

ONTARIO ENERGY BOARD

IN THE MATTER OF subsections 36.2(3), (5) and (6) of the *Electricity Act, 1998*;

AND IN THE MATTER OF a joint Application by the Independent Electricity System Operator ("the IESO") and Hydro One Networks Inc. ("Hydro One") for the Ontario Energy Board review of North American Electric Reliability Corporation ("NERC") Reliability Standard TPL-007-2 - Transmission System Planned Performance for Geomagnetic Disturbance Events and for an Order to stay the operation of TPL-007-2 in Ontario until a NERC process, referred to as a Standard Authorization Request process, to develop a variance to the Proposed Standard is complete or the United States' Federal Energy Regulatory Commission issues a ruling on the Proposed Standard, whichever occurs later.

AFFIDAVIT OF MIRIAM HEINZ

(sworn June 1, 2018)

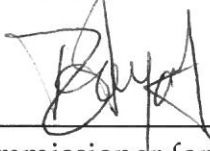
I, **Miriam Heinz**, of the City of Toronto in the Province of Ontario, MAKE OATH AND SAY AS FOLLOWS:

1. I am employed as Advisor, Regulatory Affairs, with the Independent Electricity System Operator ("IESO") and as such have knowledge of the matters hereinafter deposed to.
2. On May 18, 2018 the Ontario Energy Board ("OEB") issued the Notice of Application ("Notice") for OEB proceeding EB-2018-0119 and by Letter of Direction (attached as **Exhibit "A"** hereto) directed the IESO, to undertake a number of steps.
3. Pursuant to paragraphs 1 and 2 of the Letter of Direction, on May 30, 2018 the IESO filed with the OEB a pdf version of the complete (dated) Notice (Dated Notice) in both English and French. A copy of the email sent to the OEB is attached hereto as **Exhibit "B"**. Copies of the English and French versions of the Dated Notice are attached hereto as **Exhibits "C" and "D"** respectively.

4. Pursuant to paragraph 3 of the Letter of Direction, the IESO has made both the English and French versions of the Dated Notice, the application and the evidence available for public review at the IESO's head office reception, and on the IESO's System Reliability web page. Attached hereto as **Exhibit "E"** is the link and screenshot of the web page that demonstrates this.
  
5. Pursuant to paragraph 4 of the Letter of Direction, the IESO served a copy of the English and French versions of the Dated Notice and the application directly on:
  - a. all licensed transmitters in Ontario
  - b. all licensed generators in Ontario
  - c. Natural Resources Canada
  - d. Canadian Electricity Association
  - e. North American Electric Reliability Corporation.

Attached hereto as **Exhibit "F"** is a copy of the email sent to the parties listed from a. through e. above, including a list of undeliverable emails received.

SWORN BEFORE ME at the City of  
Toronto, in the Province of Ontario, on  
June 1, 2018



\_\_\_\_\_  
Commissioner for Taking Affidavits  
Reena Goyal



\_\_\_\_\_  
Miriam Heinz

This is Exhibit "A" referred to in the Affidavit of Miriam Heinz, sworn before me this 1st day of June, 2018.

A handwritten signature in black ink, appearing to read "Reena Goyal", written over a horizontal line.

Reena Goyal

Ontario Energy Board  
P.O. Box 2319  
27<sup>th</sup> Floor  
2300 Yonge Street  
Toronto ON M4P 1E4  
Telephone: 416-481-1967  
Facsimile: 416-440-7656  
Toll free: 1-888-632-6273

Commission de l'énergie  
de l'Ontario  
C.P. 2319  
27<sup>e</sup> étage  
2300, rue Yonge  
Toronto ON M4P 1E4  
Téléphone: 416-481-1967  
Télécopieur: 416-440-7656  
Numéro sans frais: 1-888-632-6273



**BY E-MAIL**

May 18, 2018

Ms. Tam Wagner  
Senior Manager, Regulatory Affairs  
Independent Electricity System Operator  
[RegulatoryAffairs@ieso.ca](mailto:RegulatoryAffairs@ieso.ca)

