

Hydro One Networks Inc.
7th Floor, South Tower
483 Bay Street
Toronto, Ontario M5G 2P5
www.HydroOne.com

Tel: (416) 345-5317
Carla.Molina@HydroOne.com



Carla Molina
Regulatory Coordinator
Regulatory Research and Administration
Regulatory Affairs

BY EMAIL AND RESS

August 30, 2021

Ms. Christine E. Long
Registrar
Ontario Energy Board
Suite 2700, 2300 Yonge Street
P.O. Box 2319
Toronto, ON M4P 1E4

Dear Ms. Long:

**EB-2021-0136 – Hydro One Networks Inc. Leave to Construct Application – Richview TS
by Trafalgar TS Reconductoring Project – Affidavit of Service**

Please find attached Hydro One Networks Inc.'s Affidavit of Service regarding the fulfillment of the Letter of Direction, received from the Ontario Energy Board on August 6, 2021.

Sincerely,

A handwritten signature in black ink that reads "Carla Molina". The signature is written in a cursive, flowing style.

Carla Molina

Attach.

CANADA	}	IN THE MATTER OF the <i>Ontario Energy Board Act, 1998</i> ;
	}	
PROVINCE OF ONTARIO	}	AND IN THE MATTER an Application by Hydro One Networks Inc. pursuant to s. 92 of the <i>Act</i> for an Order or Orders granting leave to reconductor existing transmission line circuits along the route between Richview Transformer Station and Trafalgar Transformer Station (the “Richview TS by Trafalgar TS Reconductoring Project”, or “RTR Project”, or the “Project”) located in the municipalities of Toronto and Mississauga.
	}	
	}	AND IN THE MATTER of an Application by Hydro One Networks Inc. pursuant to s. 97 of the Ontario Energy Board Act, 1998 for an Order granting approval of the forms of the agreement offered or to be offered to affected landowners.
CITY OF VAUGHAN	}	
	}	
TO WIT:	}	

AFFIDAVIT OF CARLA MOLINA

I, Carla Molina, of the City of Vaughan, MAKE OATH AND SAY AS FOLLOWS:


1. I am employed as a Regulatory Coordinator in the Regulatory Affairs Division of the Applicant, Hydro One Networks Inc.
2. In accordance with paragraph 1 of the Ontario Energy Board’s EB-2021-0136 Letter of Direction (the “Letter”), dated August 6, 2021, the Applicant conducted a search of title sufficient to determine the current registered property owners and encumbrancers with lands or interest in the lands directly affected by the proposed upgrade and construction of the transmission line and related facilities.
3. In accordance with paragraph 2, subsections a. through m., of the Letter dated August 6, 2021, the Notice of Hearing in English and French, and the Application were served on each specified individual group by courier or email. Where an email address was available, an electronic copy of the Notice of Hearing in English and French, and of the Application, were provided. A copy of the courier manifest is attached as Exhibit “A”. A copy of the email correspondence is attached as Exhibit “B1” and “B2”.

4. In accordance with paragraph 3 of the Letter dated August 6, 2021, the Notice of Hearing in English and French, and the Application and Evidence have been placed on the Applicant's external website, Exhibit "C". A copy will be provided for public review upon the time when the Applicant's office becomes available to the public.

The Notice of Hearing and the Application and Evidence can be found at the following website:

<https://www.HydroOne.com/abouthydroone/RegulatoryInformation/oebapplications>

SWORN remotely via video conferencing at the }
City of Vaughan, in the Region of York, before }
me at the City of Toronto, this 30th day of August, }
2021, in accordance with O.Reg. 431/20, }
Administering Oath or Declaration Remotely. }



Commissioner for Taking Affidavits
Michael Engelberg – Assistant General Counsel



Carla Molina

Account: XXXXXXXXXX
 CanShip Plus Ver: 2.3.17 (Rpt: 2.3.15)
 On-line number: AR9

Shipping Date: Aug 23, 2021
 Manifest #: AR90136
 Page: 2 of 4 (Reprinted)

Driver Summary Manifest
 Canpar Transport L.P.
 Daily Shipment Summary For: HYDRO ONE - DX RATE

Service	Shpmnts	Pieces	Weight Kgs	Freight Charge	C.O.D. Charge	Declared Charge	Add'tl Charges	Sub Total	Fuel	Total Charge
GROUND	24	24	12	115.14	0.00	0.00	2.25	117.39	14.18	131.57
SUB TOTALS:	24	24	12	115.14	0.00	0.00	2.25	117.39	14.18	131.57


ADDITIONAL CHARGES		RATE TABLES USED	
Extended Area	0.00	Ground:	OGGNDICSIC19000101
Residential	0.00	USA	
Extra Care	0.00	Select:	
Pickup Tag	0.00	Overnight:	

SUB TOTAL: 131.57
HST: 10.93
QST: 0.00
GST: 2.41

Total Add'tl 2.25

COD Count : 0

GRAND TOTAL This is Exhibit "A" to the Affidavit of

Carla Molina, Sworn before
 me this 30 day of August, 2021.

 Commissioner of Oaths

Account: XXXXXXXXXX
 CanShip Plus Ver: 2.3.17 (Rpt: 2.3.15)
 On-line number: AR9

Shipping
 Manifest #: AR90136
 Page: 3 of 4

Shipper Detail Manifest
 Canpar Transport L.P.
 Daily Shipment Manifest For: HYDRO ONE - DX RATE

Details	Consignee Info	Charges
Service: GROUND D970326767601 #1 of 1 Ref:EB-2021-0135-	407 ETR CONNCESSION COMPANY LIMITED L4H1J1 Standard Wt: 0.06	Shipment Total 4.28
Service: GROUND D970326767701 #1 of 1 Ref:EB-2021-0135	ALECTRA INC. L5N7A6 Standard Wt: 0.06	Shipment Total 4.28
Service: GROUND D970326767801 #1 of 1 Ref:EB-2021-0135	BCE INC. H3E3B3 Standard Wt: 0.06	Shipment Total 8.25
Service: GROUND D970326767901 #1 of 1 Ref:2021-0135	CANADIAN PACIFIC T2C4X9 Standard Wt: 0.06	Shipment Total 10.50
Service: GROUND D970326768001 #1 of 1 Ref:2021-0135	CITY OF TORONTO M5H2N2 Standard Wt: 0.06	Shipment Total 4.28
Service: GROUND D970326768101 #1 of 1 Ref:2021-0135	CLEARNET PCS INC. M1H3J3 Standard Wt: 0.06	Shipment Total 4.28
Service: GROUND D970326768201 #1 of 1 Ref:2021-0135	ENBRIDGE GAS M2J1P8 Standard Wt: 0.06	Shipment Total 4.28
Service: GROUND D970326768301 #1 of 1 Ref:2021-0135	IMPERIAL OIL LTD. T2C5N1 Standard Wt: 0.06	Shipment Total 10.50
Service: GROUND D970326768401 #1 of 1 Ref:2021-0135	INFRASTRUCTURE ONTARIO M5G2C8 Standard Wt: 0.06	Shipment Total 4.28
Service: GROUND D970326768501 #1 of 1 Ref:2021-0135	INTERPROVINCIAL PIPE LINE LIMITED M5X1A9 Standard Wt: 0.06	Shipment Total 4.28
Service: GROUND D970326768601 #1 of 1 Ref:2021-0135	METROLINX M5J2W3 Standard Wt: 0.06	Shipment Total 4.28

