

Energize Essex County project

Notice of Commencement

Class Environment Assessment and community open house #1

June 2026

Electricity demand in southwest Ontario is expected to rise 73 per cent by 2050, driven by growing communities, advanced manufacturing and greenhouses. Hydro One is investing in Essex County to strengthen the local system, support industries that keep food on Ontario tables and build a more self-reliant grid.

The Independent Electricity System Operator (IESO) has identified the need to increase supply capacity in the Kingsville and Leamington areas. To meet this need, the IESO has recommended two new transformer stations to be supplied by a new 230-kV double-circuit transmission line from Lakeshore Transformer Station (TS).

The proposed line will also connect the new stations to Leamington TS, with a new 230-kV station equipment area proposed adjacent to the existing station. This connection is expected to increase reliability and enable faster power restoration in the area. The project is expected to be in service by 2032 to meet electricity demand.

Planning process

Hydro One is initiating a Class Environmental Assessment (Class EA) for the proposed new transmission line and stations. Two route alternatives and the areas under consideration for new station locations are shown on the map on the reverse page and at HydroOne.com/EnergizeEssexCounty.

To identify viable route alternatives, Hydro One mapped technical, socioeconomic and natural environment constraints. Each route alternative will be studied and evaluated to select a preferred route for the new line. Station locations and opportunities to integrate the new line from Lakeshore TS with other projects underway in the area will also be explored through the Class EA.

The Class EA will follow the Class EA for Transmission Facilities (February 2024), in accordance with the Ontario *Environmental Assessment Act*. This process applies to transmission infrastructure projects that are carried out routinely and have predictable environmental effects that can be readily managed and considered before construction. 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*.

We want to hear from you

Early, meaningful and open engagement is important to all Hydro One projects. Feedback from Indigenous communities, local residents, businesses, government agencies and interest groups will help inform all aspects of the Class EA.

All personal information included in your request – such as name, address, telephone number and property location – is collected, under the authority of Section 30 of the Environmental Assessment Act and is collected and maintained for the purpose of creating a record that is available to the general public. As this information is collected for the purpose of a public record, the protection of personal information provided in the *Freedom of Information and Protection of Privacy Act* (FIPPA) does not apply (s.37). Personal information you submit will become part of the available public record unless you request that your personal information remain confidential. If you have any accessibility requirements in order to participate in this study, please contact Community Relations listed above.



Connecting power
and possibility™

Please join us Community open house #1

Drop in anytime to
chat with us.

Wednesday, July 8

4 to 7 p.m.
UMEI Christian High School
614 Mersea Rd. 6
Leamington, Ont.

Thursday, July 23

4 to 7 p.m.
Gosfield Communications
Community Centre
124 Fox St.
Cottam, Ont.

We're here to help

For more information or to
ask questions, please contact
our team at:

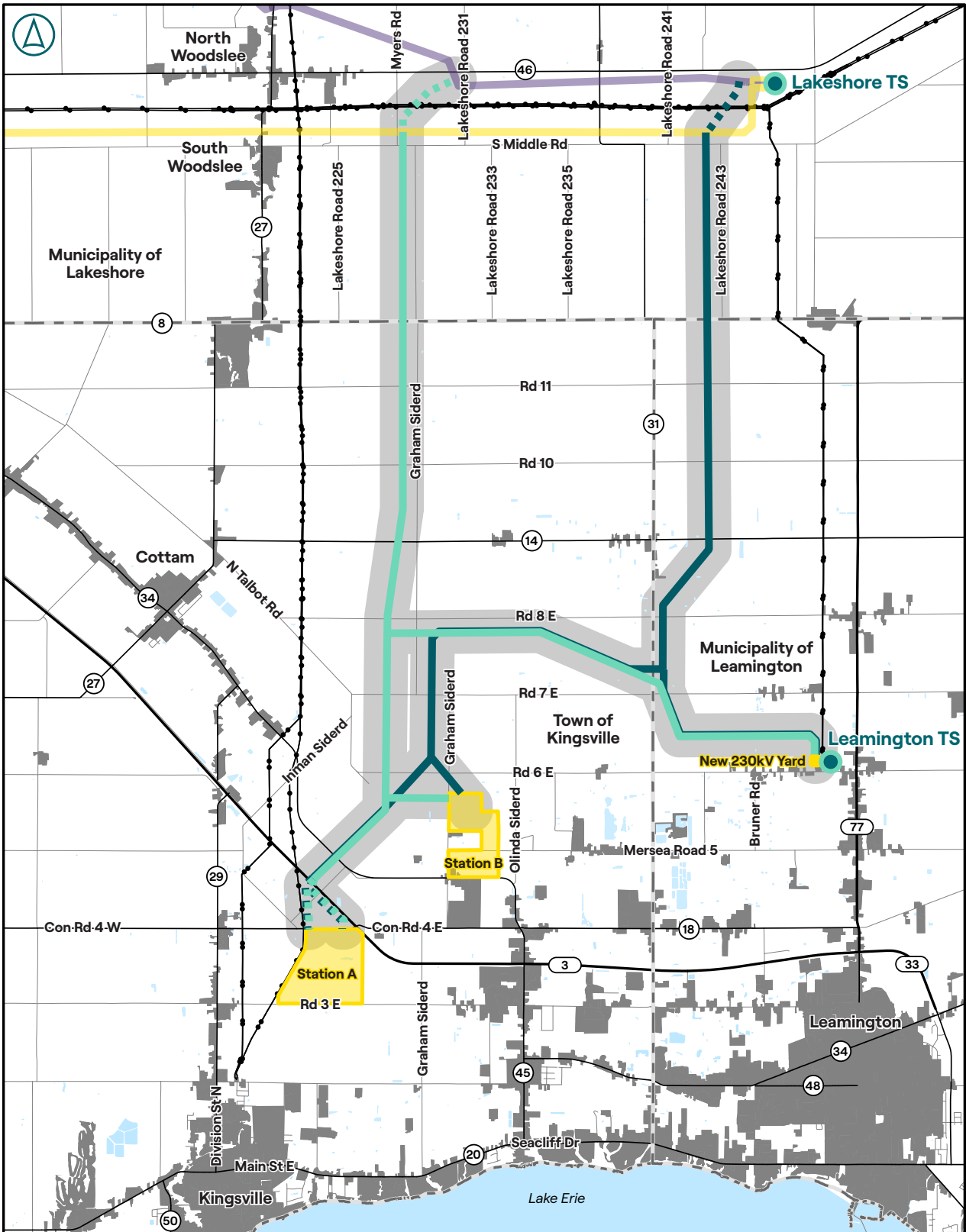
 1-877 345-6799

 Community.Relations@HydroOne.com

 [HydroOne.com/
EnergizeEssexCounty](https://HydroOne.com/EnergizeEssexCounty)

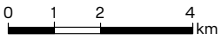


See reverse for map



Map legend

- Local study area (500 m)
 - Study areas for proposed Station A, Station B and New 230 kV yard
 - Existing Transformer Station (TS)
 - Route alternative 1
 - Route alternative 1 connection point to be determined
 - Route alternative 2
 - Route Alternative 2 connection point to be determined
 - Windsor Lakeshore Power Line proposed route alternative 1
 - Windsor Lakeshore Power Line proposed route alternative 2
- General features**
- Waterbody
 - Municipal boundary
 - Existing transmission lines
 - Primary, Kings or 400 series highway
 - District, County, Regional or Municipal road
 - Local road



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