

Clarington Transformer Station

Fact Sheet: THE SITE

WHY HAS HYDRO ONE SELECTED THIS SITE?

Hydro One purchased the property more than 30 years ago with the foresight of building transformer facilities. Logistically, the station is located where Hydro One's existing 230 kV and 500 kV transmission corridors meet which is necessary to connect and bring Clarington Transformer Station into service. Constructing the station elsewhere, would require Hydro One to acquire new land rights for the station and to build a new transmission corridor with these high voltage lines.

The company conducted a comprehensive Class Environmental Assessment (EA) to ensure the property was environmentally suitable to house the station. After considering the results of the EA and the Part II Order Requests, the Minister of the Environment ruled the project is acceptable to proceed from an environmental perspective. Hydro One is committed to ensuring the natural environment remains protected throughout the construction and operation of the station.

WHAT OTHER SITES WERE CONSIDERED FOR THIS STATION?

As part of the ongoing consultation for this project, Hydro One met with community representatives to explore additional proposed sites including Cherrywood TS and Parkway TS. Of all the sites considered, the planned site is considered the only viable location from a cost and technical perspective. Other sites would require spending additional money to acquire a new site and possibly expropriating land to build a new transmission corridor with high voltage transmission lines to connect the station.

For more information about the alternatives explored, please visit our consultation process here: www.hydroone.com/Projects/Clarington.

WHAT ABOUT THE SITE AT WINCHESTER ROAD AND WILSON ROAD IN OSHAWA?

During the Class Environmental Assessment (EA) for Clarington TS, opportunities were provided for members of the public to put forward additional sites for consideration. The resulting suggestions included the use of existing generation sites, existing TS sites and new sites. These alternative sites were investigated during the Class EA process and were not accepted based on a lack of technical and/or economic feasibility (e.g., requirements for new high voltage transmission lines through residential areas, unacceptable short-circuit levels at other critical transmission sites, the need to purchase large areas of additional property, etc.). For the same reasons, the site at Winchester and Wilson Road was not considered.