Service: GROUND D970326768701 #1 of 1 Ref:2021-0135	MINISTRY OF TRANSPORTATION M3M1J8 Standard Wt: 0.06	Shipment Total 4.28
Service: GROUND D970326768801 #1 of 1 Ref:EB-2021-0135	NATIONAL BANK OF CANADA H3B4S9 Standard Wt: 0.06	Shipment Total 8.25
Service: GROUND D970326768901 #1 of 1 Ref:EB-2021-0135	SUN-CANADIAN PIPE LINE COMPANY LIMITED L0R2H0 Standard Wt: 0.06	Shipment Total 6.53
Service: GROUND D970326769001 #1 of 1 Ref:EB-2021-0135	REGION OF PEEL L6T4B9 Standard Wt: 0.06	Shipment Total 4.28
Service: GROUND D970326769101 #1 of 1 Ref:EB-2021-0135	TC ENERGY CORPORATION T2P5H1 Standard Wt: 0.06	Shipment Total 10.50
Service: GROUND D970326769201 #1 of 1 Ref:EB-2021-0135	THE BANK OF NOVA SCOTIA M5H1H1 Standard Wt: 0.06	Shipment Total 4.28
Service: GROUND D970326769301 #1 of 1 Ref:EB-2021-0135	THE MINISTRY OF THE ENVIRONMENT M7A2J3 Standard Wt: 0.06	Shipment Total 4.28
Service: GROUND D970326769401 #1 of 1 Ref:EB-2021-0135	ELECTRICAL SAFETY AUTHORITY N1T2H9 Standard Wt: 0.06	Shipment Total 4.28
Service: GROUND D970326769501 #1 of 1 Ref:EB-2021-0135	TRANS-NORTHERN PIPELINES INC. L4B3P6 Standard Wt: 0.06	Shipment Total 4.28
Service: GROUND D970326769601 #1 of 1 Ref:EB-2021-0135	MINISTRY OF INFRASTRUCTURE M5G2C8 Standard Wt: 0.06	Shipment Total 4.28

Account: XXXXXXXXXX
 CanShip Plus Ver: 2.3.17 (Rpt: 2.3.15)
 On-line number: AR9

Shipping Date: Aug 23, 2021
 Manifest #: AR90136
 Page: 4 of 4

Shipper Detail Manifest
 Canpar Transport L.P.
 Daily Shipment Manifest For: HYDRO ONE - DX RATE

Details	Consignee Info	Charges
Service: GROUND D970326769701 #1 of 1 Ref:EB-2021-0135	MINISTRY OF THE ATTORNEY GENERAL M7A2S9 Standard Wt: 0.06	Shipment Total 4.28
Service: GROUND D970326769801 #1 of 1 Ref:EB-2021-0135	ONTARIO INFRASTRUCTURE & LANDS M5G2L5 Standard Wt: 0.06	Shipment Total 4.28
Service: GROUND D970326769901 #1 of 1 Ref:EB-2021-0135	THE CORP. OF THE CITY OF MISSG L5B3C1 Standard Wt: 0.06	Shipment Total 4.28

Total	:	131.57
H.S.T.	:	10.93
Q.S.T.	:	0.00
G.S.T.	:	2.41
Grand Total	:	<u>144.91</u>

Hydro One Networks Inc.

7th Floor, South Tower
483 Bay Street
Toronto, Ontario M5G 2P5

Regulatory@HydroOne.com
www.HydroOne.com



Eryn MacKinnon

Senior Regulatory Coordinator
Regulatory Affairs

BY EMAIL

August 24, 2021

EB-2021-0135 – Hydro One Networks Inc. s.92 Richview TS to Trafalgar Reconductoring Project Application – Notice

Hydro One Networks Inc. ("**Hydro One**") has applied to the Ontario Energy Board ("**OEB**") for permission to reconductor approximately 21.7 kilometres of a high-voltage transmission line from Trafalgar Transmission Station to Richview Transmission Station, in the cities Mississauga and Toronto.

You are receiving the attached Notice as you have been identified as either a registered property owner/encumbrancer or you are the representative of a group/agency for which Hydro One has been directed by the OEB to send this Notice. You can send the OEB a letter with your comments, which will be considered during the hearing; or you can ask the OEB for permission to be an intervenor in the hearing. If you wish to be an intervenor, the OEB must receive your request by **September 6, 2021**.

In accordance with the OEB's Letter of Direction, dated August 6, 2021, I am hereby enclosing a copy of the English and French language form of the OEB Notice of Hearing and Hydro One's Application which was filed on July 16, 2021.

Hydro One's s.92 Richview TS to Trafalgar Reconductoring Project Application and Evidence documents, including the Notice, can be found at the following link:

www.hydroone.com/abouthydroone/RegulatoryInformation/oebapplications

Sincerely,

E. MacKinnon

Eryn MacKinnon

This is Exhibit "**B1**" to the Affidavit of

Carla Molina, Sworn before

me this 30 day of August, 2021.

