

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: Atura H2 L.P. (doing business as Atura H2)	File No: (Board Use Only)	
Address of Head Office 1415 Joshuas Creek Drive, Unit 101 Oakville, Ontario, Canada L6H 7G4	Telephone Number: 289- 813-4638	
	Facsimile Number: 905- 849-8815	
	E-mail Address kelly.griev@aturapower.com	
Name of Individual to Contact Kelly Griev	Telephone Number: 905- 466-8692	
	Facsimile Number: 905- 849-8815	

	E-mail Address: kelly.grievess@aturapower.com	
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1.1.2 Other Parties to the Transaction or Project

If more than one attach list

Name of Other Parties (selling an interest): Not Applicable	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	<p>Attach a list of the officers, directors and shareholders of each of the parties to the proposed transaction or project.</p> <p><u>APPLICANT:</u></p> <p><u>Atura H2 L.P., d/b/a Atura H2, by its general partner, Atura H2 Inc.</u></p> <p>Directors of Atura H2 Inc.:</p> <p>Nicolle Butcher Shelley Babin Heather Ferguson Subo Sinnathamby Neal Simmons</p>	
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	<p>Officers:</p> <p>Shelley Babin, President and Chief Executive Officer Nicolle Butcher, Chair Jay Scrinko, Treasurer Carlton Mathias, Corporate Secretary</p> <p>Unitholders:</p> <p>Atura H2 Inc. (sole general partner) NV LP, d/b/a Atura Power (sole limited partner)</p>	
1.2.2	<p>Attach a corporate chart describing the relationship between each of the parties to the proposed transaction or project and each of their respective affiliates.</p> <p>Please see Appendix 1 attached to the cover letter.</p>	

1.3 Description of the Businesses of Each of the Parties

1.3.1	<p>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").</p> <p><u>Applicant</u></p> <p>The Applicant is a limited partnership formed under the laws of Ontario for the purpose of developing low-carbon hydrogen production projects in Ontario. Atura H2 Inc. is the sole general partner of the Applicant, and its sole limited partner is NV LP, d/b/a Atura Power. Atura H2 Inc. and NV LP are wholly owned by OPG. NV LP is the sole limited partner in Portlands Energy Centre L.P. (also doing business as Atura Power), which owns and operates three natural gas-fired generating facilities in Ontario, namely Portlands Energy Centre located in Toronto; Halton Hills Generating Station located in Halton Hills ("Halton Hills GS"); and Napanee Generating Station located in Bath, Ontario ("Napanee GS"). NV LP is also the sole limited partner in Brighton Beach Power L.P (also doing business as Atura Power), which owns and operates the natural gas-fired Brighton Beach Generating Station in Windsor, Ontario. NV LP and its sole general partner, 2685277 Ontario Inc., are directly and indirectly wholly owned by OPG.</p> <p>The Applicant plans to construct and operate a hydrogen production facility (the "Hydrogen Facility") at a site located near the Sir Adam Beck II Generating Station (the "Beck GS") in Niagara Falls, Ontario. The Beck GS is owned and operated by Ontario Power Generation Inc. ("OPG").</p> <p><u>Electricity Sector Affiliates</u></p> <p>1. Ontario Power Generation Inc.</p> <p>OPG is incorporated under the <i>Business Corporations Act</i> (Ontario) and is wholly owned by the Province of Ontario. OPG holds an electricity generation licence (EG-2003-0104) pursuant to which it owns and/or operates a number of nuclear, thermal, combined- cycle gas-fired, and hydroelectric generating facilities, including the Beck GS.</p> <p>2. Portlands Energy Centre L.P. ("PEC LP")</p> <p>PEC LP holds an OEB electricity generation licence (EG-2004-0540) through its sole general partner, Portlands Energy Centre Inc. ("PEC Inc."), with respect to the ownership and operation of the Portlands Energy Centre, Halton Hills GS, and Napanee GS.</p>	
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	<p>The shares of PEC Inc. are owned by OPG and NV LP, which each hold a 50% equity stake in PEC Inc.</p> <p>3. Brighton Beach Power L.P. (“BB LP”)</p> <p>BB LP holds an OEB electricity generation licence (EG-2002-0525) with respect to the ownership and operation of Brighton Beach Generating Station.</p> <p>BB LP and its sole general partner, Brighton Beach Power Ltd., are indirectly wholly owned by OPG.</p> <p>4. Nanticoke Solar LP (“NSLP”)</p> <p>NSLP is a limited partnership between OPG, a corporation wholly owned by the Six Nations of the Grand River Development Corporation, and the Mississaugas of the Credit First Nation. The partnership operates a 44-MW solar facility at OPG’s former Nanticoke GS site and adjacent lands located in Ontario. OPG owns 80 per cent of the equity interest in NSLP. NSLP holds OEB Electricity Generation Licence EG-2018-0128.</p> <p>5. Lower Mattagami Limited Partnership (“LMLP”)</p> <p>LMLP is a limited partnership between OPG and Amisk-oo-Skow Finance Corporation, a corporation wholly owned by the Moose Cree First Nation. OPG owns approximately 75 per cent of the equity of LMLP. LMLP holds Electricity Generation Licence EG-2012-0354, which authorizes it to own and operate the redeveloped generating units at Kipling 2 GS (Generating Unit 3), Harmon 2 GS (G3), Smoky Falls 2 GS (G1, G2, and G3), and Little Long 2 GS (G3) on the Lower Mattagami River.</p> <p>6. Lower Mattagami Energy Limited Partnership (“LMELP”)</p> <p>Lower Mattagami Energy Limited Partnership is a limited partnership between OPG, as the sole general partner, and LM Energy Inc., a wholly owned subsidiary of OPG, as sole limited partner. LMELP holds OEB Electricity Generation Licence EG-2010-0254, which authorizes it to own and operate the original generating units at Kipling Generating Station (G1 and G2), Harmon Generating Station (G1 and G2), Smoky Falls Generating Station (now retired), and Little Long Generating Station (G1 and G2) on the Lower Mattagami River.</p> <p>7. PSS Generating Station Limited Partnership (“PGSLP”)</p> <p>PSS Generating Station Limited Partnership is a limited partnership between OPG and Coral Rapids Power Corporation, a corporation wholly owned by Taykwa Tagamou Nation. The partnership holds OEB Electricity Generation Licence EG-2016-0052, which authorizes it to own and operate the Peter Sutherland Sr. Generating Station. OPG owns a 67 per cent interest in PGSLP.</p> <p>8. UMH Energy Partnership (“UMHEP”)</p> <p>UMHEP is a general partnership between OPG and its wholly owned subsidiary UMH Energy Inc. The partnership holds OEB Electricity Generation Licence EG-2009-0291 pursuant to which it owns and operates the Sandy Falls Generating Station, Wawaitin Generating Station and Lower Sturgeon Generating Station on the upper Mattagami River, and the Hound Chute Generating Station on the Montreal River.</p>	
1.3.2	<p>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>	

