

Longwood to Lakeshore Project

Notice of Commencement of a Class Environmental Assessment and Community Open House #2

March 2024

Hydro One is committed to energizing life across southwest Ontario, by supporting economic growth and improving reliability for homes and businesses. As part of these efforts, Hydro One is initiating a Class Environmental Assessment (Class EA) for the Longwood to Lakeshore Project, which includes two new single-circuit 500 kilovolt (kV) transmission lines between the Longwood Transformer Station (TS) in the Municipality of Strathroy-Caradoc and the Lakeshore TS in the Municipality of Lakeshore.

With energy demand in the region anticipated to quadruple by 2035, the Independent Electricity System Operator (IESO) has identified the need for the first transmission line to be in-service by 2030. With such significant growth underway, the Government of Ontario has advised Hydro One to conduct early development work on the second transmission line while the IESO assesses the future energy needs of the region through their long-term planning. This will allow for more efficient planning, as well as more meaningful and transparent consultation with Indigenous communities, residents, municipalities, and stakeholders.

Route Alternatives

Based on the technical, socio-economic and environmental constraints in the route selection study area as well as local knowledge and input received through engagement, Hydro One has identified three viable route alternatives, each with variations, for the new transmission lines.

Please see the enclosed map for an overview of the route alternatives and associated study area or visit our online interactive map for a more detailed view and to provide your feedback. Hydro One will continue to study and collect feedback on these route alternatives over the next year to determine the preferred route for the project, which is anticipated in early 2025.

Planning Process

Minimizing the effects of our projects and operations on the environment is important to Hydro One. While the project initially began as a Comprehensive EA, due to recent regulatory changes, the planning of this project will now follow the “Class Environmental Assessment for Transmission Facilities” (Class EA for TF, 2024), established in accordance with the *Ontario Environmental Assessment Act*. For more information, please visit [HydroOne.com/ClassEA](https://hydroone.com/classEA).

Following completion of the Class EA, the project will also require approval from the Ontario Energy Board under Section 92 (Leave to Construct) of the *Ontario Energy Board Act*.

Freedom of Information and Protection of Privacy Act.
All personal information included in a submission – such as name, address, telephone number and property location – is collected, maintained and disclosed by the Ministry of the Environment, Conservation and Parks for the purpose of transparency and consultation. The information is collected under the authority of the *Environmental Assessment Act* or is collected and maintained for the purpose of creating a record that is available to the general public as described in s. 37 of the *Freedom of Information and Protection of Privacy Act*. Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential. For more information, please contact the Ministry of the Environment, Conservation and Parks’ Freedom of Information and Privacy Coordinator at 416-314-4075 or Foi.mecp@ontario.ca.



Please join us!
Community Open House #2

Tuesday, March 26
4:00 – 8:00 p.m.
St. Andrew’s United Church
85 William St. S
Chatham

Wednesday, March 27
4:00 – 8:00 p.m.
Comber Community Centre
6211 McAllaster St.
Comber

Wednesday, April 3
4:00 – 8:00 p.m.
Brunner Community Centre
32 Wallace St.
Thamesville

Thursday, April 4
4:00 – 8:00 p.m.
Glencoe Agricultural Hall
268 Currie Street
Glencoe

April 24
7:00 – 8:00 p.m.
Virtual Open House
Please visit our website to register:
[HydroOne.com/Longwood-to-Lakeshore](https://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