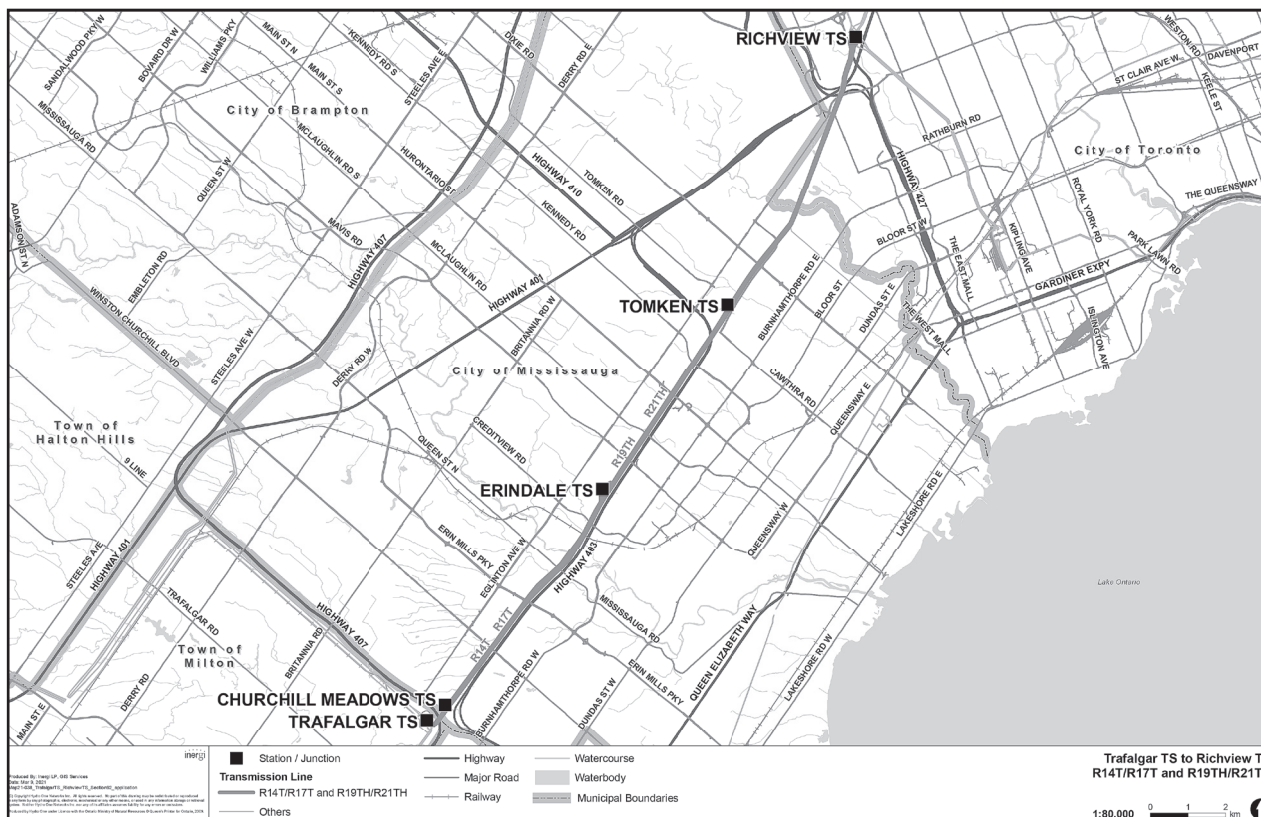
M. Engelberg
Commissioner of Oaths

Encl: Ontario Energy Board Notice of Hearing (English);
Ontario Energy Board Notice of Hearing (French);
Hydro One Networks Inc. s.92 Trafalgar TS to Richview TS Reconductoring Project Application

ONTARIO ENERGY BOARD NOTICE

Hydro One Networks Inc. has applied to the Ontario Energy Board to reconductor a high-voltage transmission line.

Learn more.



Hydro One Networks Inc. is asking the Ontario Energy Board for permission to reconductor approximately 21.7 kilometres of single circuit 230 kilovolt transmission line from Trafalgar Transformer Station to Richview Transformer Station and 13.7 kilometres of single circuit 230 kilovolt transmission line from Trafalgar Transformer Station to Tomken Junction. The work will be completed in the cities of Toronto and Mississauga. These facilities are required to facilitate increased transfers from western Ontario supply and to increase the efficiency of the Ontario electricity grid.

Hydro One is also asking the Ontario Energy Board for approval to perform related enabling work along the circuits and for the forms of agreement it offers to landowners to use their land for routing or construction of the proposed line.

A map of the proposed route for the transmission line is provided above.

THE ONTARIO ENERGY BOARD (OEB) WILL HOLD A PUBLIC HEARING

The OEB is an independent and impartial public agency. It will hold a public hearing to consider Hydro One's requests. During the hearing, which could be a written or oral hearing, the OEB will consider evidence and arguments by Hydro One and by participants (individuals, municipalities and others whose interests would be affected) that have registered to participate in the hearing (called intervenors).

SCOPE OF THE OEB'S HEARING

It is important to note that the OEB's hearing is not the only approval process required before a transmission line is built. The scope of the OEB's legislative authority with respect to applications seeking leave to construct electricity transmission lines is set out in sections 92 and 96 of the *Ontario Energy Board Act, 1998*. When determining whether the proposed project is in the public interest, the *Ontario Energy Board Act* specifies that the OEB shall only consider the interests of consumers with respect to prices and the reliability and quality of electricity service. As required under section 97 of the *Ontario Energy Board Act*, the OEB will also consider matters related to the form of agreement that Hydro One offers to landowners affected by the route or location of the transmission line. More information on the types of issues that the OEB will consider in this hearing are provided on the OEB's website: <https://www.oeb.ca/sites/default/files/issues-list-LTC-electricity.pdf>

Parties to the proceeding are required to limit their participation to areas that fall within the OEB's legislative mandate. For example, environmental issues, or issues related to the government's duty to consult indigenous people, are not in scope of the OEB's review unless there is a direct impact on price and the reliability and quality of electricity service.

BE INFORMED AND HAVE YOUR SAY

You have the right to information regarding Hydro One's application. You can read Hydro One's application on the OEB's website now.

If you would be affected by the proposed transmission line, you may want to take a more active role in the hearing.

- You can send the OEB a letter with your comments, which will be considered during the hearing; OR
- You can ask the OEB for permission to be an intervenor in the hearing. As an intervenor, you can ask questions about Hydro One's application and make arguments on whether the OEB should approve Hydro One's request. To be an intervenor, a party must be affected by the transmission line in a way that relates directly to the issues the OEB will consider. If you wish to be an intervenor, the OEB must receive your request by **September 6, 2021**.

LEARN MORE

Our file number for this case is **EB-2021-0136**. To learn more about this hearing, find instructions on how to file a letter with your comments or become an intervenor, or to access the documents related to this case, please select the file number **EB-2021-0136** from the list on the OEB website: www.oeb.ca/noticelc. You can also phone Andrew Pietrewicz at 1-888-632-6273 extension 642.

ORAL VS. WRITTEN HEARINGS

There are two types of OEB hearings – oral and written. The OEB will determine later in the process whether to hold an oral or a written hearing in this case. If you think an oral hearing is needed, you can write to the OEB to explain why by **September 6, 2021**.

PRIVACY

If you write a letter with your comments, your name and the content of your letter will be put on the OEB's public record and the OEB website. However, your personal telephone number, home address and email address will be removed. If you are a business, all your information will be public. If you apply to become an intervenor, all your information will be public.

This hearing will be held under sections 92, 96 and 97 of the *Ontario Energy Board Act, 1998, S.O. 1998, c.15, Schedule B*.