Mr. Paul Malozewski  
Senior Manager - Reliability Standards and Compliance Assurance  
Hydro One Networks Inc.  
[Regulatory@HydroOne.com](mailto:Regulatory@HydroOne.com)  
[paul.malozewski@hydroone.com](mailto:paul.malozewski@hydroone.com)

### **LETTER OF DIRECTION**

Dear Applicants:

**Re: Independent Electricity System Operator / Hydro One Networks Inc.  
Application for Review of NERC Reliability Standard TPL-007-2  
Ontario Energy Board: File No.: EB-2018-0119**

The Ontario Energy Board (OEB) has now issued its Notice of Hearing for the Review of NERC Reliability Standard TPL-007-2 (Notice). Please note that you must serve the Notice to the parties identified below **within fourteen days** of the date of this letter. If service is not possible within fourteen days, you must inform the Registrar immediately at [Registrar@oeb.ca](mailto:Registrar@oeb.ca).

You are directed:

1. To arrange immediately for the service of the enclosed English and French versions of the Notice, in the exact form accompanying this letter, except:
  - a. For the English version of the Notice, under the sections entitled "**BE INFORMED AND HAVE YOUR SAY**" and "**ORAL VS. WRITTEN HEARINGS**" remove the bold and bracketed words "**[insert actual date 10 calendar days from the date the notice is posted on the applicant's website]**"; and

- b. For the French version of the Notice, under the sections entitled “**SOYEZ RENSEIGNÉ ET DONNEZ VOTRE OPINION**” and “**AUDIENCES ÉCRITES OU ORALES**” remove the bold and bracketed words “[insérer la date, 10 jours suivant la date de publication sur le site Web du demandeur]”; and
  - c. In each of the English and the French version of the Notice, insert the same date which shall be determined by adding 10 calendar days to the date that each of the English and French versions of the Notice will be posted on the Independent Electricity System Operator’s (IESO) and Hydro One Networks Inc.’s (Hydro One) websites in accordance with the requirements of paragraph 3 below. If that date falls on a “holiday” as defined in Rule 6.02 of the OEB’s *Rules of Practice and Procedure*, insert the next date that is not a holiday. Use the following date format “**January 1, 2018**” for the English Notice and the following date format for the French Notice “**1 janvier 2018**”.
2. Once the requirements of paragraph 1 are completed, to immediately and prior to completing any other steps required in this letter of direction, file with the OEB a pdf version of the complete (dated) Notice (Dated Notice).
3. To make a copy of both the English and French versions of the Dated Notice, the application and the evidence, and any amendments thereto, available for public review at each of IESO and Hydro One’s head office and on a prominent place on each of IESO and Hydro One’s website.
4. No later than the first date on which the Dated Notice is posted on each of IESO and Hydro One’s websites in accordance with paragraph 4 above, to serve a copy of each of the enclosed English and French versions of the Dated Notice and the application directly on:
  - a. all licensed transmitters in Ontario
  - b. all licensed generators in Ontario
  - c. Natural Resources Canada
  - d. Canadian Electricity Association
  - e. North American Electric Reliability Corporation
5. To file with the OEB an affidavit in both electronic and paper forms proving completion of the matters in paragraphs 1 through 4 above immediately thereafter.
6. To provide a copy of the Notice, application and evidence, and any amendments thereto, to anyone requesting the material.

You are further directed not to include any documents or materials when serving the Notice other than documents or materials expressly required by this letter of direction to be served.

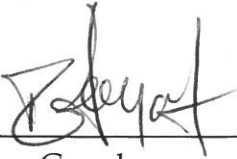
Yours truly,

*Original Signed By*

Kristi Sebalj  
**Registrar**  
**Office of the Registrar**

Encl.

This is Exhibit "B" referred to in the Affidavit of Miriam Heinz, sworn before me this 1<sup>st</sup> day of June, 2018.

