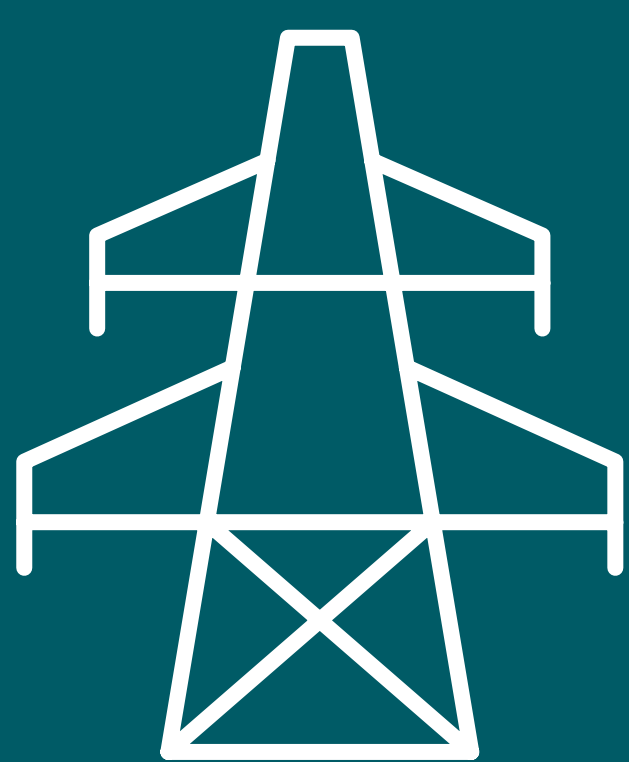


Welcome

Sudbury Barrie Transmission Line project

Community open house 2
Summer 2026



We're here to:

- Provide an overview of the Sudbury Barrie Transmission Line project
- Present the new focused study area
- Discuss the Class Environmental Assessment (EA) process
- Share details about routing considerations
- Share anticipated project timelines
- Gather feedback and answer questions



Key organizations

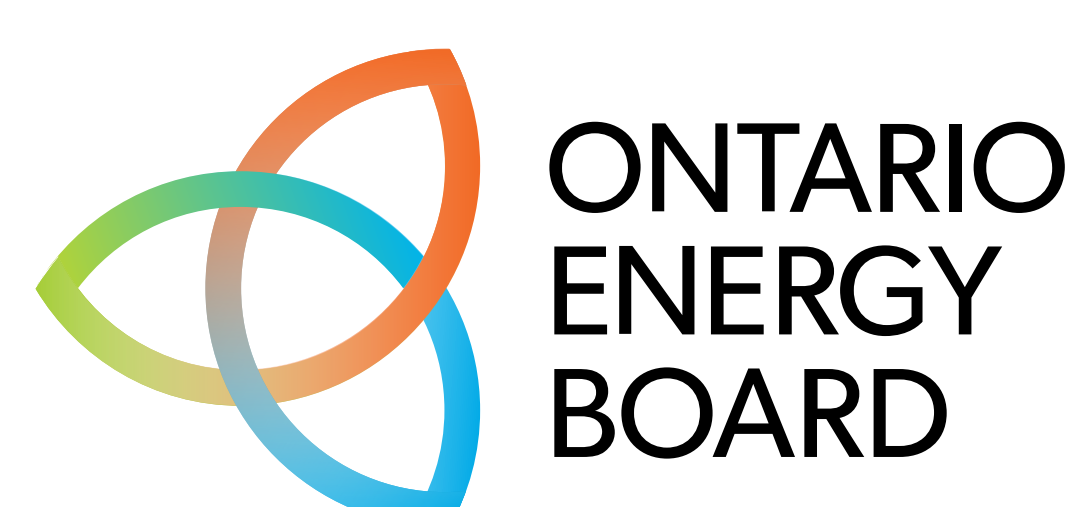
Building infrastructure to meet the energy needs of tomorrow involves a number of partners, including:



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



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



Regulates the electricity market in Ontario, including electricity rates.