Ontario Energy Board
P.O. Box 2319, 27th Floor
2300 Yonge Street
Toronto, ON M4P 1E4

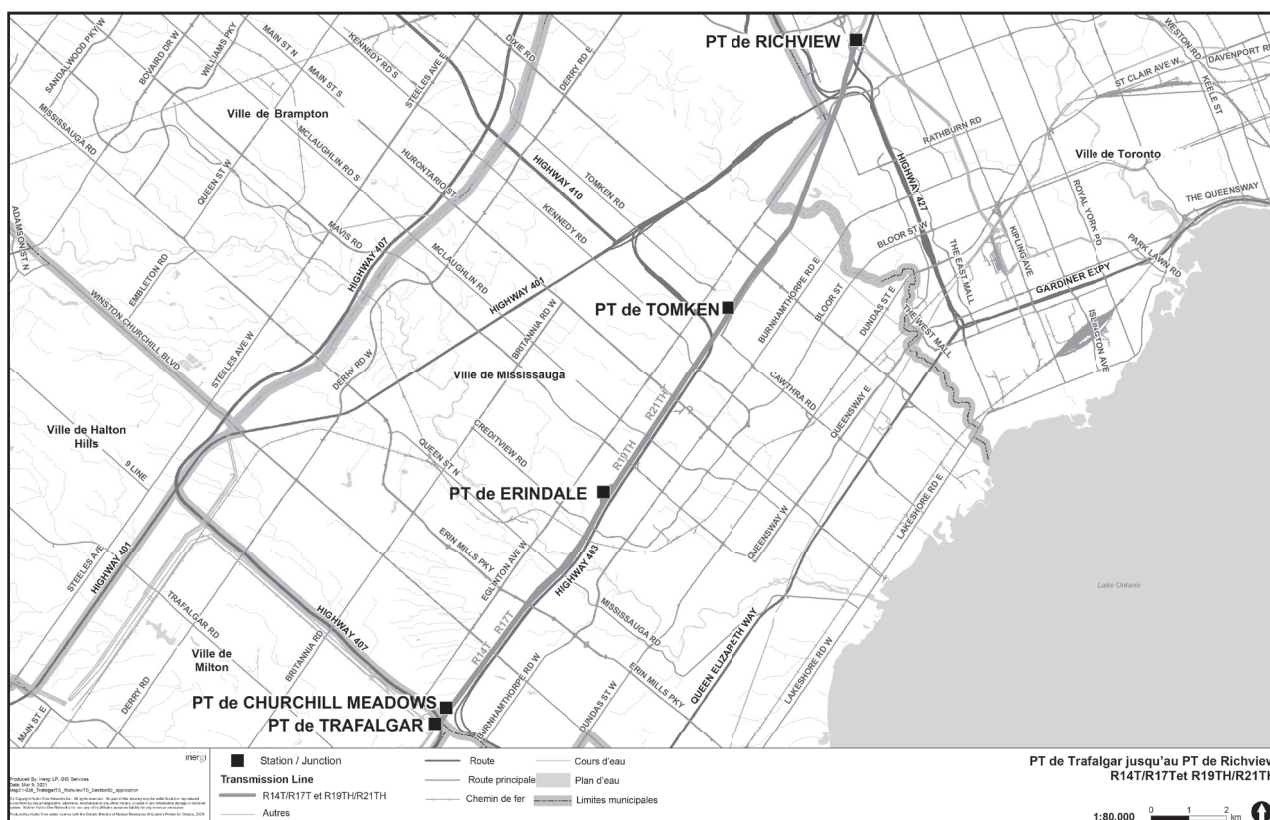
Attention: Registrar
filings: <https://pes.ontarioenergyboard.ca/eservice>
e-mail: registrar@oeb.ca



Ontario Energy Board | Commission de l'énergie de l'Ontario

Hydro One Networks Inc. a déposé une requête auprès de la Commission de l'énergie de l'Ontario en vue de refaire le câblage d'une ligne de transport de haute tension.

En savoir plus.



Hydro One Networks Inc. demande à la Commission de l'énergie de l'Ontario l'autorisation de refaire le câblage d'environ 21,7 kilomètres de lignes de transport à circuit unique de 230 kilovolts du poste de transformation de Trafalgar jusqu'au poste de transformation de Richview et de 13,7 kilomètres de lignes de transport à circuit unique de 230 kilovolts du poste de transformation de Trafalgar jusqu'à la jonction de Tomken. Les travaux seront réalisés dans les villes de Toronto et de Mississauga. Ces installations sont nécessaires pour faciliter les transferts accrus depuis l'approvisionnement dans l'Ouest de l'Ontario et pour accroître l'efficacité et l'efficiency du réseau électrique de l'Ontario.

Hydro One demande également à la Commission de l'énergie de l'Ontario d'approuver la réalisation de travaux de fond connexes le long des circuits ainsi que les formes de l'entente qu'elle propose aux propriétaires fonciers afin d'utiliser leurs terres pour le tracé ou la construction de la ligne proposée.

Un plan du tracé proposé pour la ligne de transport est fourni ci-dessus.

LA COMMISSION DE L'ÉNERGIE DE L'ONTARIO (CEO) TIENDRA UNE AUDIENCE PUBLIQUE

La CEO est une agence publique indépendante et impartiale. Elle tiendra une audience publique afin d'étudier les requêtes d'Hydro One. Au cours de l'audience, qui pourrait être une audience écrite ou orale, la CEO examinera les preuves et les arguments d'Hydro One et des participants (particuliers, municipalités et autres dont les intérêts seraient en jeu) qui se sont inscrits pour participer à l'audience (appelés intervenants).

PORTÉE DE L'AUDIENCE DE LA CEO

Il est important de noter que l'audience de la CEO n'est pas le seul processus d'approbation requis avant la construction d'une ligne de transport. La portée de l'autorité législative de la CEO en ce qui concerne les demandes d'autorisation visant la construction de lignes de transport d'électricité est énoncée aux articles 92 et 96 de la Loi de 1998 sur la Commission de l'énergie de l'Ontario. La Loi sur la Commission de l'énergie de l'Ontario précise que, pour déterminer si le projet proposé est dans l'intérêt du public, la CEO ne doit tenir compte que des intérêts des consommateurs en ce qui concerne les prix ainsi que la fiabilité et la qualité du service d'électricité. Comme l'exige l'article 97 de la Loi sur la Commission de l'énergie de l'Ontario, la CEO examinera également les questions liées à la forme de l'entente qu'Hydro One propose aux propriétaires fonciers concernés par le tracé ou l'emplacement de la ligne de transport. De plus amples renseignements sur les types de questions que la CEO examinera au cours de cette audience sont disponibles sur le site Web de la CEO : <https://www.oeb.ca/fr/industrie/demandes-en-cours/normes-de-rendement>

Les parties à l'instance sont tenues de limiter leur participation aux domaines qui relèvent du mandat législatif de la CEO. Par exemple, les questions environnementales, ou les questions liées à l'obligation du gouvernement de consulter les populations autochtones, ne sont pas du ressort de la CEO, sauf si elles ont des incidences directes sur le prix et sur la fiabilité et la qualité du service d'électricité.

