



COMMENT FORM  
 Power South Nepean  
 Community Information Centre  
 August 28, 2018

Thank you for attending Hydro Ottawa and Hydro One's Community Information Centre (CIC)! Please take a moment to answer a few questions, or take this comment form home and send it to us by the end of September. Your input and comments are important to us and helpful in planning this project.

1. How did you learn about this evening's Community Information Centre (CIC)? [Please check all that apply]
- Newspaper ad                       Invitation / flyer mailed or emailed to me  
 From a friend/neighbour         Other (please specify):

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2. Did you have an adequate opportunity to express your views/ask questions to the project team?  
 Yes / No

3. Did you find that tonight's CIC provided a useful update on the project?  
 Yes / No

4. Which was your preferred transmission line route and Municipal Transformer Station location?
- Option A and Cambrian Road         Option B and Barnsdale Road         Option C and Barnsdale Road

5. Why is this option your preference?

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6. Please provide any additional feedback below.

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Please provide your contact information so that we can follow-up with you on your comments or questions, and add you to our project contact list for future communications.

Name: \_\_\_\_\_

Mailing Address & Postal Code: \_\_\_\_\_

Tel: \_\_\_\_\_ Email: \_\_\_\_\_

Please leave your comment form in the comment box at this meeting or send it to:

Power South Nepean Project Team  
 c/o 177 Colonnade Road, Suite 101, Ottawa, ON, K2E 7J4  
 Tel. 1-877-345-6799; Email: [info@powersouthnepean.com](mailto:info@powersouthnepean.com)

Under the Freedom of Information and Protection of Privacy Act and the Environmental Assessment Act, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the public record files for this matter and will be released, if requested, to any person.

# POWER South Nepean Backgrounder

August 2018

## Update on route and site identification

In 2017, Hydro Ottawa and Hydro One began a Class Environmental Assessment to plan for new electricity transmission facilities required to power ongoing growth in South Nepean.

The proposed facilities would include a new Hydro Ottawa municipal transformer station (MTS) and a new 230 kilovolt (kV) transmission line to connect the MTS to Hydro One's existing 230 kV transmission system at West Hunt Club Road. To achieve the connection line, Hydro One proposed to rebuild its existing single circuit 115 kV transmission line (3 wires) on the existing transmission corridor to a double circuit line (6 wires) with 230 kV capacity.

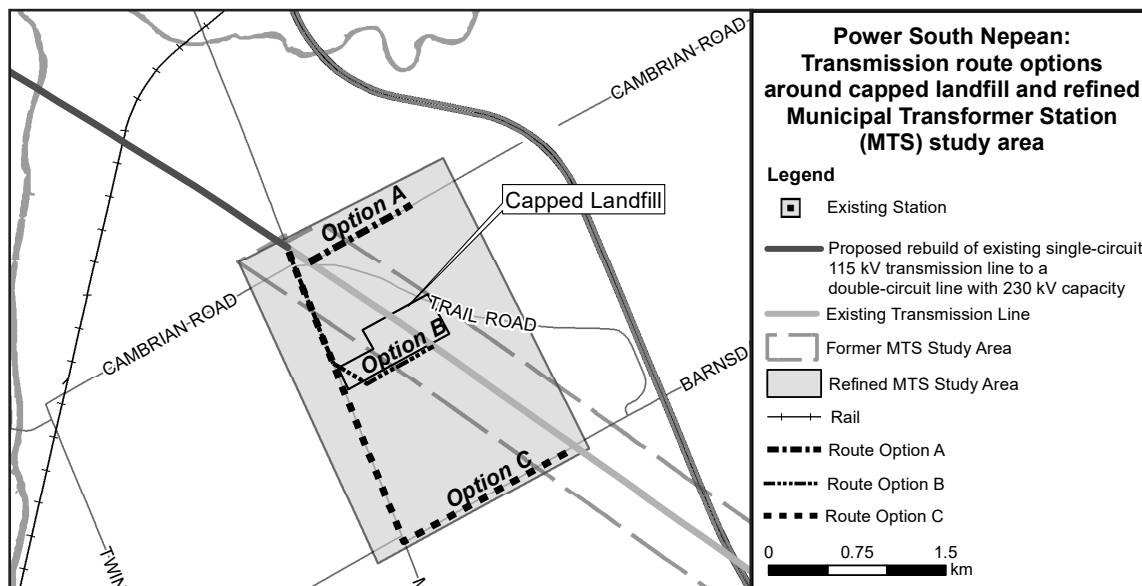
## Refined MTS study area

Hydro Ottawa has been investigating potential sites for a new MTS close to the areas slated for future development. The MTS has been refined slightly to focus on identifying a site in one of two general areas:

- 1) Along Cambrian Road, east of Moodie Drive and west of Hwy 416; or
- 2) Along Barnsdale Road near Hydro One's existing transmission line corridor.

## Transmission line route options

Discussions with the City of Ottawa have revealed significant environmental and technical challenges associated with rebuilding the existing transmission line through the capped Nepean landfill.



To avoid the capped landfill, three route options for a new 230 kV connection line on a new right-of-way are being considered, as described below and shown on the map. All route options are conceptual at this time and contingent upon technical feasibility and constructability.

**Route Option A (MTS on Cambrian Road):** Located on the north side of Cambrian Road traveling east from the existing transmission right-of-way to connect the new station.

**Route Option B (MTS on Barnsdale Road):** Travelling south on Moodie Drive from the existing transmission right-of-way near Cambrian Road, and then turning eastward on City-owned property south of the capped landfill to rejoin the existing transmission right-of-way. From this point, the route would follow the existing transmission corridor to the MTS site at Barnsdale Road.

**Route Option C (MTS on Barnsdale Road):** Travelling south on Moodie Drive from the existing transmission right-of-way near Cambrian Road to Barnsdale Road, then turning eastward along Barnsdale Road to connect the new station.