Welcome to our Community Information Centre

Proposed Burlington to Westover Transmission Line Refurbishment

October and November, 2017

Partners in Powerful Communities

Community Information Centre overview

Meet our project team and learn more about:

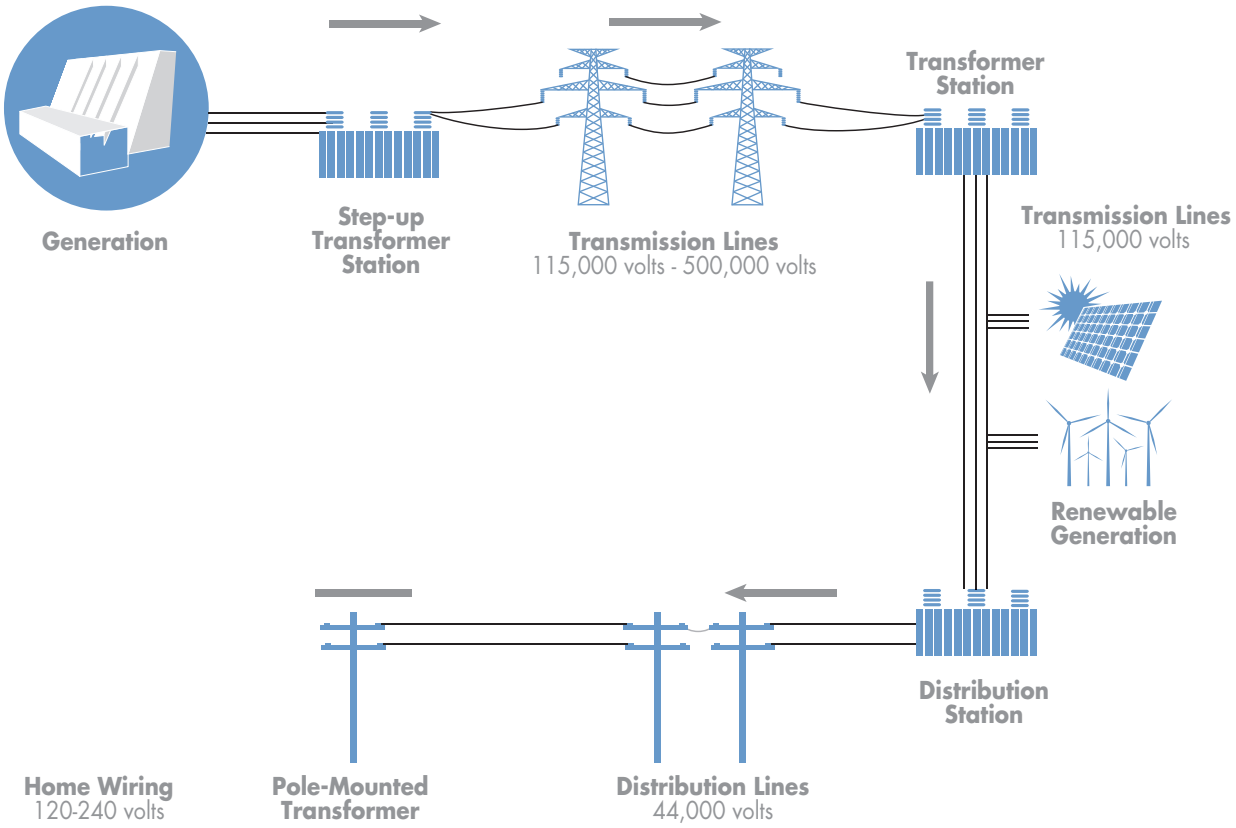
- The proposed project in your community
- The study area for the project
- The planning and approvals process
- Construction methods
- Next steps and opportunities for your participation

We're here to share information, listen to your comments or concerns, obtain your feedback and answer your questions.

