

# COMMUNITY NOTICE

## Barrie Area Transmission Upgrade Project

Dear Neighbours,

September 23, 2020

To better serve our customers in the Barrie and surrounding area, Hydro One is preparing to begin upgrading aging transmission infrastructure that is reaching capacity. This will ensure we meet the growing demands for electricity in the region. The project involves upgrading equipment at both our Barrie and Essa Transformer Stations (TS), and upgrading the transmission line from 115 kilovolt (kV) to 230 kV that connect the stations (see map on reverse).

In 2018 we completed an Environmental Assessment and held a series of Community Information Centres to obtain feedback and share information about the project with neighbours. In April 2020 we received Ontario Energy Board approvals and this fall, some construction activity will begin.

### **Phase 1: October 2020:**

**In support of this project, we will begin the first phase of this work at each of the stations described below:**

#### Upgrading Barrie TS

Work at this station will include:

- The expansion of the existing station fence by 25 m on the western side on Hydro One owned property. To facilitate the expansion and construction activity, the removal of trees within Hydro One owned property will be required. Once the expansion is complete, existing aging equipment will be replaced and upgraded from 115 kV to 230 kV.

#### Refurbishing and Upgrading Equipment at Essa TS

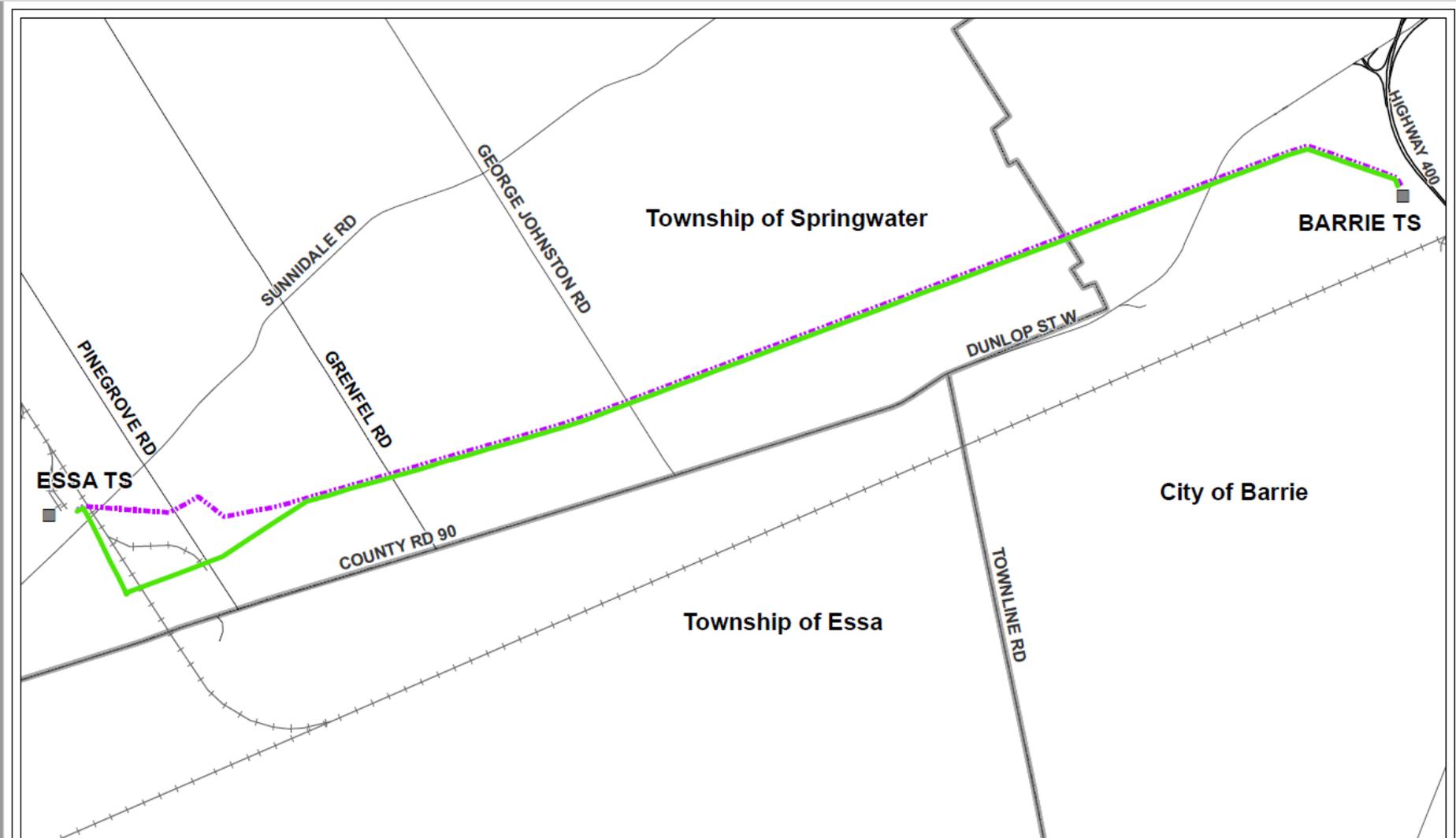
- Work at this site will include installing new equipment and reconfiguring sections of the station to accommodate the upgraded capacity. This work will take place within the current station footprint and Essa TS will not require an expansion.

Neighbours in the vicinity of both stations should expect an increase in activity at these sites. Typical working hours will be from 7 a.m. to 7 p.m. Monday to Thursday. We expect this portion of work to be complete by spring 2022.

### **Phase 2: Early 2022:**

In 2022, Hydro One will begin work to upgrade the existing transmission lines and structures between Barrie and Essa TS. The two existing rows of wooden 'H' frame structures will be replaced with a single row of new, steel structures along the corridor. These steel structures will be taller to ensure a safe clearance from the ground for the new lines. Prior to this work beginning, Hydro One will hold an information session in late 2021 to share details on what neighbours can expect.

**Thank you for your patience as we begin to work on this important project. Please contact [Community.Relations@HydroOne.com](mailto:Community.Relations@HydroOne.com) or 1-877-345-6799 if you would like to speak to the project team.**




  
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-  Transformer Stations (TS)
-  Transmission Line to be Upgraded
-  Transmission Line to be Removed
-  Highways
-  Roads
-  Railway
-  Municipal Boundary

**Barrie Area Transmission Upgrade:  
Project Area Map**

1:20,500
   