RENSEIGNEZ-VOUS ET DONNEZ VOTRE AVIS

Vous avez le droit d'être informé au sujet de la requête d'Hydro One. Vous pouvez consulter la requête d'Hydro One sur le site Web de la CEO dès maintenant.

Si vous êtes concernés par la ligne de transport proposée, vous voudrez peut-être participer activement à l'audience de l'une des façons suivantes :

- Vous pouvez envoyer à la CEO une lettre de commentaires qui sera prise en compte au cours de l'audience;
- Vous pouvez demander à la CEO la permission de participer à l'audience à titre d'intervenant. En tant qu'intervenant, vous pouvez poser des questions sur la requête d'Hydro One et présenter les raisons pour lesquelles la CEO devrait approuver la requête d'Hydro One. Pour obtenir le statut d'intervenant, une partie doit être directement concernée par les éléments qui seront pris en compte par la CEO. Si vous souhaitez devenir intervenant, la CEO doit recevoir votre demande au plus tard le **6 septembre 2021**.

EN SAVOIR PLUS

Le numéro de référence pour ce dossier est **EB-2021-0136**. Pour obtenir de plus amples renseignements sur cette audience, sur les démarches à suivre pour déposer une lettre contenant vos commentaires, participer en tant qu'intervenant ou pour consulter les documents relatifs à cette affaire, veuillez sélectionner le numéro de dossier **EB-2021-0136** dans la liste sur le site Web de la CEO : <https://www.oeb.ca/fr/participez/applications/requetes-tarifaires-en-cours>. Vous pouvez également téléphoner à Andrew Pietrewicz au 1 888 632-6273, poste 642.

AUDIENCES ORALES OU AUDIENCES ÉCRITES

Il existe deux types d'audiences à la CEO : les audiences orales et les audiences écrites. La CEO décidera ultérieurement de traiter l'affaire par voie d'audience orale ou écrite. Si vous estimez qu'avoir recours à une audience orale serait préférable, vous pouvez écrire à la CEO pour lui présenter vos arguments d'ici le **6 septembre 2021**.

PROTECTION DES RENSEIGNEMENTS PERSONNELS

Si vous écrivez une lettre de commentaires, votre nom et le contenu de cette lettre apparaîtront dans le dossier public et sur le site Web de la CEO. Toutefois, votre numéro de téléphone, votre adresse de domicile et votre adresse électronique ne seront pas rendus publics. Si vous représentez une entreprise, tous les renseignements de l'entreprise demeureront accessibles au public. Si vous participez à titre d'intervenant, tous vos renseignements personnels seront rendus publics.

Cette audience sur les tarifs sera tenue en vertu des articles 92, 96 et 97 de la Loi de 1998 sur la Commission de l'énergie de l'Ontario, L.O. 1998, chap. 15 (annexe B).

Commission de l'énergie de l'Ontario
C.P. 2319, 27^e étage
2300, rue Yonge, Toronto (Ontario) M4P 1E4
À l'attention de : Registraire
Dépôts : <https://pes.ontarioenergyboard.ca/eservice>
Courriel : registrar@oeb.ca



Ontario Energy Board | **Commission de l'énergie de l'Ontario**

1 **ONTARIO ENERGY BOARD**

2
3 **IN THE MATTER OF** the *Ontario Energy Board Act, 1998*;

4
5 **AND IN THE MATTER OF** an Application by Hydro One Networks Inc. pursuant to s. 92 of
6 the *Act* for an Order or Orders granting leave to reconductor existing transmission line
7 circuits along the route between Richview Transformer Station and Trafalgar
8 Transformer Station (the “Richview TS by Trafalgar TS Reconductoring Project”, or “RTR
9 Project”, or the “Project”) located in the municipalities of Toronto and Mississauga.

10
11 And in the matter of an Application by Hydro One Networks Inc. pursuant to s. 97 of the
12 *Act* for an Order granting approval of the forms of the `agreement offered or to be
13 offered to affected landowners

14
15 **APPLICATION**

- 16 1. The Applicant is Hydro One Networks Inc. (“Hydro One”), a subsidiary of Hydro
17 One Inc., herein referred to as “the Applicant”. Hydro One is an Ontario
18 corporation with its head office in Toronto and is licensed under Ontario Energy
19 Board (“OEB” or the “Board”) Electricity Transmitter Licence No. ET-2003-0035.
20 Hydro One carries on the business, among other things, of owning and operating
21 transmission facilities within Ontario.
- 22 2. Hydro One hereby applies to the Ontario Energy Board (the “Board”) pursuant to
23 s. 92 of the *Ontario Energy Board Act, 1998* (the “Act”) for an Order or Orders
24 granting leave to reconductor four existing 230 kV circuits between Richview
25 Transformer Station (“TS”) and Trafalgar TS. The RTR Project will facilitate
26 increased transfer capability on the *Flow East Towards Toronto* (“FETT”)

- 1 interface¹ by approximately 2,000 MW. The IESO has identified a need for
2 additional capacity east of the FETT interface by 2026. Please refer to the Project
3 Area Map for an illustration of the existing transmission line routes and the
4 existing station locations filed at **Exhibit C, Tab 2, Schedule 1, Attachment 1**.
- 5 3. The RTR Project will involve the reconductoring of four existing 230 kV
6 transmission circuits, described as:
- 7 • Circuits known as R14T and R17T between Trafalgar TS and Richview TS,
8 a distance of approximately 21.7 km; and
 - 9 • Circuits known as R19TH and R21TH - between Trafalgar TS and
10 Tomken Junction (“JCT”), a distance of approximately 13.7 km.
- 11 4. A Single Line Diagram of the 230 kV Transmission Corridor between Richview TS
12 and Trafalgar TS, provided at **Exhibit B, Tab 2, Schedule 1, Figure 2**, provides a
13 visual representation of the individual sections of the four circuits that will be
14 reconducted as part of this Project.
- 15 5. A *Project Area Map* illustration of the existing transmission circuit routes and the
16 existing station locations is filed at **Exhibit C, Tab 2, Schedule 1, Attachment 1**
17 and is also provided for the OEB to use this as the *Notice Map*.
- 18 6. Each individual 230 kV circuit currently consists of three phases, with each phase
19 consisting of a single conductor. The RTR Project will reconductor each circuit
20 with the same ‘one conductor per phase’ circuit configuration. Each
21 reconducted circuit will continue to operate at 230 kV line voltage. Each circuit
22 will continue to be carried on the same tower series between Richview TS and
23 Trafalgar TS, and these towers will continue to remain on the current
24 transmission right-of-way, with the same centre line. In addition to the

¹ The FETT interface is defined by four 500kV circuits into Claireville TS, two 230 kV circuits out of Orangeville TS (measured east of Everett TS) and four 230kV circuits out of Trafalgar TS. This transfer stresses the FETT interface of the power system by transferring power from the Southwest, Bruce, Niagara and West Zones to the Toronto Zone. A schematic diagram of the FETT interface can be found at Exhibit B, Tab 2, Schedule 1, Figure 1.