The Applicant:

As of the date of this application, the Applicant does not own or operate any electricity-related facilities and does not serve any geographic territory.

Electricity Sector Affiliates:

1. OPG:

OPG owns and/or operates the following generation facilities in Ontario:

Niagara River System

Sir Adam Beck Generating Station No. I
Sir Adam Beck Generating Station No. II
Sir Adam Beck Pump Generating Station
DeCew Falls Generating Station No. I
DeCew Generating Station No. II

St. Lawrence River System

Robert H. Saunders Generating Station

Ottawa River System

Otto Holden Generating Station
Des Joachims Generating Station
Chenault Generating Station
Chats Falls Generating Station (Units 2,3,4,5)

Madawaska River System

Mountain Chute Generating Station
Barrett Chute Generating Station
Arnprior Generating Station
Stewartville Generating Station
Calabogie Generating Station

Trent River System

Healey Falls Generating Station
Ranney Falls Generating Station
Meyersburg Generating Station
Sidney Generating Station
Hagues Reach Generating Station
Seymour Generating Station
Frankford Generating Station
Sills Island Generating Station

Montreal River System

Lower Notch Generating Station
Chute Generating Station

Matabitchuan River System

Matabitchuan Generating Station

South River System

Elliott Chute Generating Station
Bingham Chute Generating Station
Nipissing Generating Station

Sturgeon River System

Crystal Falls Generating Station

Wanapitei River System

Stinson Generating Station
Coniston Generating Station
McVittie Generating Station

Nipigon River System

Pine Portage Generating Station
Cameron Falls Generating Station
Alexander Generating Station

