

PETERBOROUGH UTILITIES INC.

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

November 1, 2012

Board Secretary
Ontario Energy Board
PO Box 2319
2300 Yonge Street, Suite 2701
Toronto ON M4P 1E4

Dear Ms. Walli:

Trent Energy Inc. Section 80 Notice 3.9 MW Stan Adamson Hydroelectric Generation Project

Please find enclosed the Preliminary Filing Requirements for a "Notice of Proposal under section 80 and 81 of the Ontario Energy Board Act, 1998" in respect to Trent Energy Inc. (Application for Electricity Generator License Board File Number EB-2012-0413).

Trent Energy Inc. (Applicant) is in the process of acquiring the 3.9 MW Stan Adamson hydroelectric generating station from Trent University. The facility will be owned by Trent Energy Inc., a wholly owned subsidiary of Peterborough Utilities Inc., and will be connected to the distribution system of Peterborough Distribution Inc., an affiliate of the Applicant.

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

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 3.9 MW Stan Adamson hydroelectric generating station will increase the total generation capacity under ownership by the Applicant and its affiliates to approximately 34 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.

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

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	File No: (Board Use Only)
Trent Energy Inc.	
Address of Head Office	Telephone Number
PO Box 4125	705-748-9300
1867 Ashburnham Drive	Facsimile Number
Peterborough ON K9J 6Z5	705-748-4358
	E-mail Address
	jwynsma@pui.ca
Name of Individual to Contact	Telephone Number
John Wynsma	705-748-9301 ext. 1248
President	Facsimile Number
	705-743-5988
	E-mail Address
	jwynsma@pui.ca

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.	
	PARTY	
	TRENT ENERGY INC.	
	Shareholder – Peterborough Utilities Inc.	
	John Stephenson, Chair & Director	
	John Wynsma, President & Director	100
	Byron Thompson, Corporate Secretary	British Sal
	AFFILIATES OF THE PARTY	
	PETERBOROUGH UTILITIES INC.	e service ja
	Shareholder – City of Peterborough Holdings Inc.	
	John Stephenson, President & CEO - Officer	and b
	Byron Thompson, Chief Financial Officier - Officer	
	John Wynsma, Vice President, Generation & Retail Services - Officer Scott Baker, Chair, Board of Directors	
	Dave Bignell, Vice-Chair, Board of Directors	
	Mayor Daryl Bennet, Director	
	Stephen Kylie, Director	
	David Nichols, Director	
		44
	CITY OF PETERBOROUGH HOLDINGS INC.	
	Shareholder – Corporation of the City of Peterborough	et til etter
	John Stephenson, President & CEO - Officer	
	Byron Thompson, CFO & Vice President of Corporate Services - Officer	
	David Nichols, Chair, Board of Directors	abate di ba
	David Bignell, Vice-Chair, Board of Director	
	Mayor Daryl Bennet, Director	
	Stephen Kylie, Chair, Director	4.5
	Brian Baker, Director	
	Scott Baker, Director	
	Councillor Dan McWilliams, Director	
	Charles Kidd, Director	
	David Paterson, Director	

PETERBOROUGH UTILITIES SERVICES INC.

Shareholder – City of Peterborough Holdings Inc.
John Stephenson, President & CEO - Officer
Byron Thompson, Chief Financial Officer - Officer
Wayne Stiver, Vice President Water Services - Officer
Larry Franks, Vice President IT Services - Officer
David Nichols, Chair, Board of Directors
David Bignell, Vice-Chair, Board of Director
Mayor Daryl Bennet, Director

PETERBOROUGH DISTRIBUTION INC.

Shareholder – City of Peterborough Holdings Inc.
John Stephenson, President & CEO - Officer
Byron Thompson, Chief Financial Officer - Officer
Jeff Guilbeault, Vice President Electric Services - Officer
Charles Kidd, Chair, Board of Directors
Brian Weir, Vice-Chair, Board of Directors
Councillor Dan McWilliams, Director
Dean MacDonald, Director
David Paterson, Director

LILY LAKE SOLAR INC.