A handwritten signature in black ink, appearing to read 'Reena Goyal', written over a horizontal line.

Reena Goyal

**From:** [Miriam Heinz](#)  
**To:** ["boardsec@oeb.ca"](mailto:boardsec@oeb.ca)  
**Cc:** ["regulatory@hydroone.com"](mailto:regulatory@hydroone.com); ["ian.malpass@HydroOne.com"](mailto:ian.malpass@HydroOne.com); ["Payam.Farahbakhsh@HydroOne.com"](mailto:Payam.Farahbakhsh@HydroOne.com)  
**Subject:** IESO / Hydro One dated notices EB-2018-0119 (Review NERC Reliability Standard TPL-007-2)  
**Date:** May 30, 2018 10:29:00 AM  
**Attachments:** [Notice IESO Hydro One GDE E EB-2018-0119 20180530.pdf](#)  
[Notice IESO Hydro One GDE FR VLR 20180530.pdf](#)

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Good morning. In accordance with paragraph 2 of the Ontario Energy Board's (OEB) Letter of Direction dated May 18, 2018 in the above noted application, the IESO and Hydro One are hereby filing with the OEB, a pdf version of the complete (dated) Notice in both English and French.

**Miriam Heinz** | Advisor, Regulatory Affairs

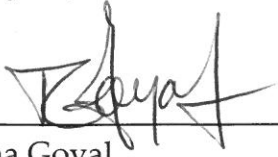
Independent Electricity System Operator (IESO) | T: (416) 969-6045 | C: (416) 917-3617  
1600-120 Adelaide Street West, Suite 1600, Toronto, ON, M5H 1T1

E: [miriam.heinz@ieso.ca](mailto:miriam.heinz@ieso.ca)

Web: [www.ieso.ca](http://www.ieso.ca) | Twitter: [IESO Tweets](#) | LinkedIn: [IESO](#)



This is Exhibit "C" referred to in the Affidavit of Miriam Heinz, sworn before me this 1<sup>st</sup> day of June, 2018.

A handwritten signature in black ink, appearing to read 'Reena Goyal', is written over a horizontal line.

Reena Goyal

## ONTARIO ENERGY BOARD NOTICE

### The IESO and Hydro One Networks Inc. have asked the Ontario Energy Board to review the North American Electric Reliability Corporation Reliability Standard TPL-007-2 - Transmission System Planned Performance for Geomagnetic Disturbance Events

Learn more. Have your say.

The Independent Electricity System Operator (IESO) and Hydro One Networks Inc. (Hydro One) filed a joint application requesting that the Ontario Energy Board review the North American Electric Reliability Corporation (NERC) Reliability Standard TPL-007-2 - Transmission System Planned Performance for Geomagnetic Disturbance Events (the Proposed Standard).

The IESO and Hydro One are also requesting a stay of the operation of the Proposed Standard in Ontario until a NERC process, called a Standard Authorization Request process to develop a variance to the Proposed Standard is complete or the United States' Federal Energy Regulatory Commission issues a ruling on the Proposed Standard, whichever occurs later.

#### THE ONTARIO ENERGY BOARD IS HOLDING A PUBLIC HEARING

The Ontario Energy Board (OEB) will hold a public hearing to consider the application filed by the IESO and Hydro One. During the hearing, we will question the IESO and Hydro One on its requests. We will also hear questions and arguments from affected persons and groups. At the end of this hearing, the OEB will decide what, if any, requests will be approved.

The OEB is an independent and impartial public agency. We make decisions that serve the public interest. Our goal is to promote a financially viable and efficient energy sector that provides you with reliable energy services at a reasonable cost.

#### BE INFORMED AND HAVE YOUR SAY

You have the right to information regarding this application and to be involved in the process.