Ministry of Energy
and Mines

Oversees the regulatory framework for the electricity system, including the Ontario Energy Board and the IESO.



Ministry of the Environment,
Conservation and Parks

Legislative authority for environmental assessments in Ontario.

Working with Indigenous communities



Hydro One will continue to collaborate with Indigenous communities throughout the project lifecycle. This includes taking a community-led approach to engagement, early information sharing, making long-term investments in communities and working together to advance project milestones.

Each new line Hydro One builds is also an opportunity for partnership with First Nations and to buy goods and services from Indigenous suppliers.

Through Hydro One's industry-leading First Nation Equity Partnership Model, First Nation partners will have the opportunity to invest in a 50 per cent equity ownership stake in the transmission line component of this project.

Learn more at HydroOne.com/IndigenousRelations

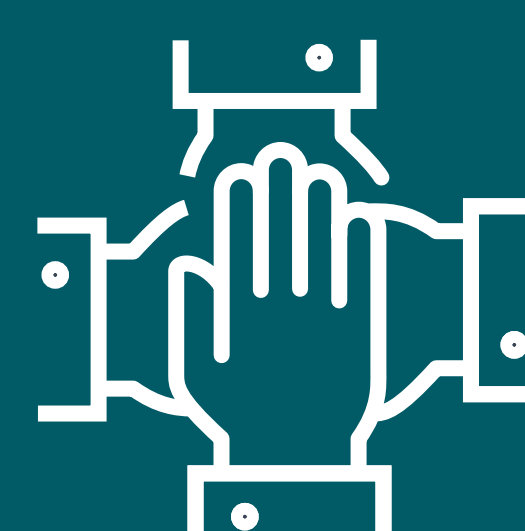
Our approach



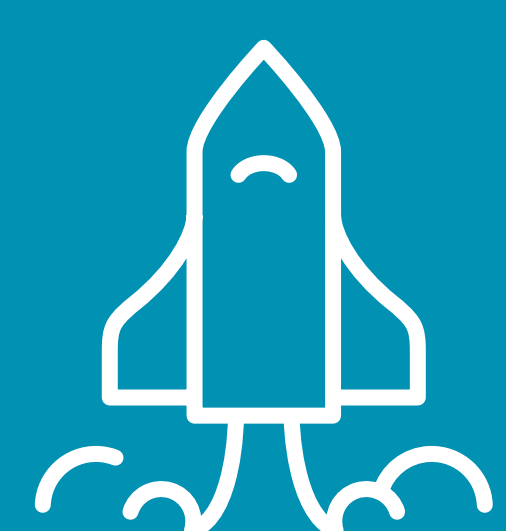
Excelling at
engagement



Working with
integrity



Holding
ourselves
accountable

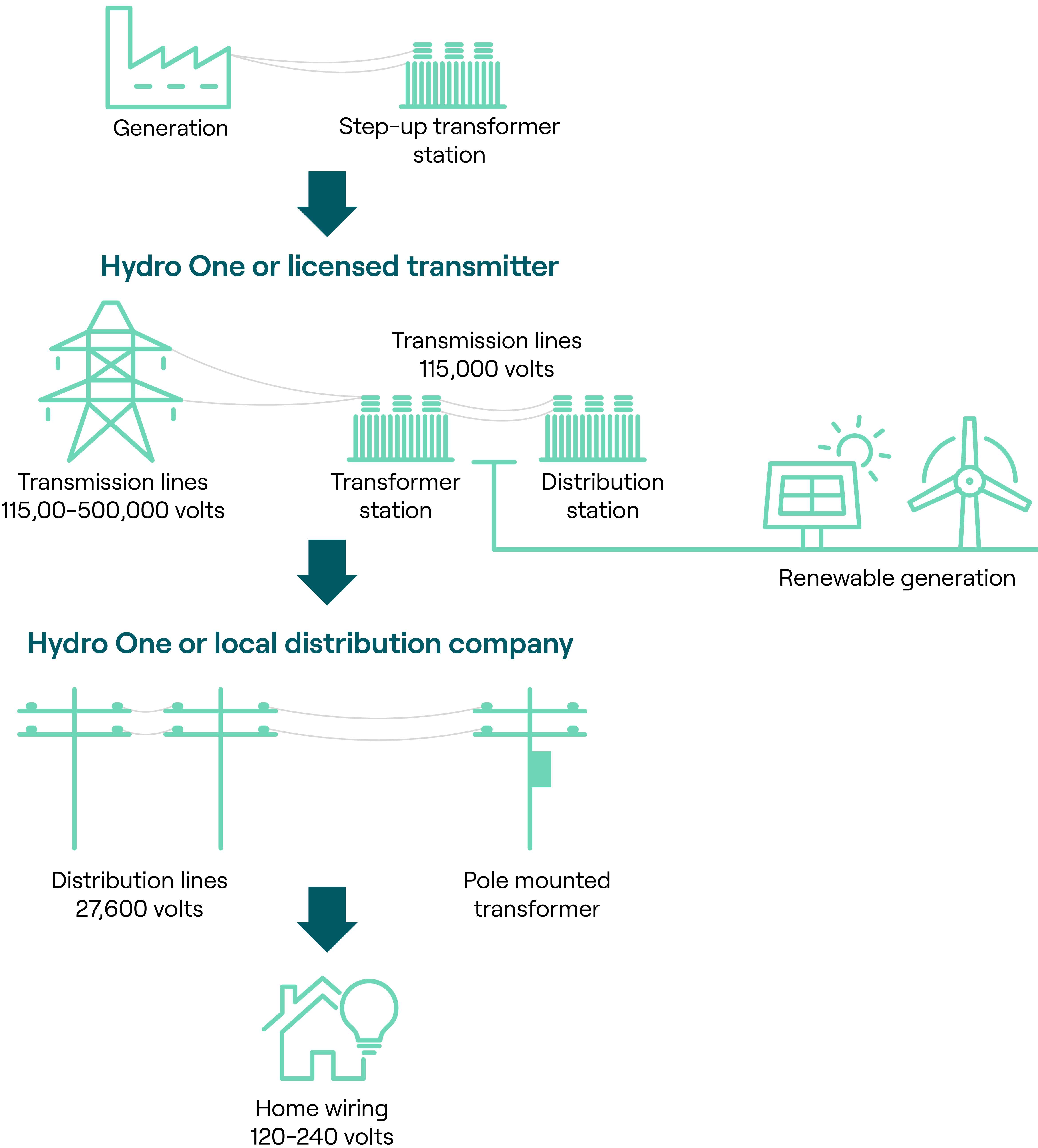


Breaking
barriers

How the electricity system works



Ontario Power Generation and private generation companies



The Sudbury Barrie Transmission Line project



Ontario's demand for electricity is increasing. To help meet this need, Hydro One is investing in the proposed Sudbury Barrie Transmission Line project in collaboration with First Nation partners. The proposed priority project is a new single-circuit, 500-kilovolt (kV) transmission line that will span approximately 300 kilometres from Hanmer Transformer Station (TS) in Sudbury to Essa TS near Barrie, including station facility expansions. This project includes direction from the Ontario government to complete development work for a second new single-circuit, 500-kV transmission line.

