



Ontario  
Energy  
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**BY EMAIL**

September 9, 2022

Ms. Nancy Marconi  
Registrar  
Ontario Energy Board  
2300 Yonge Street, 27th Floor  
Toronto, ON M4P 1E4  
[registrar@oeb.ca](mailto:registrar@oeb.ca)

Dear Ms. Marconi:

**Re: Hydro One Networks Inc. (Hydro One)  
Leave to Construct Application  
Chatham to Lakeshore Project  
OEB Staff Supplemental Interrogatories  
Ontario Energy Board File Number: EB-2022-0140**

In accordance with Procedural Order No. 3, please find attached the OEB staff supplemental interrogatories for the above proceeding. This document has been sent to Hydro One and to all other registered parties to this proceeding.

Hydro One is reminded that its responses to supplemental interrogatories are due by September 19, 2022. Responses to interrogatories, including supporting documentation, must not include personal information unless filed in accordance with rule 9A of the OEB's *Rules of Practice and Procedure*.

Yours truly,

Andrew Bishop  
Senior Advisor, Generation & Transmission

Encl.

**Hydro One Networks Inc.**  
**Leave to Construct Application – Chatham to Lakeshore Project**  
**EB-2022-0140**  
**September 9, 2022**

**OEB Staff-18:**

Ref: (1) Exhibit B, Tab 2, Schedule 1, Attachment 1, p. 2  
(2) The Chatham to Lakeshore 230 kV Transmission Line Class Environmental Assessment: Draft Environmental Study Report

**Preamble:**

Procedural Order No. 2 established that parties may seek information related to the pricing and reliability impacts of Hydro One's proposed route. OEB Staff-18 is asked from this context.

The first reference illustrates Hydro One's preferred route for the project. It also illustrates the route of the four existing transmission circuits connecting Chatham SS to Lakeshore TS.

The Environmental Assessment (EA) indicates that three route alternatives were considered. The EA concludes that "...Route Alternative 2A is preferred because it minimizes the overall impact to the natural and socio-economic environments compared to the other Route Alternatives and minimizes impacts to agricultural lands by utilizing an existing idle transmission corridor for nearly 1/3 its length."

**Question(s):**

- a) Please briefly describe each route option considered during the EA process, including identifying the advantages and disadvantages of each.
  - When responding, please specifically identify the reasons for why expanding the existing 230 kV corridor between Chatham SS and Lakeshore TS was not determined to be the preferred route.
  
- b) Please briefly describe Hydro One's route selection process. As part of the description, please clearly articulate the reasons for why the preferred route was selected.
  - When responding, please specifically identify the steps Hydro One has taken to ensure that a cost-effective route is selected.