- You can review the IESO and Hydro One application on the OEB's website now.
- You can file a letter with your comments, which will be considered during the hearing.
- You can become an active participant (called an intervenor). Apply by **June 11, 2018** or the hearing will go ahead without you and you will not receive any further notice of the proceeding.
- At the end of the process, you can review the OEB's decision and its reasons on our website.

#### LEARN MORE

Our file number for this case is **EB-2018-0119**. To learn more about this hearing, find instructions on how to file letters or become an intervenor, or to access any document related to this case, please select the file number **EB-2018-0119** from the list on the OEB website: [www.oeb.ca/notice](http://www.oeb.ca/notice). You can also phone our Consumer Relations Centre at 1-877-632-2727 with any questions.

#### ORAL VS. WRITTEN HEARINGS

There are two types of OEB hearings – oral and written. The OEB intends to proceed by way of a written hearing in this case. If you think an oral hearing is needed, you can write to the OEB to explain why by June 11, 2018.

#### PRIVACY

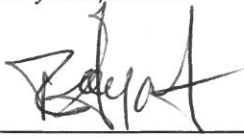
*If you write a letter of comment, your name and the content of your letter will be put on the public record and the OEB website. However, your personal telephone number, home address and email address will be removed. If you are a business, all your information will remain public. If you apply to become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

*This hearing will be held under sections 36.2(3) and 36.2(5) of the Electricity Act, 1998, S.O. 1998 c.15 (Schedule A).*



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

This is Exhibit "D" referred to in the Affidavit of Miriam Heinz, sworn before me this 1<sup>st</sup> day of June, 2018.

A handwritten signature in black ink, appearing to read "Reena Goyal", written over a horizontal line.

Reena Goyal

## AVIS DE LA COMMISSION DE L'ÉNERGIE DE L'ONTARIO

**L'IESO et Hydro One Networks Inc. ont demandé à la Commission de l'énergie de l'Ontario de passer en revue la norme de fiabilité TPL 007-2 – Transmission System Planned Performance for Geomagnetic Events de la North American Electric Reliability Corporation**  
**Soyez mieux renseigné. Donnez votre opinion.**

L'Independent Electricity System Operator (IESO) et Hydro One Networks Inc. (Hydro One) ont déposé une requête conjointe visant à demander à la Commission de l'énergie de l'Ontario de passer en revue la norme de fiabilité TPL-007-2 - Transmission System Planned Performance for Geomagnetic Events (norme proposée) de la North American Electric Reliability Corporation (NERC)

L'IESO et Hydro One demandent également la suspension de l'utilisation de la norme proposée en Ontario jusqu'à ce qu'une procédure de la NERC, appelée la procédure de demande d'autorisation des normes permette d'élaborer une version différente de la norme proposée ou que la Federal Energy Regulatory Commission des États-Unis émette un règlement sur la norme proposée, selon la dernière éventualité.

### LA COMMISSION DE L'ÉNERGIE DE L'ONTARIO TIENDRA UNE AUDIENCE PUBLIQUE

La Commission de l'énergie de l'Ontario (CEO) tiendra une audience publique durant laquelle elle examinera la requête d'IESO et d'Hydro One. Au cours de l'audience, la CEO interrogera l'IESO et Hydro One sur ce dossier. Elle entendra également les arguments et les questions posées par les personnes et les groupes concernés. À la fin de cette audience, elle décidera si elle approuve les requêtes, le cas échéant.

La CEO est un organisme public indépendant et impartial. Elle rend des décisions qui servent l'intérêt public. Son but est de promouvoir un secteur d'énergie viable et rentable financièrement qui vous offre des services énergétiques fiables à un coût raisonnable.

### SOYEZ RENSEIGNÉ ET DONNEZ VOTRE OPINION

Vous avez le droit de recevoir des renseignements concernant cette requête et de participer au processus.