1 reconductoring, the following related work will be undertaken as part of the RTR
2 Project:

- 3 • Replace insulators on the circuit sections that will be reconducted;
- 4 • Replace the existing skywire carried on one of the tower series,
5 specifically the tower series that carries circuits R14T and R17T, with
6 optical ground wire (“OPGW”) between Richview TS and Trafalgar TS;
- 7 • Reinforce existing tower structures, as appropriate, to meet Hydro
8 One’s current standards for these reconducted circuits to withstand
9 applicable wind and ice loads for the circuit’s design;
- 10 • Replace six existing towers to meet the standard required for the
11 reconducted circuits; and
- 12 • Performing necessary protection and control work to facilitate the
13 connection and effective operation of the reconducted circuits.

14 7. The need for the Project has been established by the Independent Electricity
15 System Operator (“IESO”), via their hand-off letter (the “Letter”) dated
16 December 10, 2020, and further substantiated in the IESO’s Need Report titled,
17 *Trafalgar TS x Richview TS 230 kV Line Upgrade: Need and Selection of the*
18 *Preferred Plan*, both provided at **Exhibit B, Tab 3, Schedule 1, Attachment 1 and**
19 **Attachment 3** respectively, and together with both **Exhibit B, Tab 3, Schedule 1,**
20 **and Attachment 2** (cost related evidence), are referred to as the “**Need**
21 **Evidence**”.

22 8. The proposed in-service date for the Project is April 2026, assuming construction
23 commencement in February 2022. The RTR Project’s Schedule is provided at
24 **Exhibit B, Tab 11, Schedule 1.**

25 9. Hydro One will rely predominantly on the statutory easement rights it enjoys on
26 Infrastructure Ontario Bill 58 lands and on other land rights it currently has for the
27 existing RTR Project circuits (R14T, R17T, R19TH and R21TH) right-of-way to

- 1 construct, operate and maintain the proposed new transmission facilities. Further
2 information on land related matters is found at **Exhibit E, Tab 1, Schedule 1**.
- 3 10. This Application is also for approval of the forms of the agreement offered or to
4 be offered to affected landowners, pursuant to s. 97 of the Act. The agreements
5 are in the same form as previously approved in prior Hydro One leave to
6 construct proceedings. The agreements can be found as attachments to **Exhibit E,**
7 **Tab 1, Schedule 1**.
- 8 11. The IESO has provided a final System Impact Assessment (“**SIA**”) which concludes
9 that the RTR Project is expected to have no adverse impact on the reliability of
10 the integrated power system. The final SIA is provided as **Exhibit F, Tab 1,**
11 **Schedule 1, Attachment 1**.
- 12 12. Hydro One has completed the final Customer Impact Assessment (“**CIA**”) in
13 accordance with Hydro One’s connection procedures. The CIA results confirm that
14 the RTR Project will not have any adverse effects on the transmission-connected
15 customers of the area. A copy of the final CIA is provided as **Exhibit G, Tab 1,**
16 **Schedule 1, Attachment 1**.
- 17 13. The cost of the transmission line and related facilities for which Hydro One is
18 seeking approval is approximately \$60.9 million, of which \$56.3 million is capital
19 and will be added to rate base, and \$4.6 million is removals. The details pertaining
20 to these costs are provided at **Exhibit B, Tab 7, Schedule 1**.
- 21 14. Project economics, as filed in **Exhibit B, Tab 9, Schedule 1**, estimate there will be
22 a minimal increase in transmission rates to Ontario’s transmission ratepayers.
23 The line connection pool rate of Ontario’s Uniform Transmission Rates (“**UTRs**”)
24 will remain unchanged, whereas the network connection pool rate is forecast to
25 increase the 2020 OEB-approved rates by a 0.51%, or from the current rate of
26 \$3.92/kW/month to \$3.94/kW/month. For a typical residential customer who is
27 under the Regulated Price Plan, there will be minimal impact on rates.

1 15. The Application is supported by written evidence which includes details of Hydro
2 One's proposal for the transmission circuit work. The written evidence is prefiled
3 and may be amended from time to time prior to the Board's final decision on this
4 Application.

5 16. Given the information provided in the prefiled evidence, Hydro One submits that
6 the RTR Project is in the public interest. The Project will facilitate increased east-
7 directional transfers across the FETT via bulk transfers from western Ontario,
8 including supply from western Ontario generation, while improving the quality of
9 service and reliability.

10 17. Hydro One requests that a copy of all documents filed with the Board be served
11 on the Applicant and the Applicant's counsel, as follows:

12

13 a) The Applicant:

14

15 Eryn MacKinnon
16 Sr. Regulatory Coordinator
17 Hydro One Networks Inc.

18

19 Mailing Address:

20

21 7th Floor, South Tower
22 483 Bay Street
23 Toronto, Ontario M5G 2P5

24 Telephone: (416) 345-4479

25 Fax: (416) 345-5866

26 Electronic access: regulatory@HydroOne.com

27

28 b) The Applicant's counsel:

29

30 Michael Engelberg
31 Assistant General Counsel
32 Hydro One Networks Inc.

33

34 Mailing Address:

35

36 8th Floor, South Tower
37 483 Bay Street

1 Toronto, Ontario M5G 2P5
2
3 Telephone: (416) 277-4692
4 Fax: (416) 345-6972
5 Electronic access: mengelberg@HydroOne.com

PROJECT OVERVIEW DOCUMENTS

This Application is seeking OEB approval for Hydro One to construct transmission facilities between Richview TS and Trafalgar TS. The Project will reconductor Hydro One's existing 230 kV transmission circuits, whose nomenclatures are R14T, R17T, R19TH and R21TH, that connect two major stations, Richview TS and Trafalgar TS, in the Cities of Toronto and Mississauga, respectively.

These four circuits are paired as follows: circuits R14T and R17T are carried together on one set of towers (a configuration often referred to as 'double circuit'), and circuits R19TH and R21TH are carried together on a separate set of towers. Both tower spans are situated adjacent to each other and run parallel on the same right-of-way corridor between Richview TS and Trafalgar TS. The distance between Richview TS and Trafalgar TS is approximately 21.7km, and in total Hydro One is proposing to reconductor approximately 70km of circuits. Further detail on the specific lengths of each circuit that will be reconducted in the RTR Project is provided below, and a visual supporting schematic diagram is provided in **Figure 2** below.