Expected in-service date

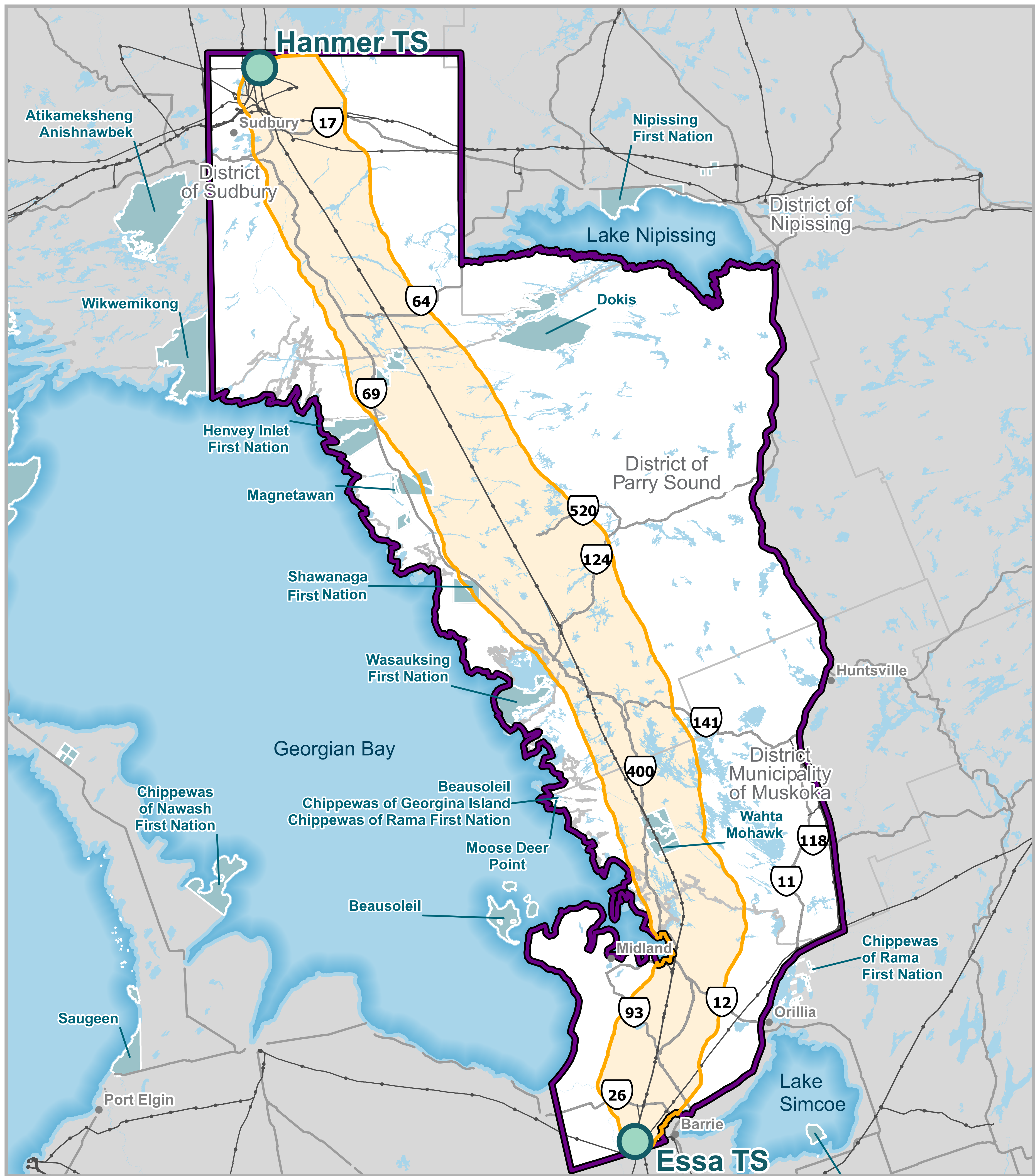
The expected in-service date for the first line is 2032. A recommended in-service date for the second line will be determined by the Independent Electricity System Operator.

Project benefits

Once built, this critical infrastructure will support reliability, foster economic growth and investments and ensure a dependable power supply for the expected increase in electricity use anticipated in northern Ontario.

Map of focused study area

We continue to collect data and incorporate feedback to expand our knowledge and understanding of the project study area. Based on information gathered, we've developed a new focused study area that shows where routes are most likely to be developed and further studied as the Class EA proceeds.