- Vous pouvez dès maintenant consulter la requête d'IESO et d'Hydro One sur le site de la CEO
- Vous pouvez présenter par écrit des observations qui seront examinées durant l'audience.
- Vous pouvez participer activement à l'audience (à titre d'intervenant). Inscrivez-vous d'ici le **11 juin 2018**, sinon l'audience sera entamée sans votre participation et vous ne recevrez aucun autre avis concernant cette instance.
- Vous pourrez passer en revue la décision rendue par la CEO et ses justifications sur son site Web, à la fin du processus.

### SOYEZ MIEUX RENSEIGNÉ

Le numéro de ce dossier est le **EB-2018-0119**. Pour en savoir davantage sur cette audience, sur les démarches à suivre pour présenter des observations ou pour devenir un intervenant, ou encore pour accéder aux documents concernant ce dossier, veuillez sélectionner le numéro de dossier **EB-2018-0119** dans la liste publiée sur le site Web de la CEO : [www.oeb.ca/notice-fr](http://www.oeb.ca/notice-fr) Vous pouvez également adresser vos questions à notre centre de relations aux consommateurs, au 1 877 632-2727.

### AUDIENCES ÉCRITES OU ORALES

Il existe deux types d'audiences à la CEO : orale et écrite. La Commission compte traiter cette requête dans le cadre d'une audience écrite. Si vous croyez qu'une audience orale doit avoir lieu, vous pouvez écrire à la CEO pour expliquer pourquoi au plus tard le 11 juin 2018.

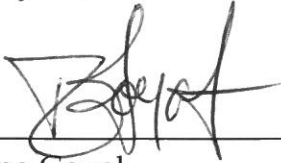
### CONFIDENTIALITÉ

*Si vous présentez une lettre de commentaires, votre nom et le contenu de votre lettre seront versés au dossier public et publiés sur le site Web de la CEO. Toutefois, votre numéro de téléphone, votre adresse personnelle et votre adresse courriel seront gardés confidentiels. Si vous êtes une entreprise, tous vos renseignements demeureront accessibles au public. Si vous faites une requête de statut d'intervenant, tous vos renseignements seront du domaine public.*

*Cette audience aura lieu en vertu des articles 36.2(3) et 36.2(5) de la Loi de 1998 sur l'électricité L.O. 1998, chap. 15 (annexe A).*



This is Exhibit "E" referred to in the Affidavit of Miriam Heinz, sworn before me this 1<sup>st</sup> day of June, 2018.

A handwritten signature in black ink, appearing to read 'Reena Goyal', written over a horizontal line.

Reena Goyal

# System Reliability

Mandatory and enforceable reliability standards ensure the integrity of the interconnected North American bulk electric system

IN THIS SECTION...

- Reliability Standards Framework
- Ontario Reliability Compliance Program
- Enforcement Dates
- Applicability Criteria for Compliance with Reliability Requirements
- OEB Review Process**
- Emergency Preparedness
- Ontario Power System Restoration Plan
- Emergency Preparedness and System Restoration Workshops

## OEB Review Process

The IESO is responsible for communicating to market participants about new or amended reliability standards and criteria, which may be subject to the Ontario Energy Board's (OEB) review. The OEB or any person may make an application for review of a reliability standard within the time prescribed as in Sections 36.1 and 36.2 of the *Electricity Act, 1998* as follows:

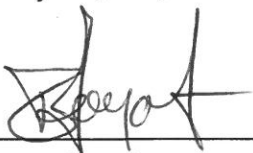
- IESO posts a new or amended reliability standard on its website within seven days of being notified by the standards authority (NERC or NPCC)
- There is a 21-day window for any market participant, including the IESO, to apply to the OEB for review of the reliability standard. The OEB can also initiate its own review within 120 days.
- If there is no review, the standard comes into effect under the Market Rules on the enforcement date of the reliability standard.
- If reviewed, the OEB has the authority to stop the standard from applying in Ontario and to refer it back to the standards authority.