	<p>English River System Ear Falls Generating Station Manitou Falls Generating Station Caribou Falls Generating Station Lac Seul Generating Station</p> <p>Winnipeg River System Whitedog Falls Generating Station</p> <p>Kaministiquia River System Silver Falls Generating Station Kakabeka Falls Generating Station</p> <p>Aguasabon River System Aguasabon Generating Station</p> <p>Mississippi River System High Falls Generating Station</p> <p>Rideau River System Merrickville Generating Station</p> <p>Otonabee River System Auburn Generating Station Lakefield Generating Station</p> <p>Muskoka River System Ragged Rapids Generating Station Big Eddy Generating Station South Falls Generating Station Trethewey Falls Generating Station Hanna Chute Generating Station</p> <p>Beaver River System Eugenia Falls Generating Station</p> <p>Severn River System Big Chute Generating Station</p> <p>Abitibi River System Abitibi Canyon Generating Station Otter Rapids Generating Station</p> <p>Hydraulic Generation Facilities by River System – Operated Only <u>Ottawa River System</u> Chats Falls Generating Station (Units 6,7,8,9)</p> <p>Gas Fired Generation - Owned and Operated Lennox Generating Station, a gas-fired generating station located at Industrial Park, Greater Napanee, ON K0H 2S0.</p> <p>Biomass Generation - Owned and Operated Atikokan Thunder Bay Generating Station (Units 2, 3), a biomass generation facility located eight kilometres north of the Town of Atikokan, Ontario.</p> <p>Nuclear Generation - Owned and Operated Pickering Nuclear Generating Station A, a facility located at 1675 Montgomery Park Rd, Pickering, Ontario Pickering Nuclear Generating Station B, a facility located at 1675 Montgomery Park Rd, Pickering, Ontario Darlington Nuclear Generating Station, a facility located at 1 Holt Road South in Bowmanville, Ontario</p> <p>Nuclear Generation - Owned Only Bruce Nuclear Generating Station A, a facility located at 177 Tie Road in Tiverton, Ontario Bruce Nuclear Generating Station B, a facility located at 177 Tie Road in Tiverton, Ontario</p> <p>2. <u>Portlands Energy Centre Inc. on behalf of Portlands Energy Centre L.P.</u></p> <p>Portlands Energy Centre Inc. holds an OEB electricity generation licence and owns and operates the following facilities on behalf of Portlands Energy Centre L.P. The partnership holds OEB Generating Licence EG-2004-0540.</p>	
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	<p>(a) Portlands Energy Centre, a natural gas-fired facility located at 470 Unwin Avenue, Toronto, Ontario.</p> <p>(b) Halton Hills GS, a natural gas-fired facility located at 7974 Sixth Line South, Halton Hills, Ontario.</p> <p>(c) Napanee GS, a natural gas-fired facility located at located at 7143 Loyalist Parkway, Bath, Ontario.</p> <p>3. <u>Brighton Beach Power L.P.</u></p> <p>Brighton Beach Power Ltd. holds an OEB electricity generation licence and on behalf of Brighton Beach Power L.P. owns and operates the natural gas-fired generating station named Brighton Beach Generating Station, which is located at 100 Broadway Street, Windsor, Ontario. The partnership holds OEB Generating Licence EG-2002-0525.</p> <p>4. <u>Nanticoke Solar LP</u></p> <p>NSLP owns and operates the Nanticoke Solar Generating Station, which has an installed capacity of 44 MW and is located at 34 Haldimand Road 55 South, Nanticoke, Ontario. The partnership holds OEB Generating Licence EG-2018-0128.</p> <p>5. <u>Lower Mattagami Limited Partnership</u></p> <p>LMPL jointly owns and operates four hydroelectric generating stations on the Lower Mattagami River, namely Kipling 2 Generating Station, Harmon 2 Generating Station, Smoky Falls 2 Generating Station, and Little Long 2 Generating Station. It holds OEB Electricity Generating Licence EG-2012-0354.</p> <p>6. <u>Lower Mattagami Energy Limited Partnership</u></p> <p>LMELP jointly owns and operates four hydroelectric generating stations on the Lower Mattagami River, namely Kipling Generating Station, Harmon Generating Station, Smoky Falls Generating Station, and Little Long Generating Station. It holds OEB Electricity Generating Licence EG-2010-0254.</p> <p>7. <u>PSS Generating Station Limited Partnership</u></p> <p>PGSLP owns and operates the Peter Sutherland Sr. Generating Station on the Abitibi River. It holds OEB Electricity Generation Licence EG-2016-0052.</p> <p>8. <u>UMH Energy Partnership ("UMHEP")</u></p> <p>UMHEP owns and operates the Sandy Falls Generating Station, Wawaitin Generating Station and Lower Sturgeon Generating Station located on the Upper Mattagami River, and the Hound Chute Generating Station on the Montreal River. It holds OEB Electricity Generation Licence EG-2009-0291.</p>	
1.3.3	<p>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> <p>OPG, directly and also through its Electricity Sector Affiliates, had total sales of approximately C\$6.3 billion and generated 75.5 million MWh in Ontario in 2021. Nearly all of those sales were through the IESO Administered Markets. Atura H2 L.P. sold no electricity and had \$0 of total sales in 2021.</p>	
1.3.4	<p>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> <p>OPG holds OEB Electricity Generation Licence EG-2003-0104.</p> <p>Lower Mattagami Energy Limited Partnership holds OEB Electricity Generation Licence EG-2010-0254</p>	