Shareholder – Peterborough Utilities Inc. John Stephenson, Chair & Director John Wynsma, President & Director Byron Thompson, Corporate Secretary

TRENT RAPIDS POWER CORPORATION

Shareholder – Peterborough Utilities Inc. John Stephenson, Chair & Director John Wynsma, President & Director Alastair Wilson, Corporate Secretary & Director Keith Rye, Director Paul Young, Director Michael Fedchyshyn, Director

CAMPBELLFORD SEYMOUR ELECTRICITY GENERATION INC.

Shareholder – Peterborough Utilities Inc. John Stephenson, Chair & Director John Wynsma, President & Director Byron Thompson, Corporate Secretary

LFG POWER CORPORATION INC.

Shareholder – Peterborough Utilities Inc. John Stephenson, Chair & Director John Wynsma, President & Director Byron Thompson, Corporate Secretary

LONDON STREET POWER CORPORATION

Shareholder – Peterborough Utilities Inc. John Stephenson, Chair & Director John Wynsma, President & Director Byron Thompson, Corporate Secretary

PETERBOROUGH UTILITIES SOLAR INC.

Shareholder – Peterborough Utilities Inc. John Stephenson, Chair & Director John Wynsma, President & Director Byron Thompson, Corporate Secretary

THE PETERBOROUGH CALL CENTRE INC.

Shareholder - Peterborough Utilities Services Inc.

	John Stephenson, Chair & Director Larry Franks, President & Director Byron Thompson, Corporate Secretary	
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.	10-10-10 14-112-10-11-11-11-11-11-11-11-11-11-11-11-11-
	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 licensed 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 licensed under the OEB Act in Ontario ("Electricity Sector Affiliates").	
	<u>Trent Energy Inc.</u> is wholly owned by Peterborough Utilities Inc. It will own and operate the assets associated with the generation of electrical power as provided under its application for an Electricity Generation License, Board File No. EB-2012-0413.	Control of the Contro
•	Peterborough Utilities Inc. 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.	
	<u>City of Peterborough Holdings Inc.</u> 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.	aleman Lienale Person
	Peterborough Utilities Services Inc. 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.	
	<u>Peterborough Distribution Inc.</u> 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.	
	<u>Lily Lake Solar Inc.</u> 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-2011-0407.	
	<u>Trent Rapids Power Corporation</u> 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.	
	Campbellford Seymour Electricity Generation Inc. 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.	
	<u>LFG Power Corporation</u> is wholly owned by Peterborough Utilities Inc. It will own and operate the assets associated with the generation of electrical power as provided under its application for an Electricity Generation License, Board File No. EB-2012-0378.	
	<u>London Street Power Corporation</u> is wholly owned by Peterborough Utilities Inc. It presently does not own any generation or distribution assets or hold any OEB licenses. It is in the process of developing new hydroelectric generation assets.	
	<u>Peterborough Utilities Solar Inc.</u> is wholly owned by Peterborough Utilities Inc. It presently does not own any generation or distribution assets or hold any OEB licenses. It is in the process of developing several new rooftop solar PV generation assets.	1 (a) (2 (b) (1) (- 3)
	<u>The Peterborough Call Center Inc.</u> is wholly owned by Peterborough Utilities Services Inc. and provides customer services to the group of Peterborough Utilities companies.	
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.	
	<u>Trent Energy Inc.</u> will own one hydroelectric generating station within the City of Peterborough embedded within the distribution service territory of Peterborough Distribution Inc. (presently under	NEW YORK