### Proposed new or amended reliability standards

The table below provides a summary of proposed new or amended reliability standards and criteria

	Date of Notice of Filing	Date Posted	Last Date to Request an OEB Review	Summary of Proposed New or Amended NERC Standard or NPCC Criteria	Status of OEB Review
Reliability Standards Framework					
Ontario Reliability Compliance Program	2018/03/23	2018/03/29	2018/04/19	IESO's briefing to the OEB regarding PRC-025-2 can be found <a href="#">here</a> .	In progress - end not before July 27, 2018
Enforcement Dates					
Applicability Criteria for Compliance with Reliability Requirements					
<b>OEB Review Process</b>	2018/02/27	2018/03/05	2018/03/26	IESO's briefing to the OEB regarding TPL-007-2 can be found <a href="#">here</a> .	The IESO and Hydro One filed a <a href="#">joint application</a> on March 26, 2018, requesting that the OEB review the proposed NERC Reliability Standard TPL-007-2 - Transmission System Planned Performance for Geomagnetic Disturbance Events. The OEB is holding public hearing to consider the application. See the OEB's Notice ( <a href="#">English</a> ) ( <a href="#">French</a> ).
Emergency Preparedness					
Ontario Power System Restoration Plan					
Emergency Preparedness and System Restoration Workshops					
	2017/11/30	2017/11/30	2017/12/21	IESO's briefing to the OEB	In progress - end not before March 30, 2018

This is Exhibit "F" referred to in the Affidavit of Miriam Heinz, sworn before me this 1<sup>st</sup> day of June, 2018.

A handwritten signature in black ink, appearing to read 'Reena Goyal', written over a horizontal line.

Reena Goyal

## Miriam Heinz

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**Subject:** FW: Notice - IESO and Hydro One OEB Application (EB-2018-0119) - Review of NERC Reliability Standard TPL-007-2 – Transmission System Planned Performance for Geomagnetic Disturbance Events

**Attachments:** Notice\_IESO\_Hydro One\_GDE\_FR\_VLR\_20180530.pdf; Notice\_IESO\_Hydro One\_GDE\_E\_EB-2018-0119\_20180530.pdf; HONI IESO Application to OEB re GMD Standard Request - Mar 26 2018.pdf; IESO\_HydroOne\_CvrLtr\_Notice\_EB-2018-0119\_2018-05-30.pdf

