

Old Second Line Municipal Transformation Station

Notice of commencement of class environmental assessment and invitation to community information session

We’re planning now to meet your future electricity needs

To ensure Ottawa’s north west region has the power to grow, Hydro Ottawa Limited (Hydro Ottawa) has initiated a class environmental assessment (Class EA) for a new 27.6 kV municipal transformer station (MTS) in north Kanata.

This project will serve existing customers and support projected growth in electricity demand for new residential and commercial developments in West-Carleton March and Kanata-North wards for many years to come. It will enhance reliability, reduce the size and frequency of outages, and provide redundancy to the area’s electricity system in the event of future extreme weather events. The Old Second Line Municipal Transformer Station is one of many future-planning investment projects we are spearheading to support growth and grid resilience, and to make our electricity system as sustainable as possible.

The need for new facilities was identified through the Integrated Regional Resource Plan (IRRP) for the Ottawa north west region. Released in March 2020, the IRRP is a twenty-year plan that has been developed by a regional planning working group consisting of the Independent Electricity System Operator (IESO), Hydro Ottawa and Hydro One.

The Old Second Line Municipal Transformer Station (MTS) project proposal

- To construct a new 27.6 kV municipal transformer station (MTS) at 1310 Old Second Line Road, on the east side, approximately 70 metres south of Thomas Fuller Drive.
- To connect the new power station to Hydro One’s existing 230kV transmission power line located to the south-west of the station.

Planning and approvals

The Old Second Line MTS is being planned in accordance with the Environmental Assessment Act of Ontario and developed in compliance with the Class EA for Minor Transmission Facilities. The Class EA is a streamlined process to ensure that smaller transmission facility projects with a known range of effects are planned and executed in an efficient and environmentally responsible way. It is anticipated that construction on the new station could begin by the end of 2026 and be in-service by the fall of 2028 (pending the resolution of the Class EA procedure and other permits).

We look forward to speaking with you

Consultation is an important part of the Class EA process and our commitment to keeping our customers informed. As such, you are invited to attend one of our upcoming community information sessions to learn about the project, speak directly with members of our project team, and provide your feedback.



For your reference, the map of the study area shows the existing Hydro One transmission lines, as well as the proposed location of the new station (pending approvals).

Please join us at one of our sessions



VIRTUAL INFORMATION SESSION
November 4, 2025
12:15 p.m. - 1:00 p.m.
 Visit hydroottawa.com/oldsecondline to register for our virtual event.



IN-PERSON INFORMATION SESSION
November 4, 2025
6:45 p.m. - 8:30 p.m.
John G. Mlacak Centre
2500 Campeau Drive, Kanata

For more information

If you have questions, please visit our website or reach out to our Old Second Line Municipal Transformer Station team at:

Email: oldsecondline@hydroottawa.com **Project website:** hydroottawa.com/oldsecondline

At the request of the Ministry of the Environment, Conservation and Parks, information regarding the Freedom of Information and Protection of Privacy Act is included and can be viewed below.

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 416-327-1434.