



**PETERBOROUGH UTILITIES INC.**

2245 Keene Road, PO Box 4125, Station Main  
Peterborough ON K9J 6Z5

**RECEIVED**

EB-2010-0349

November 9, 2010

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ONTARIO ENERGY BOARD

Board Secretary  
Ontario Energy Board  
PO Box 2319  
2300 Yonge Street, 27th floor  
Toronto ON M4P 1E4

Dear Ms. Aldred:

**Peterborough Utilities Inc.  
Section 80 Notice  
10 MW Lily Lake Solar PV Generation Project**

Pursuant to section 80 of the Ontario Energy Board Act, 1998, please find enclosed a notice in respect of the above-stated project.

Peterborough Utilities Inc. (PUI) has entered into a contract pursuant to the Ontario Power Authority's Renewable Energy Standard Offer Program ("RESOP"). PUI proposes to construct and operate a 10.0 MW solar PV generating facility on approximately 140 acres of rural lands located at the northwest corner of Lily Lake Road and Fife's Bay Road across from Hydro One Network Inc.'s Dobbins Transformer Station ("Project"). The Project will be connected to the distribution system of Hydro One Networks Inc.

As an affiliate of a distributor, Peterborough Distribution Inc., the Applicant under section 80 of the Ontario Energy Board Act, is required to give notice of its intent to acquire an interest in generation.

The Applicant respectfully submits that a review of the section 80 notice for this Project is not necessary. In keeping with the fundamental principles of the Green Energy Act, 2009, the Applicant is pursuing the development of renewable energy supply. The Project has been selected by way of a competitive process and has successfully been awarded a RESOP Contract. In granting such a contract, the OPA has conducted a thorough review of the proposed Project including its ability to connect to the distribution system. The Project will be connected to the distribution system of Hydro One Networks Inc., not its affiliate Peterborough Distribution Inc. The 10 MW solar PV Project will increase the total generation capacity under ownership by the Applicant and


its affiliates to approximately 28 MW, only a fraction of the total generation supply volume in the Province of Ontario.

However, in the event that the Board does proceed to review the Project pursuant to section 82 (b), the Applicant submits that for the reasons stated above, the impact of the project would not adversely affect the development and maintenance of a competitive market.

While the Ontario Energy Board Act, 1998, affords the Board 60 days before which it must make a determination as to whether it will review the notice, the Applicant respectfully and urgently requests that the Board make a determination with respect to section 80 review in an expeditious manner. The Project is currently under construction with a scheduled in-service date in January 2011.

Please do not hesitate to contact the undersigned should you have any questions or concerns.

Yours very truly,



John B. Wynsma, P. Eng.  
Vice President Generation & Retail Services  
Telephone (705) 748-9301 ext 1248  
Fax (705) 743-5988  
E-mail [jwynsma@pui.ca](mailto:jwynsma@pui.ca)

## Ontario Energy Board

### Preliminary Filing Requirements For a Notice of Proposal under Sections 80 and 81 Of the *Ontario Energy Board Act, 1998*

#### INSTRUCTIONS:

This form applies to all applicants who are providing a Notice of Proposal to the Ontario Energy Board (the "Board") under sections 80 and 81 of the Ontario Energy Board Act, 1998 (the "Act"), including parties who are also, as part of the same transaction or project, applying for other orders of the Board such as orders under sections 86 and 92 of the Act.

The Board has established this form under section 13 of the Act. Please note that the Board may require information that is additional or supplementary to the information filed in this form and that the filing of the form does not preclude the applicant from filing additional or supplementary information.

#### PART I: GENERAL MINIMUM FILING REQUIREMENTS

All applicants must complete and file the information requested in Part I.

##### 1.1 Identification of the Parties

##### 1.1.1 Applicant

Name of Applicant <b>Peterborough Utilities Inc.</b>	File No: (Board Use Only)	
Address of Head Office  <b>PO Box 4125 1867 Ashburnham Drive Peterborough ON K9J 6Z5</b>	Telephone Number  <b>705-748-9300</b>	
	Facsimile Number  <b>705-748-4358</b>	
	E-mail Address  <b><u>jwynsma@pui.ca</u></b>	
Name of Individual to Contact  <b>John Wynsma Vice-President Generation &amp; Retail Services</b>	Telephone Number  <b>705-748-9301 ext. 1248</b>	
	Facsimile Number  <b>705-743-5988</b>	
	E-mail Address  <b><u>jwynsma@pui.ca</u></b>	