construction). Peterborough Utilities Inc. own and operate one hydroelectric generating station within the City of Peterborough embedded within the distribution service territory of Peterborough Distribution Inc. Lily Lake Solar Inc. own one ground mount solar PV generating station within the Township of Smith-Ennismore-Lakefield embedded within the distribution service territory of Hydro One Networks Inc. Trent Rapids Power Corporation own one hydroelectric generating station within the City of Peterborough embedded within the distribution service territory of Peterborough Distribution Inc. Campbellford Seymour Electricity Generation Inc. own two hydroelectric generating stations within the Municipality of Trent Hills embedded within the distribution service territory of Hydro One Networks Inc. One station is leased to a non-affiliated private power producer. LFG Power Corporation will own one landfill gas generating station within the Township of Otonabee-South Monaghan embedded within the distribution service territory of Hydro One Networks Inc. (presently under construction). Peterborough Distribution Inc. is a local distribution company (LDC) whose service territories are the City of Peterborough, Town of Lakefield and Village of Norwood. Attach a breakdown of the annual sales (in C\$, and in MWh) as of the most recent fiscal year end 1.3.3 of the existing generation output among the IESO Administered Markets ("IAM"), bilateral contracts, and local distribution companies. Trent Energy Inc. did not generate any sales for the fiscal year ending December 31, 2011. Peterborough Utilities Inc. generated 27,864 MWh with sales of \$1,998k for fiscal year ending December 31, 2011. Lily Lake Solar Inc. generated 8,478 MWh with sales of \$3,559k for fiscal year ending December 31, 2011. Trent Rapids Power Corporation generated 20,517 MWh with sales of \$2,831k for fiscal year ending September 30, 2012. Campbellford Seymour Electricity Generation Inc. generated 11,044 MWh with sales of \$800k for fiscal year ending December 31, 2011. LFG Power Corporation did not generate any sales for the fiscal year ending December 31, 2011. Peterborough Distribution Inc. does not own any generation assets and did not generate any sales for the fiscal year ending December 31, 2011. Attach a list identifying all relevant Board licenses and approvals held by the parties to the 1.3.4 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. Trent Energy Inc. has applied for a Generation License that is currently before the Board, Board file number EB-2012-0413. Peterborough Utilities Inc. holds Electricity Generation License EG-2003-0110. Peterborough Utilities Inc. holds Electricity Retailers License ER-2000-0101. Lily Lake Solar Inc. holds Generation License EG-2011-0407. Trent Rapids Power Corporation holds Electricity Generation License EG-2007-0676. Campbellford Seymour Electricity Generation Inc. holds Electricity Generation License EG-2003-0111. LFG Power Corporation has applied for a Generation License that is currently before the Board, Board file number EB-2012-0378.

1.4 Current Competitive Characteristics of the Market

0505, and ED-2002-0506.

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, proposed transaction or project.		
	Trent Energy Inc. will own one hydroelectric generating station with a capacity of 3.9 MW.	

Peterborough Distribution Inc. holds Electricity Distribution Licenses ED-2002-0504. ED-2002-

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	Peterborough Utilities Inc. own one hydroelectric generating station with a capacity of 4.1 MW.	NAME OF
	Lily Lake Solar Inc. own one ground mount solar PV generation facility with a capacity of 10 MW.	建长线30 0
	Trent Rapids Power Corp. own one hydroelectric generating station with a capacity of 8 MW.	
	Campbellford Seymour Electricity Generation Inc. own two hydroelectric generating stations with an aggregate capacity of 6 MW of which 4 MW is leased to and operated by a non-affiliated private power producer.	8548 1,5548 2,5548
	LFG Power Corporation will own and operate one landfill gas generating station with a capacity of 1.6 MW.	
	Peterborough Distribution Inc. does not own or operate any electricity generation assets.	
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.	in the second
	Refer to Schedule 1.2.2	Shi alb

