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## In Your Community

### New Projects

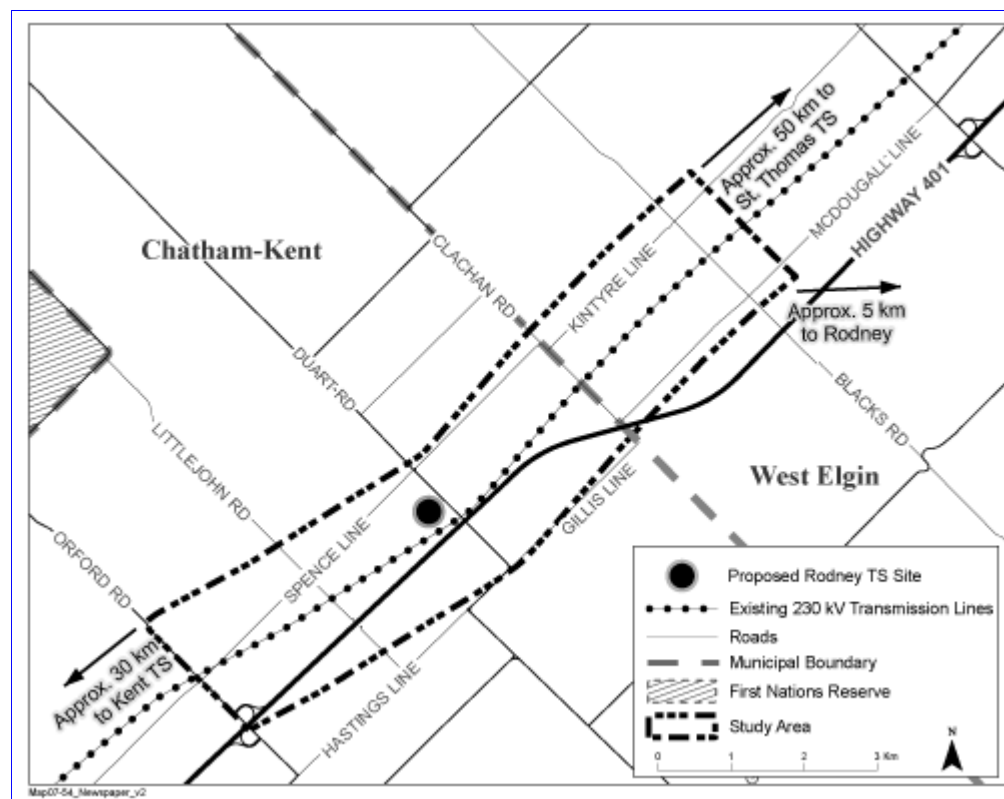
#### Transmission System Projects

#### Duart Transformer Station (Formerly Rodney Transformer Station)

#### What's New

**March 26, 2009** — Hydro One has identified its preferred location for the new Duart Transformer Station (TS). The site is located southwest of Duart Road and Spence Line, just north of Highway 401, in the Municipality of Chatham-Kent (see [map](#) below). The transformer station will be connected to the existing 230 kV transmission line that runs parallel to Hwy 401 just south of the site.

We are holding our second Public Information Centre (PIC) on **Tuesday, April 7, 2009** at the Highgate Community Hall. At the PIC, we will present the proposed site, explain the site selection process for the station, get public feedback, and address questions. Details and the newspaper ad for this PIC are available in the "[Public Consultation](#)" section below.