How electricity is delivered to your community

ONTARIO POWER GENERATION AND PRIVATE GENERATION COMPANIES

HYDRO ONE



ALECTRA UTILITIES, BURLINGTON HYDRO OR HYDRO ONE

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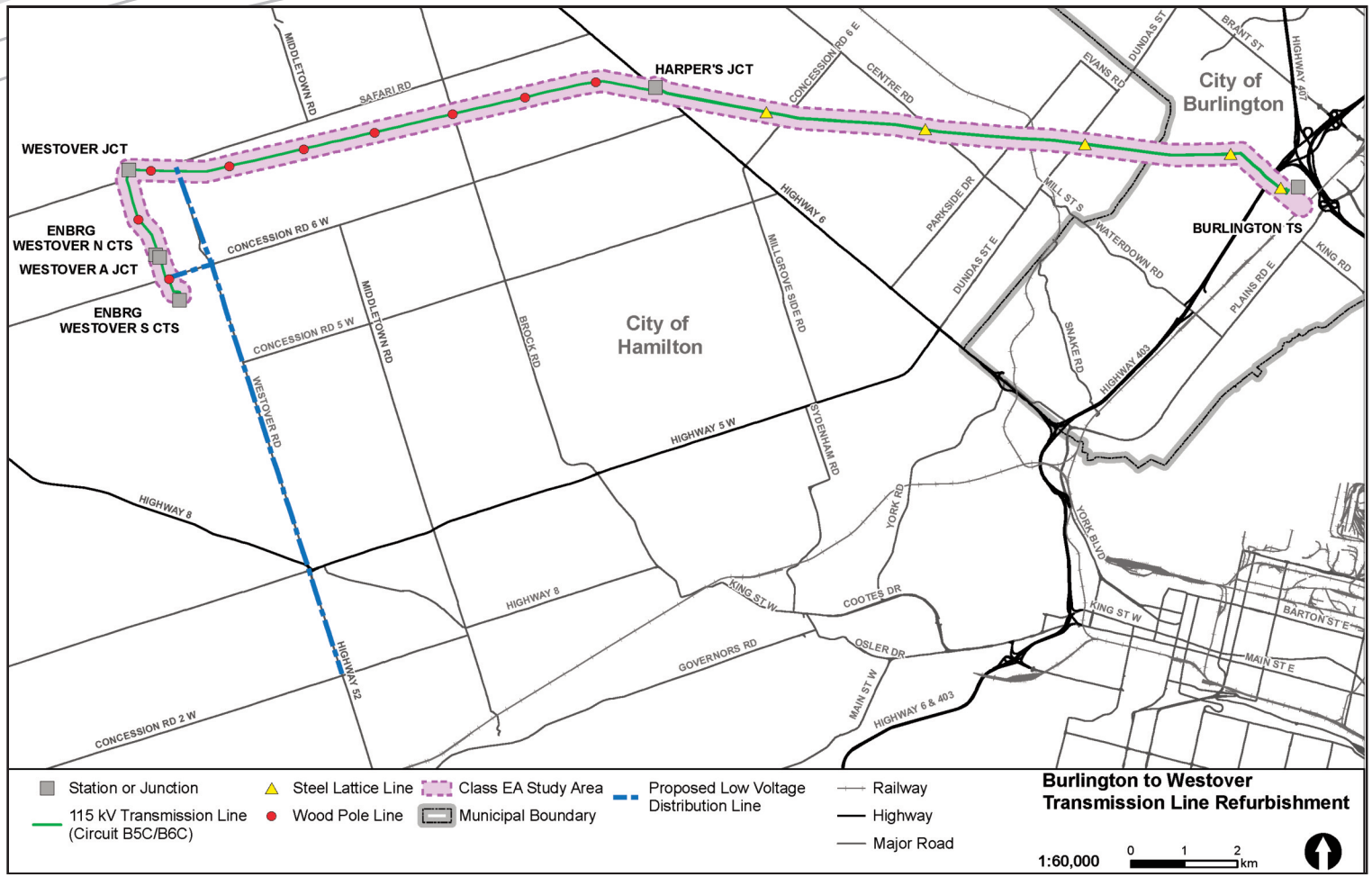
Proposed project

Hydro One has initiated the Class Environmental Assessment (EA) process for the proposed Burlington to Westover Transmission Line Refurbishment project.

The project involves refurbishing sections of the existing 115 kilovolt (kV) transmission line between Burlington Transformer Station (TS), in the City of Burlington, and Enbridge Westover Customer Transformer Station (CTS), in the City of Hamilton.

Additional work, not subject to the Class EA, includes upgrading an existing low voltage distribution line along Westover Road.

Project study area



Project need

- The existing transmission line structures were installed as early as 1945 and some are approaching their end of life.

- Hydro One must refurbish aging transmission infrastructure to ensure a continued delivery of safe, reliable electricity and minimize the risk of future power interruptions.

Refurbishing this transmission line will improve the safety and reliability of the infrastructure and the electricity grid that powers your community every day.

Project details

The proposed refurbishment work will involve:

- Replacing the existing wires, associated line hardware, and some transmission structures on the right-of-way.
- Refurbishing damaged steel lattice towers (i.e., cleaning, coating, repairing foundation and replacing steel members) between Burlington TS and Harper's Junction.
- Replacing two steel lattice towers northwest of Hwy. 403 because they no longer meet Hydro One standards.
- Replacing approximately 30 damaged wood pole structures between Harper's JCT and Enbridge Westover CTS.
- Upgrading an existing low voltage distribution line on existing poles.