	<p>Lower Mattagami Limited Partnership holds OEB Electricity Generation Licence EG-2012-0354</p> <p>Portlands Energy Centre Inc. holds OEB Electricity Generation Licence EG-2004-0540 on behalf of Portlands Energy Centre L.P.</p> <p>Brighton Beach Power L.P. holds OEB Electricity Generation Licence EG-2002-0525.</p> <p>Nanticoke Solar LP holds OEB Electricity Generation Licence EG-2018-0128.</p> <p>PSS Generating Station Limited Partnership holds OEB Electricity Generation Licence EG-2016-0052.</p> <p>UMH Energy Partnership holds OEB Electricity Generation Licence EG-2009-0291.</p>	
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1.4 Current Competitive Characteristics of the Market

1.4.1	<p>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> <table><tr><th>Entity</th><th>MW</th></tr><tr><td>Atura H2 L.P.</td><td>0 MW</td></tr><tr><td>OPG</td><td>18,958 MW</td></tr><tr><td>Portlands Energy Centre Inc.</td><td>2,145 MW</td></tr><tr><td>Brighton Beach Power L.P.</td><td>570 MW</td></tr><tr><td>Nanticoke Solar LP</td><td>44 MW</td></tr><tr><td>Lower Mattagami Energy Limited Partnership and Lower Mattagami Limited Partnership</td><td>939 MW</td></tr><tr><td>PSS Generating Station Limited Partnership</td><td>28 MW</td></tr><tr><td>UMH Energy Partnership</td><td>43 MW</td></tr><tr><td>TOTAL</td><td>22,727 MW</td></tr></table> <p>Note that the generation capacity figures shown above represent in-service capacity.</p>	Entity	MW	Atura H2 L.P.	0 MW	OPG	18,958 MW	Portlands Energy Centre Inc.	2,145 MW	Brighton Beach Power L.P.	570 MW	Nanticoke Solar LP	44 MW	Lower Mattagami Energy Limited Partnership and Lower Mattagami Limited Partnership	939 MW	PSS Generating Station Limited Partnership	28 MW	UMH Energy Partnership	43 MW	TOTAL	22,727 MW
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UMH Energy Partnership	43 MW																				
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1.4.2	<p>Describe the generation market share based on actual MWh production as a percent 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, prior to completion of the proposed transaction or project.</p> <p><u>OPG</u></p> <p>The Annual Primary Demand is no longer calculated by the IESO, but the IESO has stated that in 2021, Ontario's total annual electricity consumption was 133.8 TWh. (Source: http://www.ieso.ca/en/Corporate-IESO/Media/Year-End-Data)</p> <p>In 2021, OPG's facilities (not including the Bruce Power stations which are not operated by OPG) produced a total of 75.5 terawatt hours of electricity net of station service load. This production represented approximately 56% of the total Ontario energy demand.</p> <p>In 2021, Portlands Energy Centre L.P. produced a total of 4.37 TWh of electricity net of station service load. This production represented less than 3.26% of the total Ontario energy demand.</p> <p>In 2021, Brighton Beach Power L.P. produced a total of 0.15 TWh of electricity net of station service load. This production represented less than 0.11% of the total Ontario energy</p>																				

	<p>demand.</p> <p>In 2021, Nanticoke Solar LP produced a total of 0.08 TWh of electricity net of station service load. This production represented less than 0.06% of the total Ontario energy demand.</p> <p>In 2021, Lower Mattagami Energy Limited Partnership and Lower Mattagami Limited Partnership jointly produced a total of 1.81 TWh of electricity net of station service load. This production represented less than 1.35% of the total Ontario energy demand.</p> <p>In 2021, PSS Generating Station Limited Partnership produced a total of 0.09 TWh of electricity net of station service load. This production represented less than 0.068% of the total Ontario energy demand.</p> <p>In 2021, UMH Energy Partnership produced a total of 0.16 TWh of electricity. This production represented less than 0.12% of the total Ontario energy demand.</p>	
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1.5 Description of the Proposed Transaction or Project and Impact on Competition - General

