Sudbury Barrie Transmission Line

Route alternatives and invitation to community open houses

November 2026

Ontario's demand for electricity is increasing. To meet this demand, Hydro One is investing in a new priority transmission line between Sudbury and Barrie. Once built, the Sudbury Barrie Transmission Line will strengthen the electricity system between northern and southern Ontario to support future growth, jobs and communities.

Earlier this year, Hydro One initiated a Class Environmental Assessment (EA) for the proposed 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 facility expansions at both Hanmer TS and Essa TS, and the construction of a new midpoint station. The line is expected to be in service in 2032.

The project includes direction from the Ontario government to complete development work on a second new single-circuit, 500-kV transmission line. A recommended in-service date for the second line will be determined by the Independent Electricity System Operator.

Planning process

The route alternatives are shown on the map on the reverse page and can be seen in more detail at **HydroOne.com/SBTL**. The route alternatives were identified using a thorough analysis of Indigenous culture, values and land use; and technical, socioeconomic and natural environment considerations. No preferred route has been selected at this stage. The route alternatives being presented are under evaluation as part of the ongoing Class EA process. The preferred route will be presented in 2027.

This project is following the Class EA for Transmission Facilities (February 2024), in accordance with the Ontario *Environmental Assessment Act*. Following completion of the Class EA, the project will also require Ontario Energy Board approval under Section 92 (Leave to Construct) of the *Ontario Energy Board Act, 1998*.

We want to hear from you

Hydro One values ongoing, meaningful and open engagement. Feedback from Indigenous communities, local residents, businesses, government agencies and interest groups is instrumental to inform all aspects of the Class EA, including the evaluation of route alternatives. We invite you to join our community open houses to learn more about the project, ask our team questions and provide input.

Pour une version en français, consultez notre site web.

See reverse for map

hydro one

Connecting power and possibility™

Join us

Drop in anytime from 3:30 p.m.-7:30 p.m. to chat with us at the following:

Monday, November 30
Humphrey Community Centre and Arena, 15 Humphrey Drive, Seguin

Tuesday, December 1
Baxter Ward Community Centre, 25 Community Centre Road, Port Severn

Wednesday, December 2
General John Hayter Southshore Community Centre
205 Lakeshore Drive, Barrie

Thursday, December 3
Bobby Orr Community Centre
7 Mary Street, Parry Sound

Saturday December 5
Note time: 11 a.m. to 3 p.m.
Noelville Community Centre
21 St. Christophe Street, Noelville

Monday, December 7
Centennial Arena
4333 Centennial Drive, Hanmer

Or join one of our virtual community open house sessions from 6-7 p.m.:
Thursday, November 26
Tuesday, December 8

Please register for one of our virtual sessions at HydroOne.com/SBTL

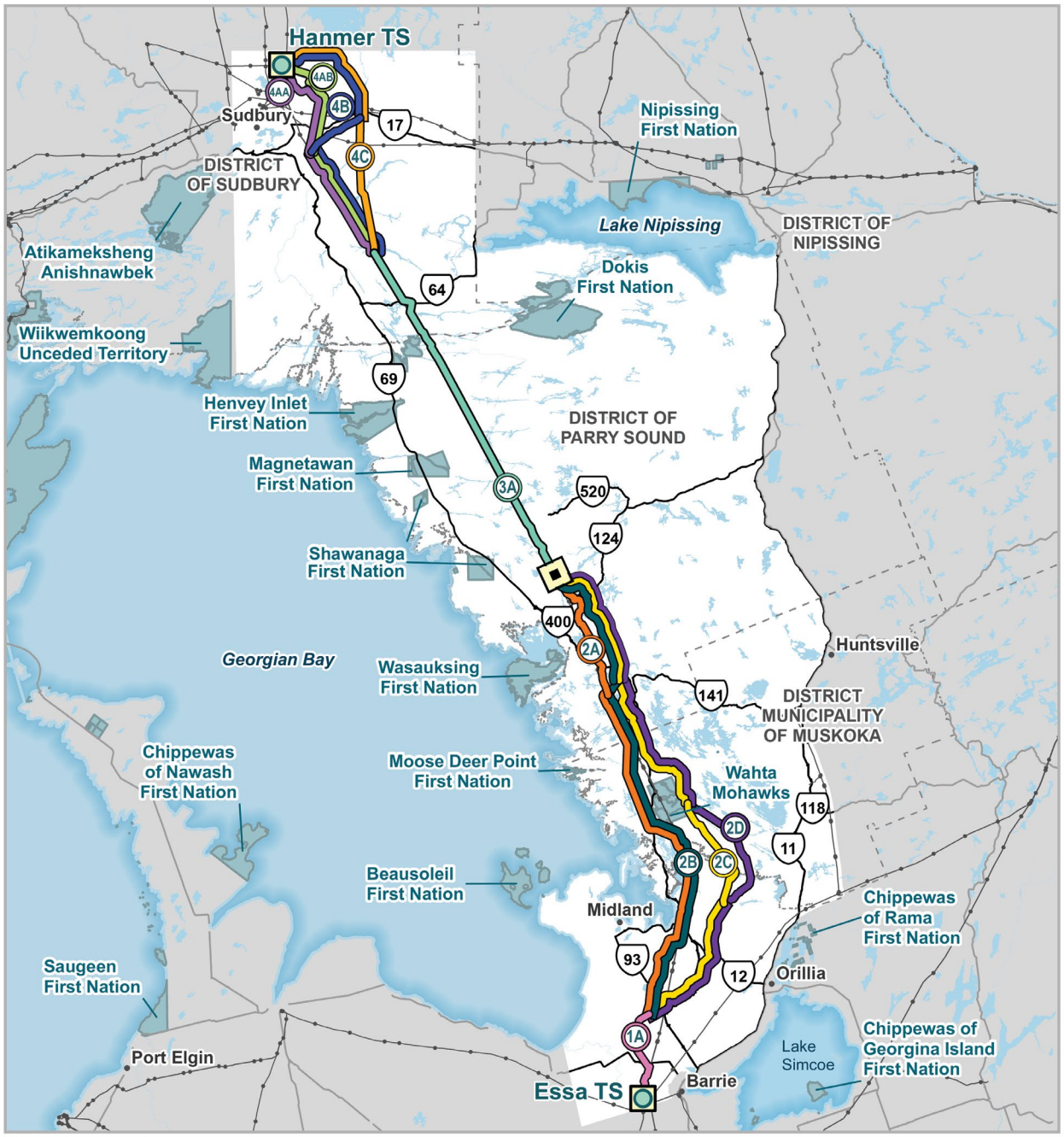
We're here to listen. If you would like more information or have questions, please contact our team at:

1-877-345-6799

Community.Relations@HydroOne.com

HydroOne.com/SBTL

Sudbury Barrie Transmission Line project



Map legend

Alternative routes

Segment 1
- 1A Route 1A

Segment 2
- 2A Route 2A
- 2B Route 2B
- 2C Route 2C
- 2D Route 2D

Segment 3
- 3A Route 3A

Segment 4
- 4AA Route 4AA
- 4AB Route 4AB
- 4B Route 4B
- 4C Route 4C

- Transformer station (TS)
- Terminal Station Expansion
- Mid-Point
- Municipal boundary
- Existing transmission line

0 25 50 km

- Highway
- Waterbody
- First Nation

Segments are numbered from south to north, and routes are lettered from west to east

Please visit our online interactive map for a more detailed view and to provide your feedback: **HydroOne.com/SBTL**