



Electricity Generation Licence Application

Energy Ottawa Inc.

1. Application Type

1. (a) Application Type

New Renewal

1. (b) Licence Number

EG-2003-0124

1. (c) Expiry Date

October 19, 2023

2. The Applicant

2. (a) Legal Name of the Applicant

Energy Ottawa Inc.

2. (b) Business Classification

Sole Proprietorship Partnership Corporation Other

2. (c) Date of Formation or Incorporation

October 03, 2000

2. (d) Province/State of Formation or Incorporation

Ontario

2. (e) Country of Formation or Incorporation

Canada

2. (f) If the applicant is an individual, are they at least 18 years old?

If the applicant is an individual, the applicant must be at least 18 years old.

Yes No Not Applicable

2. (g) Head Office or Business Address of the Applicant

Street Address: 2711 Hunt Club Road PO Box 8700

City: Ottawa

Province/State: Ontario

Country: Canada

Postal/Zip Code: K1G 3S4

Website: www.portagepower.com

Main Phone Number and Email Address

Phone Number: 613-738-5499

Extension: 2106

Email Address: regulatoryaffairs@hydroottawa.com

2. (h) Please describe the applicant's current or intended line of business and business activities.

As outlined in its current licence, Energy Ottawa Inc. - EG-2003-0124:

(a) To generate electricity or provide ancillary services in the IESO-administered markets or directly to another person subject to the conditions set out in this Licence.

(b) To purchase electricity or ancillary services in the IESO-administered markets or directly from a generator subject to the conditions set out in this Licence; and

(c) To sell electricity or ancillary services through the IESO-administered markets or directly to another person, other than a consumer, subject to the conditions set out in this Licence.

3. Licence Primary Contact

The licensee shall designate a person who will act as a primary contact with the Ontario Energy Board (OEB) on matters related to the licence.

3. (a) Licence Primary Contact

Salutation: Ms.

Last Name: Barrie

First Name: April

Initials: AB

Title/Position: Director, Regulatory Affairs

Company: Hydro Ottawa Limited

Phone Number: 613-738-5499

Extension: 2106

Email Address: regulatoryaffairs@hydroottawa.com

3. (b) Is the Licence Primary Contact address the same as the Head Office or Business address?

Yes No

4. Application Primary Contact

The primary contact for the licence application may be a person within the applicant's organization other than the licence primary contact noted above. An applicant may also choose to designate a consultant, lawyer, etc. to be the primary contact for the licence application. The OEB will communicate with this person during the course of the application review process, but with the licence primary contact after a licence is issued.

4. (a) Is the Application Primary Contact the same as the Licence Primary Contact?

Yes No

5. Trade Names

The electricity generation licence authorizes the licensee to conduct business using the name under which the licence is held (i.e. the applicant's legal name). It also provides for the use of trade names by the licensee.

5. (a) Does the applicant intend to use trade names?

Yes No

6. Applicant's Licensing Status and History

6. (a) Has the applicant, an affiliate of the applicant, or an associated entity (e.g. a partnership or limited partnership) ever been licensed by the OEB?

Yes No

The *Business Corporations Act* definition for "affiliate" can be found at www.e-laws.gov.on.ca.

If yes, please provide current and expired licences.

| Licensee Name | Relation to the Applicant (e.g. applicant itself, affiliate, partner, etc.) | Licence Number |
|---|---|----------------|
| Hydro Ottawa Limited | Affiliate | ED-2002-0556 |
| Chaudiere Hydro North L.P. | Affiliate | EG-2019-0176 |
| PowerTrail Inc. | Affiliate | EG-2006-0056 |
| Moose Creek Energy L.P. | Affiliate | EG-2012-0377 |
| Chaudiere Hydro L.P. | Affiliate | EG-2012-0320 |
| Hull Energy L.P. | Affiliate | EG-2019-0175 |
| EO Generation LP by its general partner EO Generation GP Inc. | Affiliate | EG-2012-0091 |

6. (b) Does the applicant, an affiliate of the applicant, or an associated entity (e.g. a partnership or limited partnership) have any other application(s) before the OEB?

Yes No

6. (c) Has the applicant, an affiliate of the applicant, or an associated entity (e.g. a partnership or limited partnership) ever undertaken energy sector activity in any other jurisdiction within North America?