The IESO has identified the need for an increased power transfer limit across the FETT transmission interface¹. The FETT interface delivers electricity from western Ontario towards the GTA. Supply capacity east of the GTA is expected to decline² over the next decade due to the retirement of Pickering Generating Station ("GS") and the ongoing nuclear refurbishment outages. The IESO³ has determined that the generation shortfall will be met by energy supplied from western Ontario and as such will require increased capacity flow on the FETT interface. The IESO has confirmed that the FETT interface capability will need to be increased by 2000 MW, which will be achieved by

¹ Exhibit B, Tab 3, Schedule 1, Attachment 1 and Attachment 3.

² Ibid

³ Ibid

1 reconductoring the four 230 kV transmission circuits, identified above, between
2 Trafalgar TS and Richview TS.

3
4 The 230 kV circuits R14T, R17T, R19TH, and R21TH will be reconducted as follows:

- 5 i) circuits R14T and R17T, which are carried on one tower span will be
6 reconducted between Trafalgar TS and Richview TS, a length of
7 approximately 21.7km; and
- 8 ii) circuits R19TH and R21TH, which are carried on one tower span, will be
9 reconducted between Trafalgar TS and Tomken Jct, a length of
10 approximately 13.7km.

11
12 There is no requirement to reconductor two sections of 230 kV circuits, that of R19TH
13 and R21TH between Richview TS and Tomken Jct. These two sections currently have a
14 conductor installed with an adequate ampacity rating to meet the increased FETT flow
15 required, once the two above-described sections have been reconducted.

16
17 Additionally, at the same time, Hydro One will replace the existing skywire atop the
18 tower series that carries circuits R14T/R17T with an optical ground wire (“OPGW”)
19 between Richview TS and Trafalgar TS. The existing skywire was installed in 1985. The
20 combination of new conductor characteristics, generation and transmission upgrades in
21 the area, e.g. Hurontario SS, Halton Hills GS, Goreway GS, has resulted in short circuit
22 fault levels reaching the current skywire’s carrying capability. The new OPGW skywire
23 will have higher short circuit capability and will provide path diversity for the existing
24 protection and control signals that currently use the OPGW skywire installed on the
25 tower line span carrying circuits R19TH and R21TH.

26
27 Bundling the OPGW skywire replacement with the RTR Project reconductoring work is
28 economically more efficient than if Hydro One were to perform the scopes of work
29 separately. The combined scope will also minimizes outages to these critically important

1 Bulk Electric System (“BES”) classified transmission circuits, on which it has been
2 historically difficult to obtain outages.

3

4 **Figure 1**, below, shows the geographic location of the RTR Project and the FETT
5 Interface boundaries.

6



7

Figure 1: Map of the Richview TS by Trafalgar TS Reconductoring Project Area

- 1 **Figure 2**, below, schematically identifies the spans of circuit that will be reconducted.
- 2 Also identified are the locations of the connecting transmission stations and junctions
- 3 between Richview TS and Trafalgar TS. Circuit sections highlighted in red on **Figure 2**
- 4 indicate circuits that will be reconducted during the RTR Project.

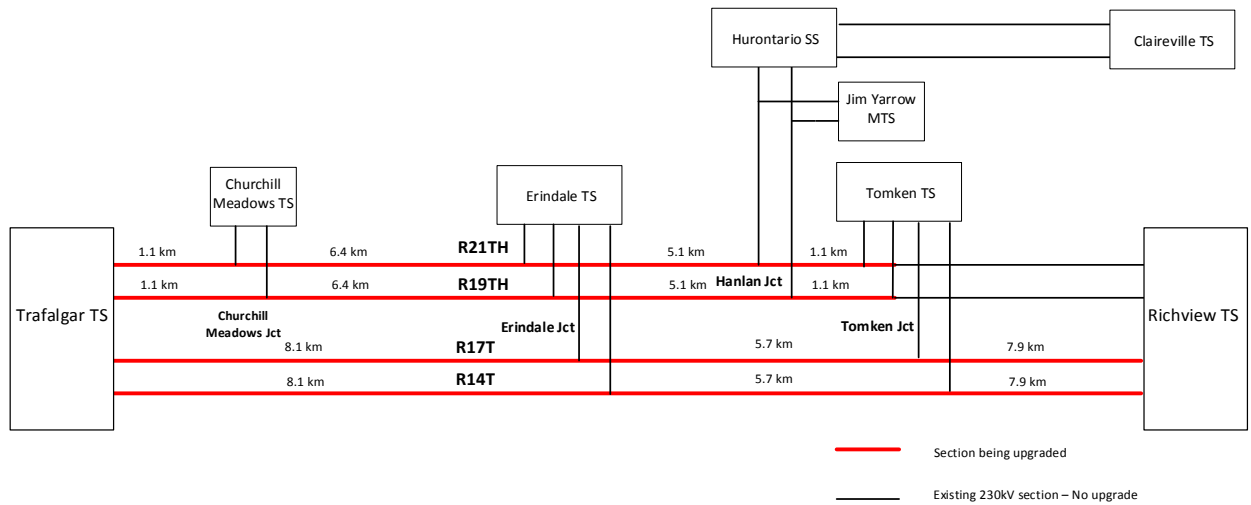


Figure 2: Single Line Diagram – 230 kV Transmission Corridor between Richview TS and Trafalgar TS.

EVIDENCE IN SUPPORT OF NEED

On December 10, 2020, the IESO provided a letter (the “**Letter**”) to Hydro One, requesting Hydro One to proceed with reconductoring the Richview TS by Trafalgar TS 230 kV transmission circuits R14T, R17T, R19TH and R21TH with 1433 kcmil aluminium conductor steel-supported (“ACSS”) conductor aimed to address an emerging supply capacity need from the decline in generation in eastern Ontario. The Letter confirms the need for the RTR Project, stating;

“Supply capacity in eastern Ontario is expected to decline over the next decade, which contributes to a provincial need for capacity and, because of limits on the transfer capability of the FETT interface, ~4,000 MW of that capacity will have to be sited east of the FETT interface by 2026. To reduce the amount of capacity that must be sited in eastern Ontario, the IESO is recommending this Project, which is expected to be completed by 2026 and will increase the transfer capability of the interface by ~2,000 MW. This Project would reduce the risk to reliability in having to acquire a large amount of capacity in eastern Ontario and would enable more resources to compete to meet provincial needs.”