Distribution line work

To ensure a continued power supply during construction, additional low voltage distribution circuits along Westover Road, from Safari Road to Concession Road 2 West, will be installed.

- The work from Safari Road to Hwy. 5 will occur within road allowance, where possible, and the existing poles will be replaced with new, taller poles.

- There is currently no distribution line from Hwy. 5 to Concession Road 8 West; new poles will be installed along this section, on road allowance where possible.

Project infrastructure

115 kV Steel Lattice Tower

115 kV Wood Pole Structure

Approvals process

- This project is subject to the provincial *Environmental Assessment Act* and will be planned in accordance with the Class Environmental Assessment for Minor Transmission Facilities (2016).
- The Class EA process contains screening provisions that may apply to this project.
- Consultation with elected officials, government agencies, First Nation communities, interest groups and the public is an important part of the Class EA process.

What does the Class EA process consider?

The Class EA process will identify potential project effects related to:

- Business and residential property owners
- Planned land uses and existing infrastructure
- Terrestrial and aquatic resources
- Environmentally sensitive areas and species
- Archaeology and heritage resources
- Recreational resources.

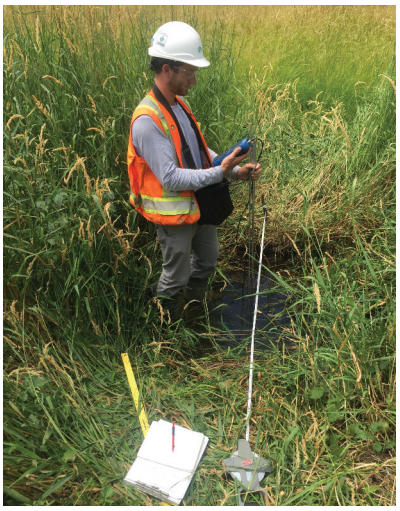
Natural Environment

Hydro One retained Golder Associates Ltd. to conduct an environmental inventory and baseline field studies for the project study area to:

- Document the existing conditions present within the study area.
- Assess potential interactions of the proposed project with natural environment features and assess the potential impact.
- Provide mitigation options to minimize or avoid potential adverse environmental effects.

Specific studies included:

- Vegetation and habitat surveys
- Breeding bird surveys
- Wildlife observations
- Species at risk studies
- Watercourse assessment



Working with your community

- Construction will be intermittent and it is expected that work will be carried out within the existing right-of-way, where possible.
- There are no power interruptions anticipated as a result of this project.
- Hydro One will work with property owners and communities along the transmission right-of-way to minimize and mitigate disruptions due to construction activities (noise, dust, traffic, etc.).
- Hydro One takes its commitment to the environment seriously, and is working with the following throughout the Class EA process:
  - Ministry of Natural Resources and Forestry
  - Conservation Halton
  - Hamilton Conservation Authority
  - Niagara Escarpment Commission
  - City of Burlington
  - City of Hamilton

Construction activities

- Remove selected vegetation where necessary for the installation of temporary access roads and work pads. This includes some work near Waterdown Woods.
  - Hydro One is working closely with Conversation Halton and the Ministry of Natural Resources and Forestry on these details.
- Replace steel components on towers and refurbish foundations where required.
- Install temporary wood poles at road crossings as a safety barrier when stringing the new wires.
- Remove and replace structures.
- Pull new wires on structures; replace line hardware where required.
- Remove temporary poles, access roads and work pads.
- Restore the right-of-way to its pre-construction condition.

Construction activities

Temporary access road

Pouring concrete

Stringing on a pole

Pulling new wire into position

Construction equipment

Bulldozers
To install temporary gravel roads and work pads

Backhoe/Excavators
To install new structures

Cranes
To dismantle existing structures and erect new structures

Restoration plan

- Temporary access roads and gravel work pads will be removed.
- Areas disturbed by construction will be restored to pre-construction conditions.
- Grass areas will be reseeded after construction is complete.

Removing temporary access road

Removing remaining crushed stone

Project timeline

First Nation, Stakeholder & Public Consultation

Class Environmental Assessment initiated	May 2017
Field studies completed	June/ July 2017
Community Information Centre	October/ November 2017
Anticipated completion of Class Environmental Assessment. Filing with the Ministry of the Environment and Climate Change	January 2018
Anticipated start of construction. Hydro One will obtain all required permits and approvals	February 2018
Planned project in-service date	August 2019

Thank you for coming

If you have any questions now,
or during construction,
please contact
Hydro One Community Relations
toll-free at:

1-877-345-6799 or email
Community.Relations@HydroOne.com

For additional project information please visit:

https://www.HydroOne.com/
burlington-to-westover

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