

Mer-Bleue Municipal Transformer Station

Community Information Session 1

January 16, 2025



Welcome to our community information session

- Energy partners
- How electricity is delivered to your community
- Community benefits
- Anticipated project schedule
- What's being proposed
- Where - Project area map
- Environmental Assessment
- Next steps
- Your input is important to us / Thank you



Hydro Ottawa

Builds, owns, operates and maintains the distribution of electricity facilities to more than 364,000 homes and businesses in Ottawa and Casselman.



Hydro One Networks Inc.

Builds, owns, operates and maintains the electricity transmission and distribution facilities across Ontario.



Independent Electricity System Operator

Operates the provincial electricity system, and is responsible for planning to ensure electricity needs are met both now and in the future.



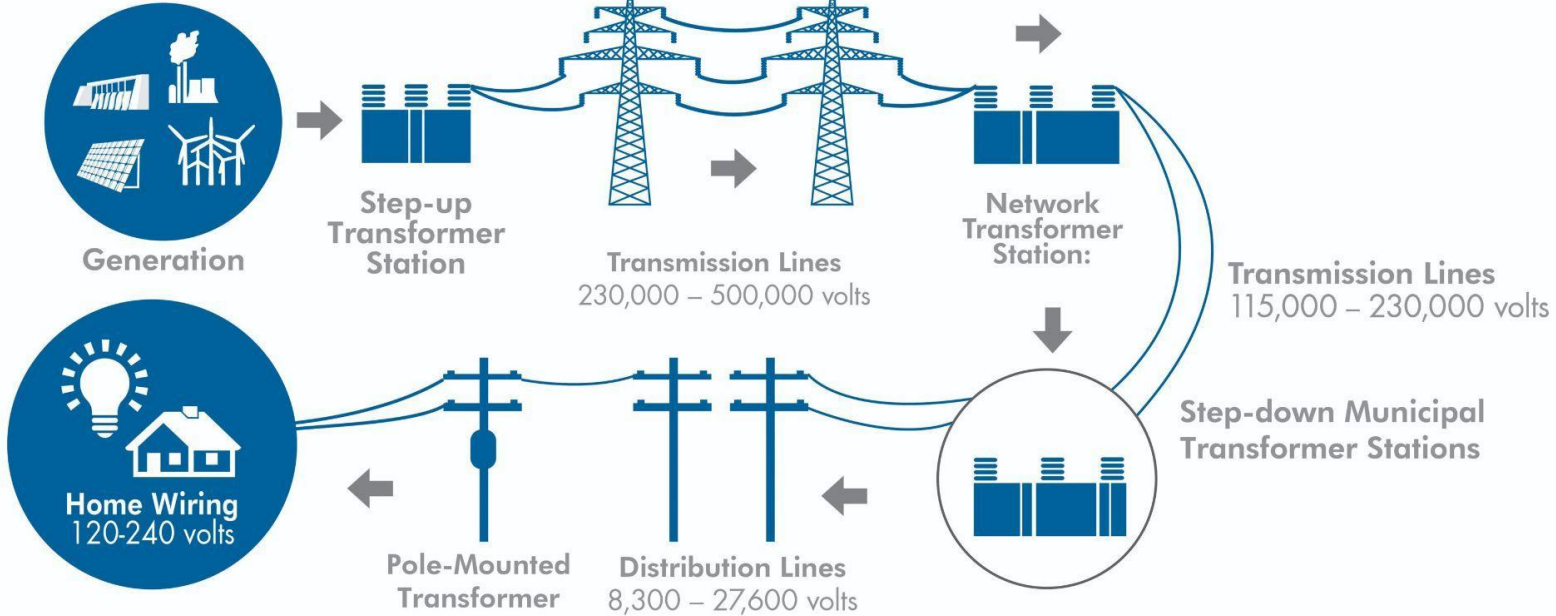
Ministry of the Environment, Conservation and Parks

The legislative authority responsible for environmental assessments in the province of Ontario.

Electricity

ONTARIO POWER
GENERATION AND PRIVATE
GENERATION COMPANIES

HYDRO ONE



HYDRO OTTAWA

Community benefits

- The Mer-Bleue Municipal Transformer Station (MTS) project is part of Hydro Ottawa's future planning to modernize our grid, ensure a clean and reliable electricity supply, and meet the projected growth in electricity demand for new and existing customers in the east.
- By investing in new technology for the electricity grid, customers will be further protected from prolonged outages caused by extreme weather-related events.
- In response to population growth and the electrification of heating and transportation in our community, Hydro Ottawa is embarking on the largest grid investment program in its history in order to support our customers as they transition to an increasingly electrified way of life.
- A reliable source of electricity is essential to supporting community growth - powering homes, schools, businesses, and transportation.