1.5.1	<p>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> <p>Please see the accompanying cover letter, which includes a detailed description of the proposed project.</p>	
1.5.2	<p>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> <p>The proposed project will not change the generation capacity of the parties and their Electricity Sector Affiliates.</p>	
1.5.3	<p>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> <p>The proposed project will have no material change on the amount of electricity produced by OPG for injection into the IESO-controlled grid. OPG's Beck GS will be directly supplying the Hydrogen Facility with (1) electricity to intermittently operate the electrolyzer equipment used for hydrogen production (the "Production Power"), and (2) continuous, round-the-clock electricity for other purposes, including for the operation of base building systems, while the electrolyzer is idle (the "Baseload Power").</p> <p>The Production Power that will be supplied directly by OPG will have no impact on the amount of electricity OPG will be able to supply to the IESO-controlled grid because OPG will only be supplying Production Power when Beck GS would otherwise be required to spill water for purposes of providing grid regulation service to the IESO. OPG is currently party to an ancillary services agreement with the IESO for the supply of regulation service from Beck GS. In response to signals sent by the IESO, this service involves OPG being compensated for using its automatic generation control (AGC) capability at Beck GS to vary its output resulting in unutilized water instead of generating electricity. For purposes of the Hydrogen Facility and only during periods when OPG is directed to reduce output for regulation service, OPG would not downward modulate the turbines, but would instead continue to generate electricity and transmit the corresponding output behind the meter to directly supply the Hydrogen Facility for purposes of hydrogen production. The amount of Production Power that will be transmitted from the Beck GS to the Hydrogen Facility is capped at 20 MW per hour.</p>	

	<p>The Hydrogen Facility will also need to be supplied with Baseload Power from the Beck GS. However, Baseload Power is never expected to exceed 2.5 MW per hour, and this amount of power will have no material impact on OPG's market share.</p> <p>The proposed project will have no impact on the production or market share of any of the Applicant's other Electricity Sector Affiliates.</p>	
1.5.4	<p>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.</p> <p>There will be no impact on competition in Ontario's electricity market. The construction of a short distribution line to serve the proposed Hydrogen Facility will not have any impact on customer choice regarding generation, energy wholesalers, and energy retailers.</p>	
1.5.5	<p>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> <p>The proposed project will have no impact on open access. The Applicant's proposed distribution line will be used solely for the purpose of conveying electricity to the Hydrogen Facility.</p>	

1.6 Other Information

1.6.1	<p>Attach confirmation that the parties to the proposed transaction or project are in compliance with all licence and code requirements, and will continue to be in compliance after completion of the proposed transaction or project.</p> <p>The Applicant confirms that to the best of its knowledge it is in compliance with all licence and code requirements and will continue to be in compliance after completion of the proposed project.</p>	
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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.

Not Applicable

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.	
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.	
2.1.4	Provide details on whether the generation facility is expected to sign a “must run” contract with the IESO.	
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.	

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	<p>Provide a description of the transmission or distribution system being acquired or constructed.</p> <p>The Applicant proposes to construct the following, all of which will be on lands to be leased by the Applicant from OPG:</p> <ul style="list-style-type: none">• a tap from the existing 230 kV high-voltage bus that runs from the Sir Adam Beck Generating Station No. 2 to the transmission substation on the island to the west of that generating station (the “Line Tap”);• a transformer station adjacent to the Line Tap, at which the voltage would be stepped down from 230 kV to 27.6 kV (the “Transformer Station”); and• a 27.6 kV distribution line, approximately 3.5 km in length, to connect the Hydrogen Facility to the Transformer Station (the “Distribution Line”).	
3.1.2	<p>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.</p> <p>The Applicant is an affiliate of OPG, which owns and operates the Beck GS. The proposed Distribution Line would be directly connected at the Line Tap to the OPG-owned high-voltage bus line that conveys electricity from the Beck GS to the IESO-controlled grid.</p>	
3.1.3	<p>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.</p> <p>This question does not appear to be applicable to this application because the proposed project is not a generation facility.</p>	
3.1.4	<p>Provide details on whether the generation facilities are expected to sign a “must run” contract with the IESO.</p> <p>The Applicant does not expect to sign a “must run” contract for the Hydrogen Facility.</p>	

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: 416-440-7656
Website: <http://www.oeb.gov.on.ca>
Board Secretary's e-mail address: boardsec@oeb.gov.on.ca