

Longwood to Lakeshore project

Notice of preferred route and invitation to virtual and community open houses #4

May 2025

Based on a detailed evaluation, which considered extensive public feedback, Hydro One has selected the preferred route for the proposed Longwood to Lakeshore project. Once built, the new transmission line will help meet electricity demands and support future growth in southwest Ontario.

Since February 2024, we’ve been conducting a Class Environmental Assessment (Class EA) under *Ontario’s Environmental Assessment Act* to build two proposed single-circuit, 500-kilovolt (kV) transmission lines between Longwood Transformer Station (TS) in the Municipality of Strathroy-Caradoc and Lakeshore TS in the Municipality of Lakeshore.

We’ve gathered important environmental and technical information and will continue to engage with Indigenous communities, property owners, community members, elected officials, interest groups and businesses to make sure their feedback is reflected in the project.

Selection of preferred route alternative: Route 3B

As part of the Class EA process, three route alternatives with variations were evaluated for the proposed project and Route 3B was identified as the preferred route for the proposed transmission lines. Route 3B maximizes the re-use of existing transmission corridors and minimizes impacts to residences. Please see the enclosed map for an overview of the preferred route and visit our online interactive map for a more detailed view.

The proposed project also includes an expansion of Lakeshore TS, on property owned by Hydro One, as well as upgrades and the eventual expansion of Longwood TS to connect the new lines.

Project next steps

We’ve already started outreach to affected landowners to discuss land rights and continue to learn more about the unique features of their properties, including agricultural operations. We’re hosting several engagement opportunities in the coming weeks where you can learn more about the proposed project, speak with our project team and share your feedback.

Over the next several months, we’ll complete more detailed environmental and technical studies to develop the design and construction of the proposed lines, with a focus on starting construction of Line 1 in 2027.

We’re preparing the draft Environmental Study Report (ESR), which will document the work conducted under the Class EA process. The draft ESR will be released for a public review period later this year. As the Class EA progresses and project design advances, we’ll share detailed information and engage at every step of the way.

We want to hear from you

Your feedback is incredibly important to the success of this project, and we want to hear from you. We encourage you to attend an upcoming event or reach out to us to get involved in another way.



Please join us

May 15
7 p.m. to 8 p.m.
Virtual open house
-hosted on the project website

Learn more about the route selection process and ask your questions.

Community open house #4

June 4
4 p.m. to 7 p.m.
Kent-Belgian-Dutch-
Canadian Club
34 Byng Ave.
Chatham

June 5
4 p.m. to 7 p.m.
Ryder Hall at Tilbury
Community Centre
49 Bond Ave.
Tilbury

June 11
4 p.m. to 7 p.m.
Brunner Community Centre
32 Wallace St.
Thamesville

June 12
4 p.m. to 7 p.m.
Glencoe Agricultural Hall
268 Currie St.
Glencoe

Project website



HydroOne.com/
Longwood-to-Lakeshore

We’re here to help

If you would like any further information or have any questions, please contact Community Relations at:

1.877.345.6799

Community.Relations
@HydroOne.com



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Map Legend

- Transformer Station (TS)
- Preferred Route 3B
- Local Study Area (500 m buffer on either side of the route alternatives)
- Existing Transmission Line
- Highway
- Municipal Boundary
- Waterbody
- First Nation
- Built Up Area

Note: The illustrated route represents two transmission lines with parallel alignments, except near Longwood TS where the two lines have slightly different alignments exiting the station.

Please visit our online interactive map for a more detailed view: [HydroOne.com/Longwood to Lakeshore](https://HydroOne.com/Longwood%20to%20Lakeshore)

