
From: Joan Allen McBurney [REDACTED]
Sent: October-04-13 2:30 PM
To: BoardSec
Subject: Fw: Hydro One plans to violate grid standards for wind turbine farm

I just received the attached email - I agree with the OBWF - what a waste of time and tax payers money for something that is in direct violation of current standards. We need to THINK about what is right and QUIT spending money foolishly.

Joan & Allen McBurney
[REDACTED]

From: [Oppose Belwood Wind Farm Assoc-Administrator](#)
Sent: Friday, October 04, 2013 7:05 AM
To: undisclosed-recipients:
Subject: Hydro One plans to violate grid standards for wind turbine farm



Evidently Hydro One plans to violate grid standards so that an American based corporation can set up its wind turbine farm in the Niagara region. **See the yellow highlighted text below.**

The following is from **WL WindActionGroup** <westlincolnwindactiongroup@gmail.com>

Dear Wind Warrior:

Please help us by writing a response to the OEB re this upgrade to the transmission line. (which will be paid by the taxpayers, not the NRWC) We have only until Oct. 7th to do this, so, please write/comment as soon as possible

Hydro One Networks Inc. is asking the Ontario Energy Board for permission to upgrade 25 kilometers of a currently idle 115 kilo volt electricity transmission line and build a 100 m connection to an existing transformer station. This line would connect a wind farm (Niagara Region Wind Corporation) and its associated electricity line to the provincial power grid.

LEARN MORE

To read the documents concerning this hearing please go to the OEB website www.ontarioenergyboard.ca/, click on “Consumers” and enter file number

EB-2013-0246 in the “Find an Application” box.

E-mails can be sent to boardsec@ontarioenergyboard.ca

You can also phone Rudra Mukherji at [1-888-632-6273](tel:1-888-632-6273) extension 608 or Edik Zwarenstein at [1-888-632-6273](tel:1-888-632-6273) extension 749 with any questions.

Oral and Written Hearings

There are two types of OEB hearings – oral and written. The Board intends to use a written hearing for this case unless there is a good reason why an oral hearing is necessary. If you believe an oral hearing is necessary, you must provide written reasons to the OEB by **October 7, 2013**.

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, 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 application was filed under section 92 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: Board Secretary

Filings: <https://www.pes.ontarioenergyboard.ca/eservice/>

E-mail: boardsec@ontarioenergyboard.ca

Fax: [416-440-7656](tel:416-440-7656)

LETTER OF COMMENT

Dear Rudra Mukherji and Edik Zwarenstein

Re: EB-2013-0246

Hydro One Networks Inc. is asking the Ontario Energy Board for permission to upgrade 25 kilometers of a currently idle 115 kilo volt electricity transmission line and build a 100 m connection to an existing transformer station. This line would connect a wind farm (Niagara Region Wind Corporation) and its associated electricity line to the provincial power grid.

I would like to address the issue of “The interests of consumers with respect to prices and reliability and quality of electricity service”

According to the Hydro One Networks Inc feasibility study by John Sabiston, Manager, Transmission Planning for Hydro One dated Nov 22, 2012 this proposal has technical problems and compromises the reliability of the grid. (Approved by Gene Ng, P.Eng. Network Management Engineer Transmission System Development)

The 115 kV transmission circuits are used to supply local load and to connect generation located at Decew Falls GS and part of the Beck complex. These circuits are not connected to the Hamilton load centre for the following technical reasons:

1. Connecting the 115 kV circuits to the Hamilton load centre results in the direct violation of Q2AH Winona TS Operating Restriction affecting the Allanburg and Beck’s remote protection operation.
2. It creates a circular flow from Niagara to Hamilton to Winona reducing the efficiency of the system in the area
3. It increases the susceptibility to faults for consumers supplied by the circuit.
4. It creates possible overloading and voltage support concerns in the Allanburg area.

According to this report – Even though approximately 120 MW of load can be transferred to the single radial circuit, this is not a feasible or recommended practice. The security and reliability of power to the additional industrial loads, from a double circuit supply to a single circuit supply is greatly compromised. In addition the fault susceptibility for all load customers on the circuit is significantly increased.

According to this report - Conclusion #3 – the only means of shifting load to Q2AH is to operate it in a normally closed configuration, which violates operating restrictions, protection schemes and reduces the efficiency and security of the area.

Conclusion #4 A maximum of 120 MW of industrial load can be supplied by Q2AH before continuous voltage requirements are violated and the area becomes more susceptible to a voltage stability issue. This does not free enough capacity on the QEW interface to accommodate the 230 MW wind farm.

Wind power is an intermittent inefficient and unpredictable resource which can compromise the reliability, stability, and efficiency of the system. Because wind power needs backup power generated from other energy sources to maintain a steady reliable output the electricity consumers are paying for two electricity systems. SO why is the OEB continuing to focus on systems that will compromise the electricity system of Ontario?

As you are reviewing Ontario’s Long-Term Energy Plan and “Making Choices - for the

citizens of Ontario” please consider your mandate. The OEB is an independent regulatory agency MANDATED to protect the interests of consumers with respect to the price, adequacy, reliability and quality of electricity service. It is responsible for promoting ECONOMIC EFFICIENCY AND COST EFFECTIVE generation, transmission and distribution of electricity in Ontario.

According to the 2011 Auditor General's Report the GOAL is for consumers to get reliable, affordable and sustainable power; and that any energy plan is economically prudent and cost-effective.

Ontario is being put in the ludicrous position of spilling water to reduce electricity supply. Because the overall cost to produce hydro power is often lower than that of all other types of power, reducing hydro power to “make room” for wind and solar is an expensive mitigation strategy, particularly as HYDRO, wind and solar power are all renewable energy sources.

Please, just do your job and protect the interests of Ontario electricity consumers. Do NOT upgrade the high voltage transmission lines and download these costs onto the electricity consumers.

The renewable energy initiative is driving industry out of this province due to increased energy costs.

The renewable energy initiative is crippling our economy and will bankrupt this province.

Respectfully submitted

WL WindActionGroup <westlincolnwindactiongroup@gmail.com>

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The OBWF Communications Group

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