The Letter confirms that the RTR Project will facilitate increased transfers from western Ontario supply resources thereby increasing the efficiency and effectivity of the Ontario grid. The IESO’s Letter provides specific direction regarding the RTR Project scope to Hydro One:

“The IESO is recommending Hydro One to proceed with conductor upgrades of the Richview TS x Trafalgar TS 230 kV transmission lines with 1433 kcmil ACSS conductor (the “Project”).”

and additionally,

“It was concluded that the use of 1433 kcmil ACSS would provide the required planning summer long term emergency (LTE) rating of 2000 A.”

1 Further information regarding the need for the Project is provided in the Letter, which is
2 filed at **Exhibit B, Tab 3, Schedule 1 Attachment 1**.

3
4 Filed at **Exhibit B, Tab 3, Schedule 1 Attachment 2** is a cost estimate that Hydro One
5 provided to the IESO in September 2020, regarding the reconductoring of specific
6 sections of four 230 kV circuits between Richview TS and Trafalgar TS, later to be known
7 as the RTR Project. This cost estimate informed the decision and direction that the IESO
8 provided to Hydro One in its Letter.

9
10 Additionally, the IESO have provided Hydro One with the Report, *'Trafalgar TS x*
11 *Richview TS 230 kV Line Upgrade: Need and Selection of the Preferred Plan'*, dated June
12 12, 2021, that further outlines the IESO's position regarding the need and subsequent
13 direction provided to Hydro One in its Letter. This report is also considered part of the
14 Need Evidence, all of which clearly identifies the Project's need, its scope, and the date
15 by which it should be completed and placed in-service. The IESO's report, as described
16 above, is filed at **Exhibit B, Tab 3, Schedule 1, Attachment 3**.

17
18 Accordingly, Hydro One is seeking approval from the OEB to undertake this
19 reconductoring project that will result in increased power flow requirements on R14T,
20 R17T, R19TH and R21TH 230 kV transmission circuits. The proposed RTR Project will
21 provide the necessary IESO-identified electricity capacity and reliability needs and will
22 facilitate additional system flows, including those from western Ontario generation.
23 Qualitative benefits of the recommended alternative are discussed in **Exhibit B, Tab 6,**
24 **Schedule 1**.

From: REGULATORY AFFAIRS
To: REGULATORY AFFAIRS
Bcc:



Subject: Hydro One Networks Inc. Richview TS to Trafalgar TS Reconductoring Project - Notice of Application
Date: Tuesday, August 24, 2021 10:53:01 AM
Attachments: HONI RxT NoticePackage 20210824.pdf

Good morning,

On July 16, 2021, Hydro One Networks Inc. has applied to the Ontario Energy Board for permission to reconductor approximately 21.7 kilometres of a high-voltage transmission line from Trafalgar Transmission Station to Richview Transmission Station, in the cities of Mississagua and Toronto.

You are receiving the attached Notice as you have been identified as either a registered property owner/encumbrancer or you are the representative of a group/agency for which Hydro One has been directed by the OEB to send this Notice. If you wish to be an intervenor, the OEB must receive your request by **September 6, 2021**.

Attached please find a copy of the OEB's Notice of Application along with Hydro One's Application.

The full Application and Evidence can be viewed on Hydro One's website at the following address:
www.hydroone.com/abouthydroone/RegulatoryInformation/oebapplications

- Application filed with the OEB on July 16, 2021
- Notice of Application issued by the OEB August 6, 2021 (aussi disponible en français)

Please contact the undersigned if you have any questions.

Sincerely,

Eryn MacKinnon
Senior Regulatory Coordinator, Regulatory Affairs

Hydro One Networks Inc.
483 Bay Street | South Tower | 7th Floor

This is Exhibit "**B2**" to the Affidavit of

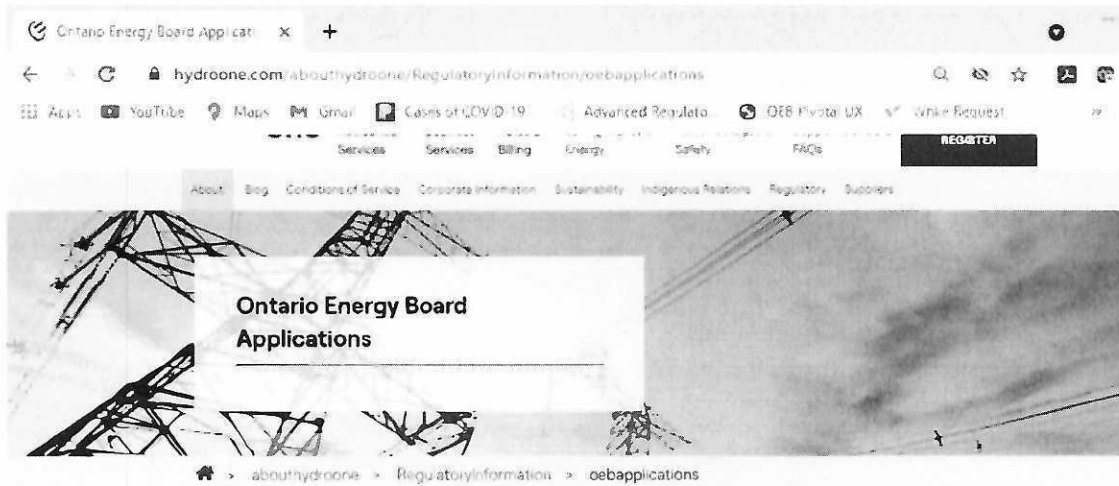
Carla Molina, Sworn before
me this 30 day of August, 2021.


Commissioner of Oaths

Toronto, ON | M5G 2P5

Email: Regulatory@HydroOne.com

www.HydroOne.com



We research, prepare, and submit applications to the Ontario Energy Board (OEB) related to rates, projects, acquisitions and operations. The OEB in turn reviews and questions the applications on behalf of the public interest.



COPIES OF ALL APPLICATIONS BELOW CAN BE VIEWED AT:

Hydro One Networks Inc. | Regulatory Affairs
Attn: Eryn MacKinnon | 416-345-4479
Regulatory@HydroOne.com
483 Bay Street | 7th Floor, South Tower | Toronto, ON M5G 2P5

EB-2021-0135 – Hydro One Networks Inc. Leave to Construct s. 92 Application - Richview TS to Trafalgar TS Reconductoring Project

- Application filed with the OEB on July 16, 2021
- Notice of Application issued by the OEB August 6, 2021 (aussi disponible en français)

EB-2021-0169 - Hydro One Networks Inc. Application for an Accounting Order to Establish a Regulatory Account for Affiliate Transmission Projects

- Application filed with the OEB May 28, 2021
- Notice of Application issued by the OEB June 29, 2021 (aussi disponible en français)

This is Exhibit “ C ” to the Affidavit of
Carla Molina, Sworn before
me this 30 day of August, 2021.

M. Angelberg
Commissioner of Oaths