**Importance:** High

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**From:** Miriam Heinz

**Sent:** May 30, 2018 2:02 PM

**To:** 'mbuffa@extrudex.com'; 'cynthia.hansen@enbridge.com'; 'playfairpower@ntl.sympatico.ca'; 'longslide@vanfarm.com'; 'krootham@accion.com'; 'Lindsay.Maruncic@algonquinpower.com'; 'stephen.mccrory@apsystems.ca'; 'Lindsay.Maruncic@algonquinpower.com'; 'Kelly.Harris@brookfieldrenewable.com'; 'stephen.mccrory@apsystems.ca'; 'rforget@atlanticpower.com'; 'rforget@atlanticpower.com'; 'jcaceres@axiuminfra.com'; 'tom@coronalmanagement.com'; 'barriejeff@gmail.com'; 'mccrackp@baht.ca'; 'Kelly.Harris@brookfieldrenewable.com'; 'john.nassar@bluepwr.com'; 'Regulatory-affairs@lakelandpower.on.ca'; 'neil.finnerty@brightonbeachpower.com'; 'dmcarthur@brocku.ca'; 'Kelly.Harris@brookfieldrenewable.com'; 'natalie.manzarpour@brucepower.com'; 'jose\_bahury@cabot-corp.com'; 'jwynsma@pui.ca'; 'bryan\_miller@transalta.com'; 'kpeddle@capstoneinfra.com'; 'sonwolfe@on.aibn.com'; 'Kelly.Harris@brookfieldrenewable.com'; 'ccjohn@attglobal.net'; 'regulatoryaffairs@hydroottawa.com'; 'megacity39@mac.com'; 'kent.williams@calpine.com'; 'sushil.samant@northlandpower.ca'; 'r.shamash@comalc.com'; 'windap@capitalpower.com'; 'pleitch@capstoneinfra.com'; 'rhwhiteside@hotmail.com'; 'dafraserwl@storm.ca'; 'yves.seguin@domtar.com'; 'susan.siopis@durham.ca'; 'EHSRA@vereseninc.com'; 'franklin@sympatico.ca'; 'kjb@ottawaengineering.com'; 'marymolony@upak.net'; 'cynthia.hansen@enbridge.com'; 'ian.macrobbie@enbridge.com'; 'alain.bourdages@resoluteftp.com'; 'jeff@thomascavanagh.ca'; 'regulatoryaffairs@hydroottawa.com'; 'gordon.kerr@indexenergy.ca'; 'Donald.Bauder@gdfsuezna.com'; 'Donald.Bauder@gdfsuezna.com'; 'psardana@guelphhydro.com'; 'asotirov@enwave.com'; 'regulatoryaffairs@hydroottawa.com'; 'pleitch@capstoneinfra.com'; 'fbp@sympatico.ca'; 'kkoebel@rogers.com'; 'ron@foothillgreenhouses.com'; 'gandraos@ford.com'; 'RegulatoryAffairs@fortisontario.com'; 'reg.white@sympatico.ca'; 'david.wills@primus.ca'; 'cherring@greatcirclesolar.ca'; 'awilson@geminipowercorp.ca'; 'cole@cfgroups.com'; 'ybaribeault@innergex.com'; 'rcoulbeck@gorewaypowerstation.com'; 'Kelly.Harris@brookfieldrenewable.com'; 'lorrainechen@cclgroup.com'; 'leejt@samsung.com'; 'jfarwell@grandriver.on.ca'; 'vteichman@globalserve.net'; 'cherring@greatcirclesolar.ca'; 'glg@greatlakesg.com'; 'Kelly.Harris@brookfieldrenewable.com'; 'henry.oberholster@gtaa.com'; 'brent.hall@greenbreeze.ca'; 'sraman@easternpower.on.ca'; 'ian.macrobbie@enbridge.com'; 'rmedina@h2opower.ca'; 'rmedina@h2opower.ca'; 'john.basilio@alectra.com'; 'geoff.lupton@hamilton.ca'; 'jody.law@patternenergy.com'; 'ed.fittler@hjheinz.com'; 'richard.horrobin@brucepower.com'; 'regulatory@hydroone.com'; 'anguslaw1@xplornet.com'; 'raymond.habets@indexenergy.ca'; 'thowley@inergy.com'; 'dan.saucier@ingredion.com'; 'graziani@comcor.com'; 'edward.t.kalinowski@invista.com'; 'sushil.samant@northlandpower.ca'; 'jason.gaynor@nee.com'; 'joyrunfarmsinc@xplornet.com'; 'sharon.grant@jungbunzlauer.com'; 'sergio.gonsales@patternenergy.com'; 'emile.masbou@sympatico.ca'; 'Mark.Airhart@kingstoncogen.ca'; 'lorrainechen@cclgroup.com'; 'jclark@pioneerconstruction.ca'; 'sushil.samant@northlandpower.ca'; 'alexandre.patte@kruger.com'; 'alexandre.patte@kruger.com'; 'alexandre.patte@kruger.com'; 'scott.durnin@labatt.com'; 'nclarke@lakeridgehealth.on.ca'; 'chuckedey@leaderresources.ca'; 'joe.chiasson@lhsc.on.ca'; 'jwynsma@pui.ca'; 'bryan.icyk@opg.com'; 'bryan.icyk@opg.com'; 'Kelly@blueearth.ca'; 'info@greatbooks.ca'; 'chuckedey@leaderresources.ca'; 'bander@mdei.ca'; 'rochelle\_pancoast@transalta.com'; 'peter.stiel@gotransit.com'; 'Kelly.Harris@brookfieldrenewable.com'; 'mrpc@mississippiriverpower.com'; 'tisc@bell.net'; 'anguslaw1@xplornet.com'; 'info@moorefieldex.ca'; 'jrydel@rogers.com'; 'jschuit@wightman.ca'; 'david.ramkalawan@opg.com'; 'sanjeev.mohite@nrc.ca'; 'jneven@rogers.com'; 'mhogan@niigon.com'; 'mbuffa@extrudex.com'; 'dthompson@northerncross.ca';