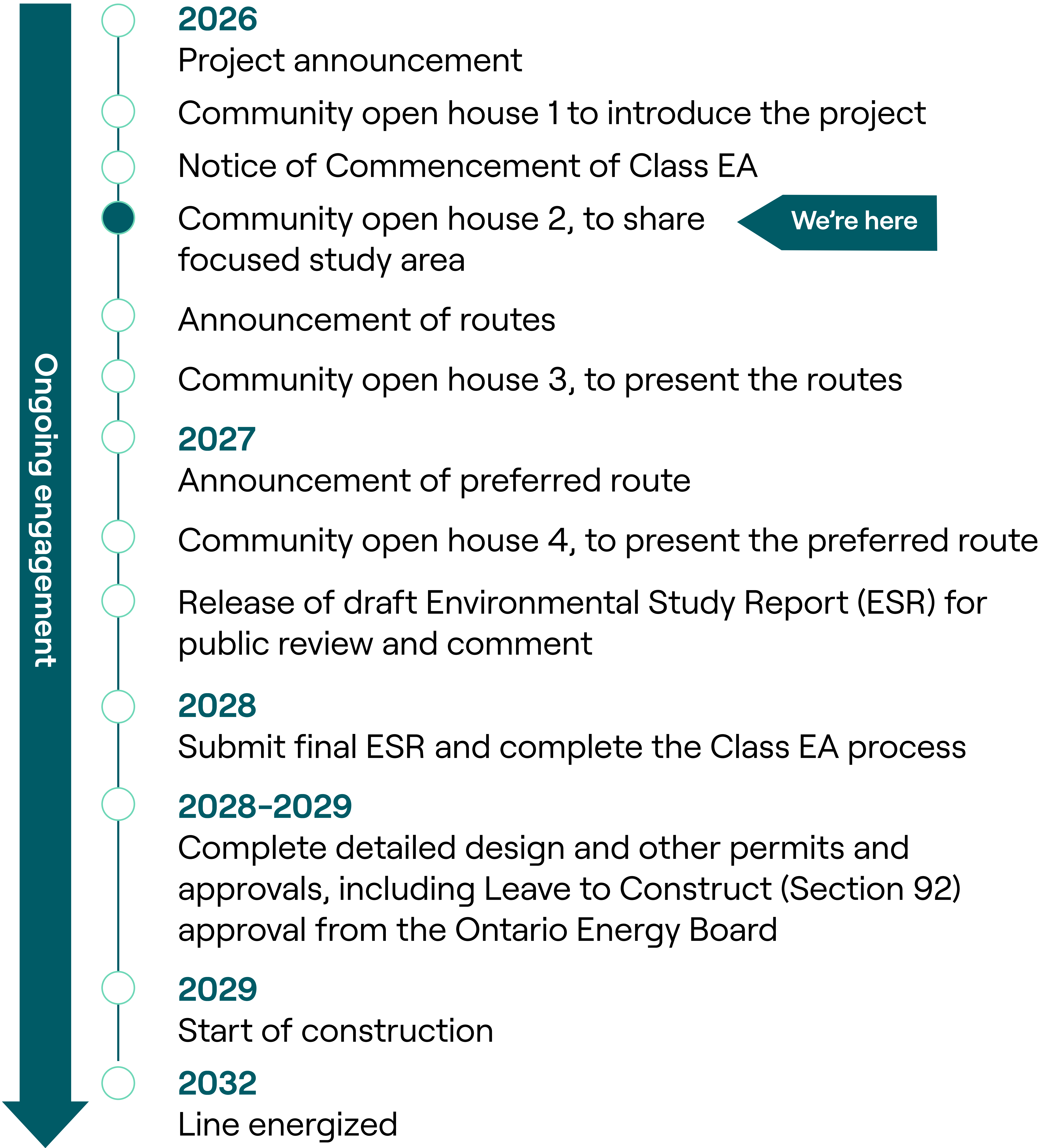


Map Legend

- Transformer station (TS)
- Project study area
- Focused study area
- Municipal boundary
- Waterbody
- First Nation
- Highway
- Existing transmission line



Estimated project development timeline



What is a Class EA?