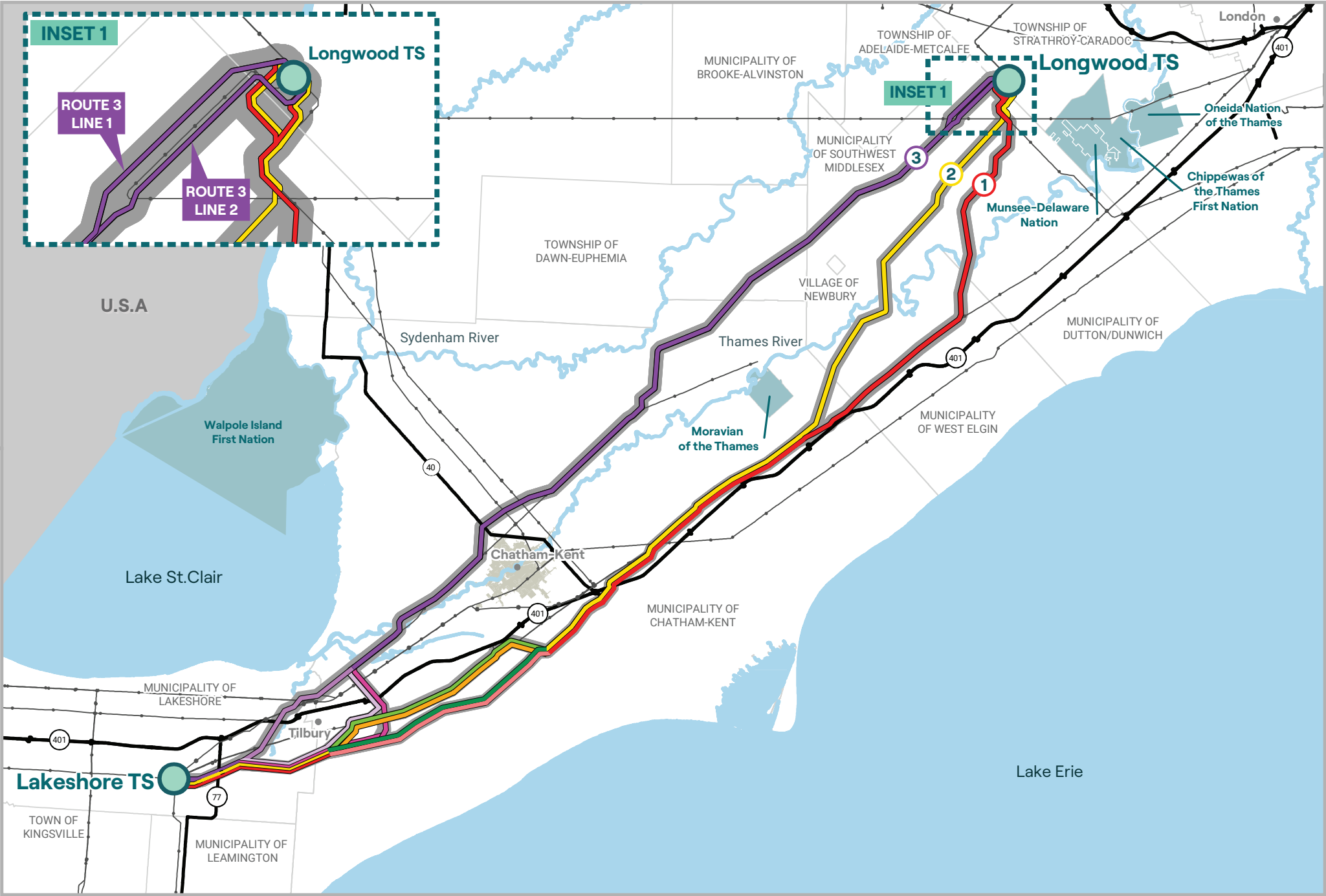
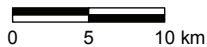


Longwood to Lakeshore Project

Map Legend

- Transformer Station (TS)
- Route 1 (A/B Core Alignment)
 - Route 1A
 - Route 1B
- Route 2 (A/B Core Alignment)
 - Route 2A
 - Route 2B
- Route 3 (A/B/C Core Alignment)
 - Route 3A
 - Route 3B
 - Route 3C
- All Routes (1A/1B/2A/2B/3A/3B/3C)
- 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: With the exception of the section of Route 3 shown in inset 1, each route represents two transmission lines with parallel alignments. Each line has an assumed 60m right of way, pending detailed engineering.



Note: Please visit our online interactive map for a more detailed view and to provide your feedback: HydroOne.com/Longwood-to-Lakeshore.