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**Subject:** Notice - IESO and Hydro One OEB Application (EB-2018-0119) - Review of NERC Reliability Standard TPL-007-2 – Transmission System Planned Performance for Geomagnetic Disturbance Events

**Importance:** High

The Ontario Energy Board (OEB) has issued a Letter of Direction and Notice in the above noted proceeding requiring that the IESO and Hydro One serve you directly with a copy of the Notice and the application. Accordingly, please find attached the aforementioned English and French versions of the dated Notice and the application.

A covering letter accompanying these documents contains an outline of the application and purpose of the Notice for your information.

The IESO and Hydro One's application is available for review online at the following:

<http://www.ieso.ca/en/sector-participants/system-reliability/oeb-review-process>

<https://www.HydroOne.com/AboutHydroOne/RegulatoryInformation/OEBApplications>

<http://www.rds.oeb.ca/HPECMWebDrawer/Record?q=CaseNumber:EB-2018-0119&sortBy=recRegisteredOn-&pageSize=400>

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<b>Licensed Generator</b>	<b>Undeliverable</b>
3830063 Canada Inc.	no email obtained
851197 Ontario Limited Long Slide Power	longslide@vanfarm.com
Cable Bridge Enterprises Limited	no email obtained
Cabot Canada Ltd.	jose_bahury@cabot-corp.com
Carlisle Limited Partnership No. 1	sonwolfe@on.aibn.com
CCI Newmarket Ltd.	ccijohn@attglobal.net
David A. Fraser	dafraserwl@storm.ca
East Windsor Cogeneration LP	EHSRA@vereseninc.com
Eganville Generation Corporation Inc.	franklin@sympatico.ca
Fowlds Mill Inc.	reg.white@sympatico.ca
Fuel Cell Technologies Ltd.	david.wills@primus.ca
Goreway Station Partnership	rcoulbeck@gorewaypowerstation.com
Grand Renewable Wind GP Inc.	leejt@samsung.com
Grand River Conservation Authority	jfarwell@grandriver.on.ca
Grandview Farms	vteichman@globalserve.net
Green Breeze Wind Park Development Inc.	brent.hall@greenbreeze.ca
Hamilton Renewable Power Inc.	geoff.lupton@hamilton.ca
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Soave Hydroponics Company	guido.vanhethof@gnhgreenhouse.com
Serpent River Power Corp.	patrick.mistal@brookfieldpower.com
Tate & Lyle American Sugars, Ltd.	caflock@tina.com
Thunder Bay Solar 1 LP (SOP)	jamesp@skypower.com
Tribute Resources Inc.	smithwalsh@rogers.com
Trillium Crest Poultry Farms Ltd.	no email obtained
Twin Falls Limited Partnership	bleclair@picriver.com
U.S. Steel Canada Inc.	ARMahut@uss.com
West Lorne BioOil CoGeneration LP	brian.richardson@dynamotive.com
West Lincoln Memorial Hospital Inc.	bairdvic@wlmh.on.ca
Westbrook Floral Ltd.	rpicard@westbrookfloral.com
Westcoast Power Inc.	wpi@ff.lakeheadu.ca
White River BioMeg L.P.	no email obtained
<b>Licensed Transmitter</b>	<b>Undeliverable</b>
Liberty Utilities (Sagatay Transmission) GP Inc.	todd.anderson@algonquinpower.com (redirected unsuccessfully to <a href="mailto:Evan.Koebel@AlgonquinPower.com">Evan.Koebel@AlgonquinPower.com</a> )