### 1.1.2 Other Parties to the Transaction or Project

*If more than one attach list*

Name of Other Party	Board Use Only	
Address of Head Office	Telephone Number	
	Facsimile Number	
	E-mail Address	
Name of Individual to Contact	Telephone Number	
	Facsimile Number	
	E-mail Address	

### 1.2 Relationship between Parties to the Transaction or Project

1.2.1	Attach a list of the officers, directors and shareholders of each of the parties to the proposed transaction or project.	
	<p><b><u>PARTY</u></b></p> <p><b><u>PETERBOROUGH UTILITIES INC.</u></b>          Shareholder – City of Peterborough Holdings Inc.          Lawrence Doran, President &amp; CEO - Officer          John Stephenson, CFO &amp; Vice President of Corporate Services - Officer          John Wynsma, Vice President, Generation &amp; Retail Services - Officer          Janet Lafortune, Director          John Connolly, Director          Stephen Kylie, Director          David Nichols, Director          Scott Baker, Director</p> <p><b><u>AFFILIATES OF THE PARTY</u></b></p> <p><b><u>CITY OF PETERBOROUGH HOLDINGS INC.</u></b>          Shareholder – Corporation of the City of Peterborough          Lawrence Doran, President &amp; CEO - Officer          John Stephenson, CFO &amp; Vice President of Corporate Services - Officer          Gary Lounsbury, Director          Stephen Kylie, Director          Paul Ayotte, Director          Henry Clarke, Director          Brian Baker, Director          Ernest Morrison, Director          Charles Kidd, Director          Janet Lafortune, Director          David Nichols, Director          John Connolly, Director          Scott Baker, Director</p>	

	<p><u>PETERBOROUGH UTILITIES SERVICES INC.</u>  Shareholder – City of Peterborough Holdings Inc.  Lawrence Doran, President &amp; CEO - Officer  John Stephenson, CFO &amp; Vice President of Corporate Services - Officer  Wayne Stiver, Vice President Water Services - Officer  Larry Franks, Vice President IT Services - Officer  Ernest Morrison, Director  Gary Lounsbury, Director  Stephen Kylie, Director  Paul Ayotte, Director  Henry Clarke, Director  Brian Baker, Director  Charles Kidd, Director  Janet Lafortune, Director  David Nichols, Director  John Connolly, Director  Scott Baker, Director</p> <p><u>PETERBOROUGH DISTRIBUTION INC.</u>  Shareholder – City of Peterborough Holdings Inc.  Lawrence Doran, President &amp; CEO - Officer  John Stephenson, CFO &amp; Vice President of Corporate Services - Officer  Jeff Guilbeault, Vice President Electric Services - Officer  Stephen Kylie, Director  Charles Kidd, Director  Paul Ayotte, Director  Scott Baker, Director  Bryan Weir, Director  Dean MacDonald, Director</p> <p><u>CAMPBELLFORD SEYMOUR ELECTRICITY GENERATION INC.</u>  Shareholder – Peterborough Utilities Inc.  Lawrence Doran, Officer &amp; Director  John Stephenson, Officer &amp; Director  John Wynsma, Officer &amp; Director</p> <p><u>LILY LAKE SOLAR INC.</u>  Shareholder – Peterborough Utilities Inc.  Lawrence Doran, Officer &amp; Director  John Stephenson, Officer &amp; Director  John Wynsma, Officer &amp; Director</p> <p><u>THE PETERBOROUGH CALL CENTRE INC.</u>  Shareholder – Peterborough Utilities Services Inc.  Lawrence Doran, Officer &amp; Director  John Stephenson, Officer &amp; Director  Larry Franks, Officer &amp; Director</p>	
1.2.2	Attach a corporate chart describing the relationship between each of the parties to the proposed transaction or project and each of their respective affiliates.	
	Refer to Schedule 1.2.2	