What's being proposed

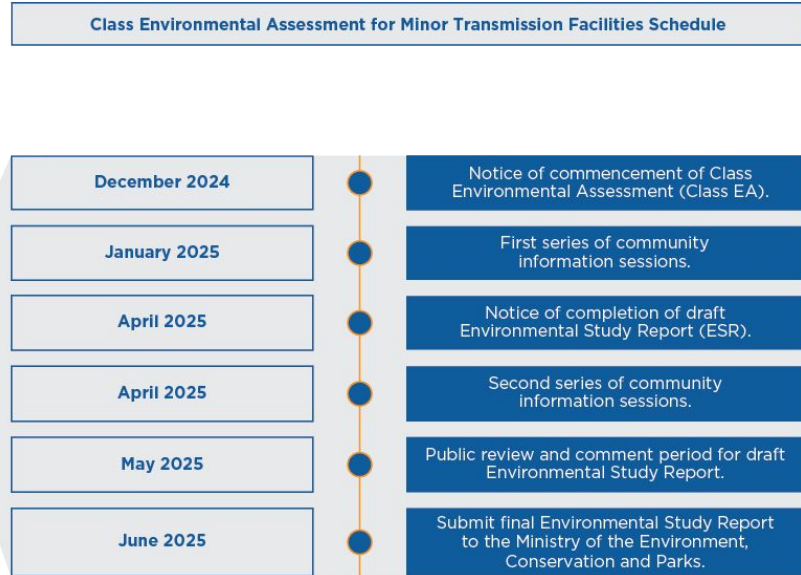
What

What's being proposed

- To meet future electricity needs responsibly, this project proposes:
 - to construct a new 27.6kV municipal transformer station (MTS) on the west side of Mer-Bleue Road, located 300 metres north west of the intersection at Brian Coburn Boulevard; and
 - to connect the new power station to Hydro One's existing 230kV transmission line, located south of the proposed station.
- As part of our sustainability commitments, Hydro Ottawa intends to develop Mer-Bleue as a low-carbon substation.
- We are currently undertaking a full project review of the station's construction, including an innovative design, procurement and construction techniques that include using lower Global Warming Potential (GWP) materials, and equipment that will address embodied carbon associated with the construction and operation of the substation.



Mer-Bleue Municipal Transformer Station Anticipated Project Schedule



Schedule

Environmental Assessment

This class environmental assessment sets out a planning process for specific minor transmission line and transmission station projects. Potential effects of the project will be examined through a number of detailed studies, taking into consideration factors relating to:

- The natural and socio-economic environments;
- cultural/heritage resources;
- recreational resources;
- existing and planned land uses;
- visual landscapes;
- technical/cost considerations; and
- the concerns and interests of local business and residential property owners, Indigenous communities, government agencies and other interested parties.

Environmental Assessment *Cont'd*

A number of natural environment field studies will be undertaken in the project area as part of the Class EA process. This will include:

- Species at Risk (SAR) surveys, as required by government agencies;
- ecological land classification;
- botanical and tree surveys;
- aquatic habitat assessments;
- incidental wildlife observations; and,
- potential significant wildlife habitat mapping.

Where effects on the natural environment cannot be avoided, appropriate mitigation measures will be proposed.

What happens next

Following this community information session, the project team will:

- Consider all feedback received from stakeholders and respond to inquiries in a timely manner.
- Complete the Environmental Study Report (ESR)
 - The ESR is part of the Class EA process
 - a draft version of the ESR will be made available for review
 - Notifications will be sent out when the draft ESR is available
- Host a second community information session about the ESR, its finding, and gather input from stakeholders

What happens next *Cont'd*

- Hydro Ottawa will carefully consider all input and concerns raised during the public review and comment period before filing the final ESR with the Ministry of the Environment, Conservation and Parks.
- Prepare for permitting and approvals.
- Once the project is approved, we will host a third information session to provide details on the upcoming construction.

Thank you

Your input is important to us

Thank you for joining us at our community information session.

We will continue to provide early, ongoing and respectful communications about the project and our plans.

Your feedback during the consultation process will be used to refine our project implementation plans and determine appropriate ways to minimize and mitigate impacts, where feasible.

We are committed to working together to achieve a successful outcome for the community.



Join our project mailing list:
merbleue@hydroottawa.com



Visit our website for updates:
hydroottawa.com/merbleue