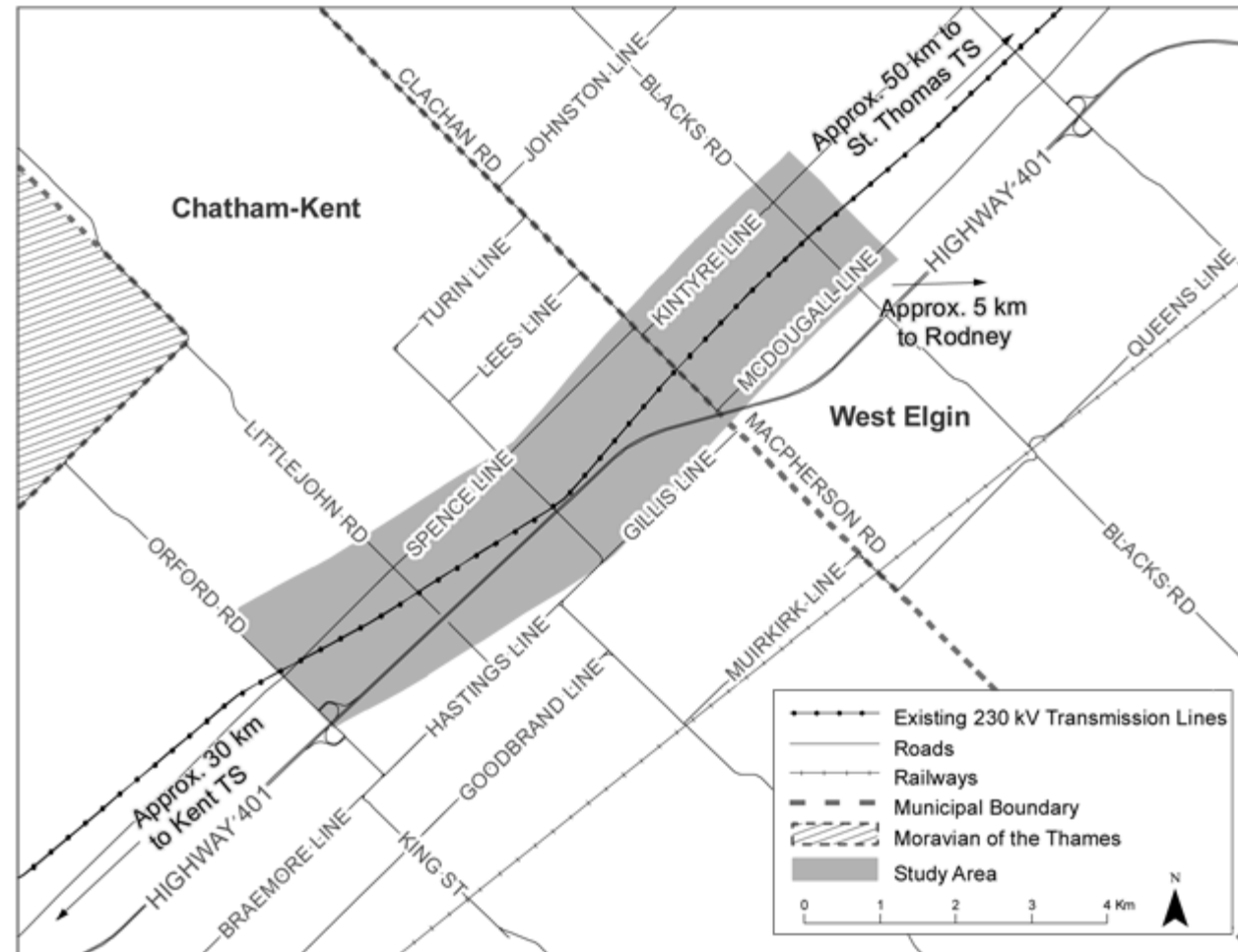


[\(click Map to view PDF version\)](#)

## Background

Hydro One is proposing to construct a new transformer station to improve the capacity of its electricity transmission system and to ensure reliable supply for existing and future electrical needs in the Chatham-Kent and West Elgin areas.

The project involves construction of a new 230/27.6 kV transformer station (TS). The new station will step down electricity from Hydro One's high voltage transmission system to lower voltages, so that it can be distributed to homes and businesses through Hydro One's electricity distribution system. The study area for locating the new station is shown on the map below. The TS would ideally be located adjacent to the existing transmission corridor, which would allow Hydro One to connect it to an existing transmission line.