### 1.3 Description of the Businesses of Each of the Parties

1.3.1	Attach a description of the business of each of the parties to the proposed transaction or project, including each of their affiliates licenced under the OEB Act to operate in Ontario for the generation, transmission, distribution, wholesaling or retailing of electricity or providing goods and services to companies licenced under the OEB Act in Ontario ("Electricity Sector Affiliates").	
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	<p><b>Peterborough Utilities Inc.</b> is wholly owned by the City of Peterborough Holdings Inc. It owns and operates the assets associated with the generation of electrical power as provided under Electricity Generation License EG-2003-0110. It also provides wholesale and retail metering services to numerous other licensed electricity market participants.</p> <p><b>City of Peterborough Holdings Inc.</b> is wholly owned by the Corporation of the City of Peterborough. It is a holding company that owns 100% of Peterborough Utilities Inc., Peterborough Distribution Inc. and Peterborough Utilities Services Inc.</p> <p><b>Peterborough Utilities Services Inc.</b> is wholly owned by the City of Peterborough Holdings Inc. It is a service provider for Peterborough Utilities Inc., Peterborough Distribution Inc., Peterborough Utilities Commission and the Corporation of the City of Peterborough.</p> <p><b>Peterborough Distribution Inc.</b> is wholly owned by the City of Peterborough Holdings Inc. It owns, operates and manages the assets associated with the distribution of electrical power within the geographic territory described in its Electricity Distribution Licenses ED-2002-0504, ED-2002-0505 and ED-2002-0506.</p> <p><b>Campbellford Seymour Electricity Generation Inc.</b> is wholly owned by Peterborough Utilities Inc. It owns and operates the assets associated with the generation of electrical power as provided under Electricity Generation License EG-2003-0111.</p> <p><b>Trent Rapids Power Corporation</b> is wholly owned by Peterborough Utilities Inc. It owns and operates the assets associated with the generation of electrical power as provided under Electricity Generation License EG-2007-0676.</p> <p><b>Lily Lake Solar Inc.</b> is wholly owned by Peterborough Utilities Inc. It owns the property upon which the Lily Lake Solar Farm project will be located.</p> <p><b>The Peterborough Call Center Inc.</b> is wholly owned by Peterborough Utilities Services Inc. and provides customer services to the group of Peterborough Utilities companies.</p>	
1.3.2	Attach a description of the geographic territory served by each of the parties to the proposed transaction or project, including each of their Electricity Sector Affiliates, if applicable, and the geographic location of all existing generation facilities.	
	<p>Peterborough Utilities Inc. own and operate two hydroelectric generating stations within the City of Peterborough embedded within the distribution service territory of Peterborough Distribution Inc.</p> <p>Campbellford Seymour Electricity Generation Inc. own and operate two hydroelectric generating stations within the Municipality of Trent Hills embedded within the distribution service territory of Hydro One Networks Inc.</p> <p>Trent Rapids Power Corporation owns and operates one hydroelectric generating station within the City of Peterborough embedded within the distribution service territory of Peterborough Distribution Inc.</p> <p>Peterborough Distribution Inc.'s service territories are the City of Peterborough, Town of Lakefield and Village of Norwood.</p>	
1.3.3	Attach a breakdown of the annual sales (in C\$, and in MWh) as of the most recent fiscal year end of the existing generation output among the IESO Administered Markets ("IAM"), bilateral contracts, and local distribution companies.	
	<p>Peterborough Utilities Inc. generated 25,429 MWh with sales of \$1,309,615 for fiscal year ending December 31, 2009.</p> <p>Campbellford Seymour Electricity Generation Inc. generated 10,064 MWh with sales of \$518,282 for fiscal year ending December 31, 2009.</p> <p>Trent Rapids Power Corporation generated 20,147 MWh with sales of \$2,416,149 for fiscal year ending September 30, 2010.</p> <p>Peterborough Distribution Inc. does not own any generation assets.</p>	
1.3.4	Attach a list identifying all relevant Board licences and approvals held by the parties to the proposed transaction or project and each of their Electricity Sector Affiliates, and any applications currently before the Board, or forthcoming. Please include all Board file numbers.	
	<p>Peterborough Utilities Inc. holds Electricity Generation License EG-2003-0110 and is applying for amendment of Schedule 1 of this license to include the Lily Lake Solar Farm concurrent with this Notice (Board file number not yet assigned).</p> <p>Peterborough Utilities Inc. holds Electricity Retailers License ER-2000-0101.</p>	

	<p>Campbellford Seymour Electricity Generation Inc. holds Electricity Generation License EG-2003-0111.</p> <p>Trent Rapids Power Corporation holds Electricity Generation License EG-2007-0676.</p> <p>Peterborough Distribution Inc. holds Electricity Distribution Licenses ED-2002-0504, ED-2002-0505, and ED-2002-0506.</p>	
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#### 1.4 Current Competitive Characteristics of the Market

