

1 3. The need for the proposed upgrade of the existing transmission line in Norfolk
2 County arises from increased electricity demand in the area, largely due to economic
3 growth, based on the load forecasts of the local distribution companies, Norfolk
4 Power Distribution Inc. (“Norfolk Power”) and Hydro One Distribution. In addition,
5 as a single contingency on the existing line section would result in load loss, due to
6 the existing line section being the only single element on the local transmission
7 system, installation of a companion circuit is required to improve reliability in the
8 area. The need for the project is described in detail in Exhibit B, Tab 1, Schedule 4.
9 The proposed facilities are supported by Norfolk Power and Hydro One Distribution.
10 The target in-service date is April 2009.

11
12 4. The IESO has carried out its System Impact Assessment (SIA) of the proposed
13 facilities in accordance with the Grid Connection Requirements of the Market Rules
14 and the associated IESO Connection Assessment and Approval Process. The IESO’s
15 SIA confirms the need for this project and indicates that Hydro One’s proposed
16 transmission solution is adequate and does not adversely impact the IESO-controlled
17 grid.

18
19 5. The necessary land rights (easements) for the project consist of existing easement
20 rights Hydro One holds on the provincially-owned corridor lands, as well as
21 permanent easements rights on private property. No new land rights beyond
22 temporary access rights are needed to construct the required line and station facilities.
23 A map showing the general location of the proposed transmission facilities may be
24 found in Exhibit B, Tab 2, Schedule 2.

25
26 6. Based on an Environmental Study Report for a predecessor project that was filed with
27 the Ministry of Environment in 1999, there are no requirements for the current project
28 under the Environmental Assessment Act. However, Hydro One has completed an

1 environmental screening for due diligence purposes for the subject project. This
2 screening has been completed and the Ministry of Environment notified.

3
4 7. Hydro One has notified stakeholders who may have an interest in the proposed
5 transmission line upgrade. Hydro One will ensure stakeholders' issues are addressed.
6 Hydro One will continue to inform municipal staff, elected officials, and relevant
7 provincial government ministries and agencies of the project status. During the
8 construction and commissioning stages of the proposed upgrade, Hydro One will
9 consult with the local community and other interested stakeholders to ensure potential
10 concerns are addressed.

11
12 8. This Application is supported by written evidence. This evidence includes details of
13 the Applicant's proposal for the construction of the proposed transmission line
14 facilities. The written evidence is pre-filed as attached and may be amended from
15 time to time, prior to the Board's final decision on this Application. Further, the
16 Applicant may seek meetings with Board Staff and intervenors in an attempt to
17 identify and reach agreements to settle issues arising out of this Application.

18
19 9. Hydro One requests a written hearing for this proceeding.

20
21 10. Hydro One requests that a copy of all documents filed with the Board be served on
22 the Applicant and the Applicant's counsel, as follows:

23
24 a) The Applicant:

25
26 Mr. Glen MacDonald
27 Senior Advisor - Regulatory Research and Administration
28 Hydro One Networks Inc.

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2 483 Bay Street
3 Toronto, Ontario
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6 Telephone: (416) 345-5913
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10 b) The Applicant's counsel:

11
12 Michael Engelberg
13 Assistant General Counsel
14 Hydro One Networks Inc.
15

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18 Toronto, Ontario
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24

- 1 County;
- 2 • they will not have a material impact on the price of electricity;
 - 3 • they will increase transmission capacity in the area to meet forecast load growth;
 - 4 • they will maintain and improve reliability of supply with the availability of a
 - 5 second circuit.

6

7 The Independent Electricity System Operator (“IESO”) carried out a System Impact
8 Assessment (“SIA”) of the proposed facilities in accordance with the Grid Connection
9 Requirements of the Market Rules and the associated IESO Connection Assessment and
10 Approval Process. The IESO’s SIA for this project, filed as Exhibit B, Tab 6, Schedule
11 3, confirms the need for this project. The report states that this project meets the objective
12 of the SIA and that Hydro One’s proposed transmission solution is adequate and will not
13 adversely impact the IESO Controlled Grid.

14

15 The need for the upgrade of the existing circuit was also confirmed by a load forecast and
16 capacity analysis which was recently completed with input from the local distribution
17 companies in Norfolk County. A copy of the load forecast and capacity analysis is filed
18 as Exhibit B, Tab 6, Schedule 4.

19

20 Hydro One has determined that consistent with the Transmission System Code, a formal
21 Customer Impact Assessment (“CIA”) is not required as the addition of the second circuit
22 does not negatively impact the two customers (Norfolk Power Distribution Inc. and
23 Hydro One Distribution).