The proposed transformer station is subject to the Ontario *Environmental Assessment Act* approval in accordance with the [Class Environmental Assessment for Minor Transmission Facilities](#). The Class EA study will involve the identification and comparative evaluation of alternate sites to select a recommended site for the TS.

Subject to Class EA approval for this project, construction of the new TS could start in Spring 2009 and may be in service as soon as Spring 2010.

» Download the [Duart TS Brochure](#) (PDF 484 KB)

## The Need

Currently, Chatham-Kent and West Elgin is supplied from Kent TS and St. Thomas TS. St. Thomas TS is reaching end-of-life, and Kent TS is at capacity. A new TS is required to improve the reliability of electricity supply to customers in this region.

## Environmental Approvals Process

The Class EA process falls under the Ontario *Environmental Assessment Act* and is an effective way of ensuring that minor transmission projects that have a predictable range of effects are planned and carried out in a manner which is environmentally acceptable.

Following a consultation process with members of the public, government agencies and municipalities, a draft Environmental Study Report (ESR) is made available for stakeholder review and comment for a 30-day period. If no concerns are expressed during the 30-day review period, the project is considered to be acceptable. The final ESR is filed with the Ministry of the Environment and approval is granted.

If concerns are expressed during the 30-day review period, Hydro One will attempt to resolve them to complete the EA process. If Hydro One cannot satisfy all of the concerns, a stakeholder may submit a "bump-up" request for an Individual Environmental Assessment of the proposed undertaking. Hydro One will then consider whether a re-designation of the project is appropriate, and send its response, the draft ESR and the individual's bump-up request to the Minister of the Environment for a decision as to whether or not the project requires an Individual EA or if the project should be approved as proposed.

## Public Consultation

Public Information Centre (PIC) sessions will be held to provide the community with opportunities to learn more about the project, provide input about project options, as well as discuss any issues or concerns with our project team. The dates and locations of the upcoming PICs are:

**Public Information Centre #2**  
**Tuesday, April 7, 2009**  
**4:00 p.m. to 8:00 p.m.**  
Highgate Community Hall  
291 King Street South, Highgate, Ontario

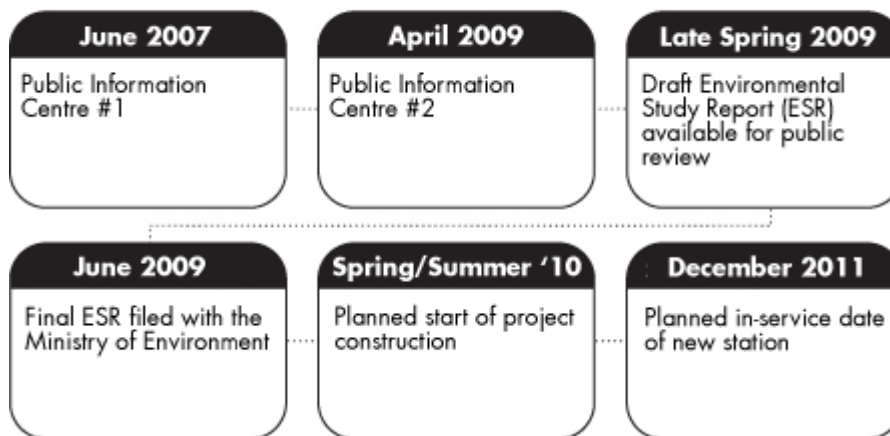
- » Download the [Newspaper Advertisement](#) (PDF 89 KB)
- » Download the [PIC Panels](#) (PDF 2.5 MB)

**Public Information Centre #1**  
**June 14, 2007**  
**4:00 p.m. to 8:00 p.m.**  
Rodney Community Centre  
135 Queen St., Rodney, Ontario

- » Download the [Newspaper Advertisement](#) (PDF 189 KB)

» Download the [PIC Panels](#) (PDF 1.4 MB)

## Timeline - Duart Transformer Station



For further information or to provide comments on this project, please contact:

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