1.4.1	Describe the generation capacity (in MW), within the Province of Ontario, of the parties to the proposed transaction or project, including each of their respective Electricity Sector Affiliates, prior to the completion of the proposed transaction or project.	
	<p>Peterborough Utilities Inc. owns one hydroelectric generating station with a capacity of 4 MW and operates a hydroelectric generating &amp; pumping station with a capacity of 1 MW.</p> <p>Campbellford Seymour Electricity Generation Inc. own and operate two hydroelectric generating stations with a capacity of 6 MW of which 4 MW is leased to a non-affiliated private power producer.</p> <p>Trent Rapids Power Corporation owns and operates one hydroelectric generating station with a capacity of 8 MW.</p> <p>Peterborough Distribution Inc does not own or operate any electricity generation assets.</p>	
1.4.2	Attach a corporate chart describing the relationship between each of the parties to the proposed transaction or project and each of their respective affiliates.	
	Refer to Schedule 1.2.2	

#### 1.5 Description of the Proposed Transaction or Project and Impact on Competition - General

1.5.1	Attach a detailed description of the proposed transaction or project, including geographic locations of proposed new transmission or distribution systems, or new generation facilities.	
	<p>The Applicant proposes to build a 10 MW solar PV generating station located within the Township of Smith-Ennismore-Lakefield on rural property owned by Lily Lake Solar Inc. The project is located directly across the road from Hydro One Networks Inc.'s Dobbin Transformer Station and will be connected to the distribution system of Hydro One Networks Inc. through a line tap to Hydro One's 44 kV M5 feeder originating from the Dobbin Transformer Station. The Applicant will construct approximately 150 meters on 44 kV line on the Applicants property from the project's substation to connect to Hydro One's feeder at the boundary of the Applicant's property. The Applicant has executed a Renewable Energy Standard Offer Program (RESOP) Contract with the Ontario Power Authority and has completed a Connection Impact Assessment (CIA) and Connection Cost Agreement (CCA) with Hydro One Networks Inc.</p>	
1.5.2	Describe the generation capacity (in MW), within the Province of Ontario, of the parties to the proposed transaction or project, including each of their respective Electricity Sector Affiliates, after the completion of the proposed transaction or project.	
	<p>Peterborough Utilities Inc.'s generating capacity will increase by 10 MW to a total of 14 MW under ownership.</p> <p>Campbellford Seymour Electricity Generation Inc.'s generating capacity will remain unchanged and equal to 6 MW of which 4 MW is leased to a non-affiliated private power producer.</p> <p>Trent Rapids Power Corporation's generating capacity will remain unchanged and equal to 8 MW.</p> <p>In total, Peterborough Utilities Inc. and its wholly owned affiliates will have a generating capacity equal to 28 MW of which 4 MW is leased to a non-affiliated private power producer</p> <p>Peterborough Distribution Inc. does not own or operate any electricity generation assets.</p>	
1.5.3	Describe the generation market share based on anticipated MWh production as a percentage of the Annual Primary Demand, within the Province of Ontario, of the parties to the proposed transaction or project, including each of their respective Electricity Sector Affiliates, after the completion of the proposed transaction or project.	

	<p>Peterborough Utilities Inc.'s anticipated annual generation following completion of the Lily Lake Solar Farm will equal 27,390 MWh.</p> <p>Campbellford Seymour Electricity Generation Inc.'s anticipated annual generation equals 7,810 MWh.</p> <p>Trent Rapids Power Corporation's anticipated annual generation equals 31,540 MWh.</p> <p>In total, the Applicant and its wholly owned affiliates anticipate to generate 66,740 MWh annually.</p> <p>In its 2010-2012 Business Plan, the IESO estimated projected generation energy volume in 2009 to be 149.4 TWh. Peterborough Utilities Inc.'s market share is approximately 0.018% of the annual primary demand in the Province of Ontario. Peterborough Utilities and its wholly own affiliates market share is approximately 0.045% of the annual primary demand in the Province of Ontario.</p>	
1.5.4	Attach a short description of the impact, if any, of the proposed transaction or project on competition. If there will be no impact on competition, please state the reasons. Cite specifically the impacts of the proposal on customer choice regarding generation, energy wholesalers, and energy retailers.	
	The proposed project will have no impact on competition. The project obtained a RESOP Contract with the Ontario Power Authority and a Connection Cost Agreement with Hydro One Networks Inc. through an open and competitive process. The Ontario Power Authority continues to offer opportunities for competitive generation projects through the Feed-In-Tariff program and other generation procurement initiatives. The proposed project's electrical energy will comprise a small fraction of the overall provincial supply and will not impact upon energy wholesalers or retailers to offer competitive products.	
1.5.5	Provide confirmation that the proposed transaction or project will have no impact on open access to the transmission or distribution system of the parties or their affiliates. If open access will be affected explain how and why.	
	<p>The proposed project will have no impact on open access to the transmission system or distribution systems of Hydro One Networks Inc. Hydro One Networks Inc. continues to provide open access to their transmission and distribution systems, accept applications for connection of generation projects to their systems and allocate capacity.</p> <p>The proposed project project is located outside of the distribution service area of Peterborough Distribution Inc. and will have no impact on open access to the distribution system of Peterborough Distribution Inc.</p>	