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.	
	The Applicant proposes to redevelop an existing hydroelectric generating station, the Stan Adamson Powerhouse (SAPH), increasing the capacity of this facility from 1.5 MW to 3.9 MW. The facility is located within the City of Peterborough on the Otonabee River within the campus of Trent University. The Applicant will lease the property from Trent University for a period of twenty years, and shall operate and maintain the facility during this period.	
	The project will be connected to the distribution system of Peterborough Distribution Inc. (PDI) through a line tap to PDI's 44 kV 20M7 feeder originating from Hydro One's Dobbin Transformer Station (Dobbin TS). PDI will construct an overhead line extension of the 44 kV 20M7 feeder from Water Street to the facility, an approximate distance of 500 meters. The cost of the PDI line extension and associated protection upgrades at PDI's Municipal Substation 21 (MS21) will be reimbursed by the Applicant. Per Clause 3.2.5B(b) of the Distribution System Code (DSC), PDI will provide a partial refund to the Applicant calculated as \$90,000 multiplied by the incremental increase in capacity of the facility. The Applicant will also reimburse PDI for costs associated with minor upgrades to Hydro One's Dobbin TS.	
	Trent University has executed a Hydroelectric Contract Initiative (HCI) Contract with the Ontario Power Authority (OPA) – Contract #HCI-0033. The Applicant is presently finalizing an Assumption and Acknowledgement Agreement with the OPA with respect to the HCI Contract.	
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.	
	Trent Energy Inc.'s generating capacity will be equal to 3.9 MW.	
	Peterborough Utilities Inc.'s generating capacity will remain unchanged and equal to 4.1 MW.	i interación
	Lily Lake Solar Inc.'s generating capacity wil remain unchanged and equal to 10 MW.	
	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.	
	Trent Rapids Power Corporation's generating capacity will remain unchanged and equal to 8 MW.	
	LFG Power Corporation's generating capacity will be equal to 1.6 MW with this project expected to be commissioned around the same time as Trent Energy Inc. commissions the SAPH facility.	
	In total, Peterborough Utilities Inc. and its wholly owned affiliates, including the Applicant, will have a generating capacity equal to 33.6 MW of which 4 MW is leased to a non-affiliated private power producer.	
	Peterborough Distribution Inc. does not own or operate any electricity generation assets.	
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.	

In year 2011, the total electricity consumption in the Province of Ontario was 141.5 TWh. Trent Energy Inc.'s annual generation will equal 18,000 MWh, estimated to equal 0.013% of Annual Primary Demand. Peterborough Utilities Inc.'s anticipated annual generation equals 23,800 MWh, estimated to egual 0.017% of Annual Primary Demand. Lily Lake Solar Inc.'s anticipated annual generation equals 13,200 MWh, estimated to equal 0.009% of Annual Primary Demand. Trent Rapids Power Corporation's anticipated annual generation equals 31,000 MWh, estimated to equal 0.022% of Annual Primary Demand. Campbellford Seymour Electricity Generation Inc.'s anticipated annual generation equals 33,000 MWh, estimated to equal 0.023% of Annual Primary Demand. LFG Power Corporation's anticipated annual generation will equal 12,500 MWh, estimated to equal 0.009% of Annual Primary Demand. In total, Peterborough Utilities Inc. and its affiliates, including the Applicant, will generate approximately 131,500 MWh annually, estimated to equal 0.093% of Annual Primary Demand. Attach a short description of the impact, if any, of the proposed transaction or project on 1.5.4 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 is a redevelopment of an existing generation facility that will optimize the generation potential of the site and extend the life of this clean, renewable energy source for an additional 60 to 100 years. 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, or hinder other generators from developing additional generation projects. The Ontario Power Authority continues to offer opportunities for competitive generation projects through the Feed-In-Tariff program and other generation procurement initiatives. Provide confirmation that the proposed transaction or project will have no impact on open access 1.5.5 to the transmission or distribution system of the parties or their affiliates. If open access will be affected explain how and why. The proposed project will have no impact on open access to the transmission system of Hydro One or distribution system of Peterborough Distribution 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 in accordance with applicable regulations. Similarly, PDI continues to provide open access to their distribution systems, accept applications for connection of generation projects to their systems and allocate capacity to all applicants in accordance with applicable regulations.

1.6 Other Information

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 systems of Peterborough Distribution Inc. and sold to the Ontario Power Authority pursuant to Hydroelectric Contract Initiative Contract #HCI-0033.	
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 proposed project is the redevelopment of an approximate 91 year old 'run-of-the-river' hydroelectric generation station wherein the capacity will be increased from 1.5 MW to 3.9 MW to optimize use of the hydrologic resource. The facility will utilize three 1.3 MW EcoBulb TM turbines with permanent magnet generators. The facility will have a maximum capacity of 3.9 MW and will operate continuously during the year, with the exception of scheduled and forced outages, (i.e. approximately 8600 hours per annum) with output ranging between 0.5 MW and 3.9 MW. Due to the 'run-of-the-river' operating regime, 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

Toll Free Number:

1-888-632-6273

Fax: Website: 416-440-7656 http://www.oeb.gov.on.ca

Board Secretary's e-mail address:

boardsec@oeb.gov.on.ca