24

25 The total cost of the project is estimated to be \$3.6 million. The proposed transmission
26 facilities are line connection assets with the costs to be funded through incremental
27 transmission Line Connection pool rates and customer capital contributions as required.
28 Details of the project economics are filed in Exhibit B, Tab 4, Schedule 3.

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The design of the proposed facilities is in accordance with good utility practice and meets the requirements of the Transmission System Code for licensed transmitters in Ontario.

Hydro One has notified stakeholders in Norfolk County of the proposed transmission line upgrade. Hydro One will hear stakeholder concerns and ensure they are addressed, as well as ensure that public authorities are kept informed of the project status. Details regarding the consultation process are filed as Exhibit B, Tab 6, Schedule 5.

An Environmental Study Report was filed with the Ministry of the Environment for the predecessor *Vanessa Jct X Norfolk TS 115 kV Refurbishment* project in March 1999. There was no expressed opposition to the project and all concerns were satisfactorily resolved. There are no requirements under the *Environmental Assessment Act* for the current project; however, Hydro One has completed an environmental screening for due diligence purposes. This screening has been completed and the Ministry of Environment notified.

A letter of support for the proposed facilities has been obtained from Norfolk Power Distribution Inc. (“Norfolk Power”) and is filed in Exhibit B, Tab 6, Schedule 2. Hydro One Distribution also supports the proposed facilities. These are the two local distribution companies affected by the project.

A detailed construction schedule is filed as Exhibit B, Tab 5, Schedule 2. This schedule assumes Board leave to construct approval under Section 92 of the *OEB Act* by August 2008. An approval by this date should enable Hydro One to meet the required April 2009 in-service date.

1 Hydro One requests a written hearing for this proceeding and submits that the evidence
2 supports granting the requested Order based on the following grounds:

3

- 4 • The need for new line connection facilities has been established;
- 5 • The need for the project is supported by the local distribution companies in
6 Norfolk County;
- 7 • The need for the project is endorsed by the IESO;
- 8 • The facilities will increase the capacity of the transmission system and enhance
9 reliability and adequacy of supply;
- 10 • There are no adverse system or customer impacts from the project;
- 11 • The project is fully compliant with the relevant codes, rules and licences.

12

13 For the reasons provided in support of this Application, Hydro One respectfully submits
14 that the proposed transmission line facilities are in the public interest and should be
15 approved under Section 92 of the *OEB Act*. Accordingly, Hydro One requests an Order
16 from the Board pursuant to Section 92 of the *OEB Act* by August 2008, granting leave to
17 construct the proposed transmission line facilities.

Filed: March 13, 2008

EB-2008-0023

Exhibit A

Tab 3

Schedule 1

Page 1 of 1

1

PROCEDURAL ORDERS / AFFIDAVITS / CORRESPONDENCE

2

Filed: March 13, 2008

EB-2008-0023

Exhibit A

Tab 4

Schedule 1

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1

NOTICES OF MOTION

2

EXHIBIT LIST

1
2

<u>Exh</u>	<u>Tab</u>	<u>Schedule</u>	<u>Contents</u>
<u>A</u>			<u>Administration</u>
	1	1	Application
	2	1	Summary of Prefiled Evidence
	3	1	Procedural Orders/Affidavits/Correspondence
	4	1	Notices of Motion
	5	1	Exhibit List
<u>B</u>			<u>Applicant's Prefiled Evidence</u>
	1	1	Project Location and Existing Transmission System
		2	Map of Existing Facilities
		3	Schematic of Existing Facilities
		4	Need for the Proposed Facilities
	2	1	Proposed Facilities
		2	Map of Proposed Facilities
		3	Schematic of Proposed Facilities
		4	Cross Section of the Tower Types - Existing and Proposed
	3	1	Transmission Alternatives
	4	1	Project Costs, Economics, and Other Public Interest Considerations

<u>Exh</u>	<u>Tab</u>	<u>Schedule</u>	<u>Contents</u>
		2	Project Costs
		3	Project Economics
		4	Other Public Interest Considerations
5		1	Construction and Project Administration
		2	Table Showing Construction and In-Service Schedule
6		1	Other Matters / Agreements / Approvals
		2	Customer Letters of Endorsement for the Project
		3	The IESO's Notification of Approval and System Impact Assessment
		4	Load Forecast and Capacity Analysis
		5	Stakeholder and Community Consultation
		6	Land Matters