## 1.6 Other Information

1.6.1	Attach confirmation that the parties to the proposed transaction or project are in compliance with all license and code requirements, and will continue to be in compliance after completion of the proposed transaction or project.	
	Applicant hereby confirms that it is compliance with all license and code requirements and will continue to be in compliance after completion of the proposed transaction.	

## PART II: SECTION 80 OF THE ACT--TRANSMITTERS AND DISTRIBUTORS ACQUIRING AN INTEREST IN GENERATORS OR CONSTRUCTING A GENERATION FACILITY

All applicants filing a Notice of Proposal under section 80 of the Act must complete and file the information requested in Part II.

### 2.1 Effect on Competition

2.1.2	Describe whether the proposed generation output will be primarily offered into the IAM, sold via bilateral contracts, or for own use.	
	Generation will be injected into the distribution system of Hydro One Networks Inc. and sold to the Ontario Power Authority pursuant to RESOP Contract No. 12025.	
2.1.3	Provide a description of the generation including fuel source, technology used, maximum capacity output, typical number of hours of operation in a year, and peaking versus base-load character.	



	The generation is PV solar. Project will utilize thin film amorphous silicon PV solar technology. Maximum capacity is 10.0 MW. Typically, the facility will operate approximate 4,400 hours per annum. Average annual capacity factor will be approximately 16%. The generation will be base load in nature as opposed to peaking.	
2.1.4	Provide details on whether the generation facility is expected to sign a "must run" contract with the IESO.	
	Not applicable.	
2.1.5	Provide details of whether the generation facility is expected to serve a "load pocket", or is likely to be "constrained on" due to transmission constraints.	
	Not applicable.	

## 2.2 System Reliability

Section 2.2 must be completed by applicants who are claiming that the proposed transaction or project is required for system reliability under section 82(2)(b) of the Act.

2.2.1	Provide reasons why the proposal is required to maintain the reliability of the transmission or distribution system. Provide supporting studies.	
2.2.2	Discuss the effect of the proposal on the adequacy (ability of supply to meet demand) of supply in the relevant control area or distribution region, citing effects on capacity plus reserve levels in comparison to load forecasts.	
2.2.3	Discuss the effect of the proposal on the security (ability of supply to respond to system contingencies) of supply.	
2.2.4	Provide a copy of the IESO Preliminary System Impact Assessment Report, if completed, and the IESO Final System Impact Assessment Report, if completed. If the IESO is not conducting a System Impact Assessment Report, please explain.	

## PART III: SECTION 81 OF THE ACT—GENERATORS ACQUIRING AN INTEREST IN OR CONSTRUCTING A TRANSMISSION OR DISTRIBUTION SYSTEM

All applicants filing a Notice of Proposal under section 81 of the Act must complete and file the information requested in Part III.

### 3.1 Effect on Competition

3.1.1	Provide a description of the transmission or distribution system being acquired or constructed.	
3.1.2	Provide details on whether the generation facilities owned by the acquiring company are or will be directly connected to the transmission or distribution system being acquired or constructed.	
3.1.3	Provide details of whether the generation facility is expected to serve a "load pocket", or is likely to be "constrained on" due to transmission constraints.	
3.1.4	Provide details on whether the generation facilities are expected to sign a "must run" contract with the IESO.	

### How to Contact the Ontario Energy Board

The Ontario Energy Board is located at:

P.O. Box 2319  
2300 Yonge Street, Suite 2701  
Toronto, Ontario  
M4P 1E4

Telephone: 416-481-1967