

# Bowmanville Switching Station expansion

## Notice of Commencement

August 2025

As industry and business grows in Ontario, so does the need for safe, clean and reliable power. In a report published in February 2024, the Independent Electricity System Operator (IESO) identified the need to connect new generation and create new transmission capacity for future growth through regional planning initiatives.

To support this growing electricity demand, Hydro One is initiating a Class Environmental Assessment (EA) to expand its Bowmanville Switching Station (SS) to accommodate future generation and load growth in the region.

### Project description

The project will include expanding the 500-kilovolt Bowmanville SS to connect Ontario Power Generation's Darlington new nuclear project to Hydro One's transmission network and ensure a reliable supply of electricity to meet increased energy demands. A map of the project study area is included on the reverse.

### The Class EA process

The Class EA will follow the "Class Environmental Assessment for Transmission Facilities" (Class EA, 2024), in accordance with the Ontario *Environmental Assessment Act*. This process applies to routine transmission infrastructure projects and ensures that potential indigenous, natural environment, economic, social, and cultural factors are carefully considered before a project begins.

Following successful completion of the Class EA process, construction is anticipated to begin in early 2027 and be completed by 2032.

#### 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](mailto:Foi.mecp@ontario.ca).



### We'd like to hear from you

Early, meaningful and open engagement is a top priority for Hydro One. Receiving input from Indigenous communities, members of the public, businesses, government agencies, and other interested parties will be instrumental to inform the Class EA and project.

We invite you to share your comments or questions with us. You can also email us to join our project contact list to receive updates about the project.



[HydroOne.com/  
Bowmanville](http://HydroOne.com/Bowmanville)



**1.877.345.6799**



**Community.Relations  
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See reverse for map



## Bowmanville Switching Station expansion project

### Legend

- Red Box: Bowmanville switching station
- Purple Box: Proposed station expansion
- Black Line: Railway
- Brown Line: Primary or 400 series highway
- Yellow Line: Arterial roads
- Blue Line: Watercourse

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1:8,500

Data Sources:  
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