The Class EA process ensures that we:

- Engage with Indigenous communities, government agencies, municipalities and elected officials, residents and other interest groups
- Work with Indigenous communities to identify areas of interest pertaining to culture, values and land use
- Collect data and characterize the environment within the study area
- Identify and evaluate routes and select the preferred route
- Identify potential effects and proposed mitigation measures
- Prepare and share a draft Environmental Study Report (ESR) for public review and comment
- Submit the final ESR to the Ministry of the Environment, Conservation and Parks

This project is subject to the Class EA for Transmission Facilities (2024), in accordance with the Ontario *Environmental Assessment Act*.

In June, we issued the Notice of Commencement to formally start the Class EA. This provincially-regulated process is a key step for planning and building transmission infrastructure in Ontario.

Ongoing studies

Teams continue to complete field work and review data to characterize the study area. Ongoing studies include:

- Natural environment field work, including:

- Amphibian calling surveys
- Breeding bird surveys
- Incidental observations of other wildlife species
- Botanical surveys and vegetation community mapping
- Aquatic surveys
- Documentation of general wildlife habitat conditions, potential habitat for species at risk, and significant wildlife habitats



- Reviews of known heritage buildings or monuments, cultural heritage landscapes and archaeological resources



Routing considerations

We use comprehensive technology to identify potential routes that consider environmental, socio-economic, technical, and Indigenous culture, values and land use factors.

At the same time, we conduct engineering and technical studies to confirm potential routes. The identified potential routes then move forward for further evaluation through the Class EA process.

Ongoing engagement with Indigenous communities, local residents, agencies and interested parties is important through every stage of this process.



Natural environment

- Vegetation
- Waterbodies, wetlands and aquatic habitat
- Wildlife and wildlife habitat
- Species at risk
- Parks and protected areas



Socio-economic environment

- Residential properties
- Commercial, industrial, institutional and other business facilities
- Recreational and tourism-related features
- Agricultural resources and operations
- Archaeological and cultural heritage assessments



Indigenous culture, values and land use

- Indigenous interests (cultural sites, traditional areas, historic lands and resources)



Technical and cost

- Land rights and considerations
- Construction complexity
- Line length and angles
- Co-location of existing infrastructure

Activity: Tell us your story

What do we need to know about the focused study area?

- Wildlife and wildlife habitat (i.e. fish species)
- Popular vacation rentals, or tourist landmarks and destinations
- Recreational areas

Can you share areas or spots your community frequents?

Examples:

- Fishing spots
- Hiking or recreational trails
- Hunting and trapping

You can:

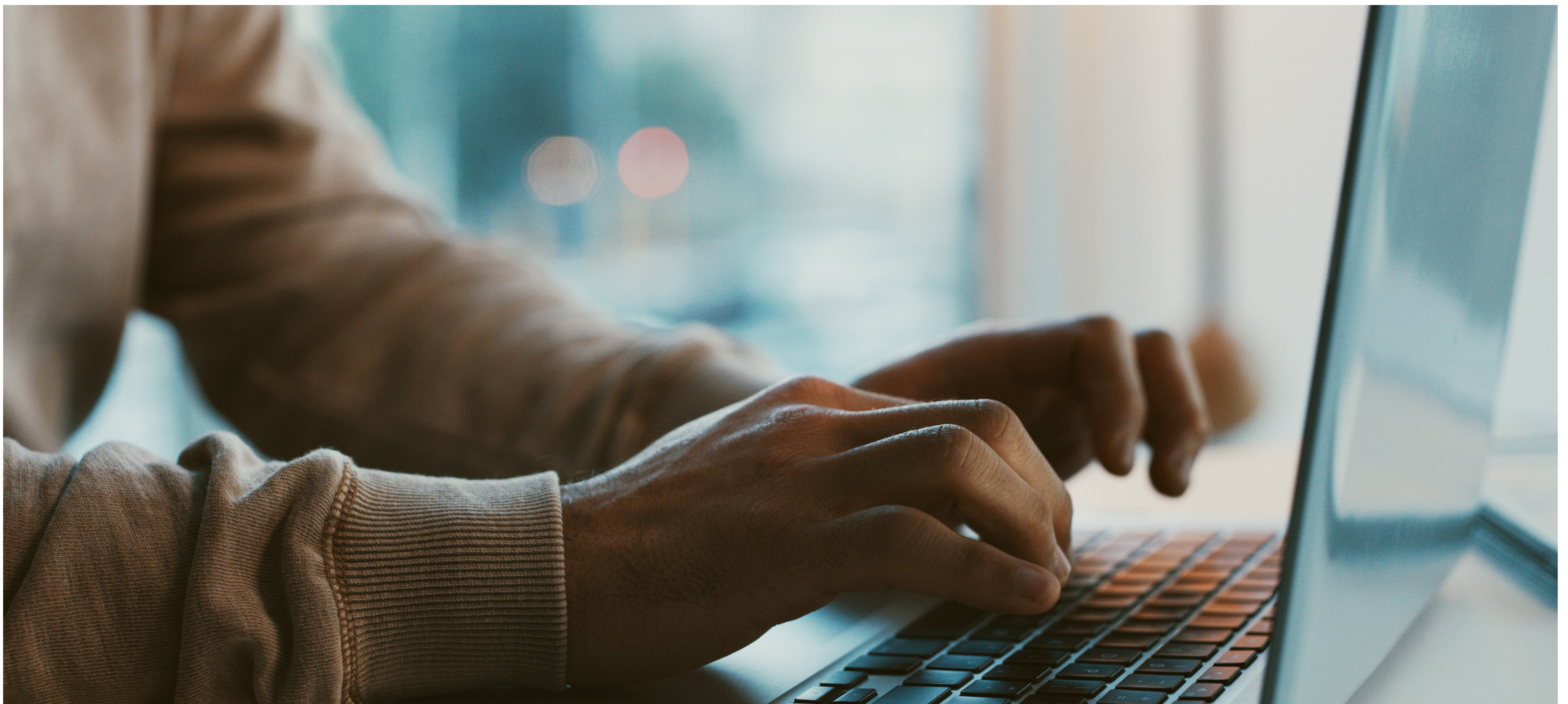
- Jot down your story on a sticky note and post it on this display board.
- Tell your story on one of the comment/story forms and leave it with a project team member.
- Locate your experiences on the table map with a sticky note or a marker.
- Use the comment function in the interactive project map to highlight an area that is important to you.

Activity: Take our survey

There are several factors Hydro One considers as we progress transmission line planning. Take a survey to tell us what considerations are most important to you.

You can:

- Scan the QR code to take the survey from your phone
- Take the survey using one of the laptops or tablets available in the room
- Visit **HydroOne.com/SBTL** for a link to the survey that you can complete at home



The survey will take about three minutes to complete, and it is completely anonymous. All we need is your postal code/municipality.

Community engagement

Our engagement continues throughout every stage of the project. We actively gather input through a variety of channels, including meetings, emails, phone calls, in-person and virtual open houses and the interactive map on the project website to ensure communities have accessible and meaningful ways to participate.

Insights gathered through engagement, alongside desktop research and field studies, play a key role in the environmental assessment process. This information helps us build a clear understanding of existing conditions, evaluate routes, and ultimately identify a preferred route that best balances all inputs and considerations.

Sign up for our project contact list by providing your contact information on our sign-in sheet or at **HydroOne.com/SBTL**.





Thank you for joining us

Please share your feedback with our team and complete a comment form before you go.

To provide comments or to be added to the project contact list, please call or email:



1-877-345-6799



Community.Relations@HydroOne.com

For the most up-to-date project information and project updates, visit our project website:
HydroOne.com/SBTL