Yes No

If yes, please provide information about activities in other jurisdictions.

| Company Name | Relation to the Applicant | Jurisdiction | Business Activity | Name of Licensing Body and Licence/Registration No. (if applicable) |
|-------------------------|---------------------------|---------------------|---------------------------|---|
| EONY Generation Limited | Affiliate | New York State, USA | Hydro Electric Generation | Federal Energy Regulatory Commission (FERC) #s 4334, 4349, 3763, 4008 |

6. (d) Is the applicant, an affiliate of the applicant, or an associated entity (e.g. a partnership or limited partnership) an Independent Electricity System Operator (IESO) market participant?

Yes No

If yes, please provide information on the IESO market participant(s) below.

| Registered IESO Organization Name | Relation to the Applicant | Participant/Program/Service |
|-----------------------------------|---------------------------|-----------------------------|
| Energy Ottawa Inc. | Applicant | Capacity Auction, Retailer |
| Hydro Ottawa Limited | Affiliate | Local Distribution Company |

7. Officers, Directors and Key Individuals

7. (a) Please confirm the number of officers, directors and key individuals in your organization.

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7. (b) In the table below, identify the key individuals that are responsible for executing the following functions for the applicant: matters related to regulatory requirements and conduct, financial matters and technical matters.

Key individuals include the Chief Executive Officer, the Chief Financial Officer, other officers and directors, partners or proprietors.

NOTES:

- List a minimum of 3 key individuals in the table below. Additional information about each key individual is required in Section 16.
- One of the listed key individuals must sign the completed application. See Section 18 for signing authority details.

| Name of Key Individual | Email | Title/Position within Applicant's Business (or identify company if not the Applicant's Business) |
|------------------------|--------------------------------|--|
| Bryce Conrad | bryceconrad@hydroottawa.com | President and Chief Executive Officer |
| Gregory Clarke | gregoryclarke@portagepower.com | Chief Electricity Generation Officer |
| Geoff Simpson | geoffsimpson@hydroottawa.com | Chief Financial Officer |

8. Intended Markets and Services

8. (a) Does the applicant intend to sell electricity into the IESO-administered markets?

Yes No

If yes, please provide particulars (e.g. procurement contract with the IESO).

GS2 - 20 year PPA contract HCI-0017 dated Apr 20-2010

GS4 - 20 year PPA contract HCI-0018 dated Apr 20-2010

Grinder - 20 year PPA contract RESOP11110 dated Aug 20-2007

8. (b) Does the applicant intend to sell ancillary services into the IESO-administered markets?

The [Ontario Energy Board Act, 1998](#), (OEB Act), defines "ancillary services" as services necessary to maintain the reliability of the IESO-controlled grid, including frequency control, voltage control, reactive power and operating reserve services.

Yes No

8. (c) Does the applicant intend to sell electricity to another person?

Yes No

8. (d) Does the applicant intend to sell electricity to a consumer, defined as a person who uses for the person's own consumption, electricity that the person did not generate?

Yes No

If yes, the applicant may require a retailer licence. The electricity retailer application form along with information regarding when a retailer licence is required can be found on the OEB's [Apply for a licence](#) web page. If required, the electricity retailer application should be filed as soon as possible.

9. Facility Description

Please provide the number of facilities the applicant intends to generate electricity for sale from.

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Facility #1

(a) Generation Type

Natural Gas Water Wind Solar Other

(b) Installed Capacity (in Megawatts)

8.50 MW

NOTE: A person who owns or operates 1 or more facilities each with a total name plate capacity of 500 kilowatts or less is exempt from the need to obtain an electricity generation licence.

(c) Number of Units

4

(d) Facility Name

GS2

(e) Facility Address

1 Timberslide St., Ottawa, Ontario, K1R 6K4

(f) Licensee Responsibility/Qualification Sought

Owner and operator Owner only Operator only

Facility #2

(a) Generation Type

Natural Gas Water Wind Solar Other

(b) Installed Capacity (in Megawatts)

9.25 MW

NOTE: A person who owns or operates 1 or more facilities each with a total name plate capacity of 500 kilowatts or less is exempt from the need to obtain an electricity generation licence.

(c) Number of Units

2

(d) Facility Name

GS4

(e) Facility Address

5 Middle St., Ottawa, Ontario K1R 6K4

(f) Licensee Responsibility/Qualification Sought

Owner and operator Owner only Operator only

Facility #3

(a) Generation Type

Natural Gas Water Wind Solar Other

(b) Installed Capacity (in Megawatts)

0.75 MW

NOTE: A person who owns or operates 1 or more facilities each with a total name plate capacity of 500 kilowatts or less is exempt from the need to obtain an electricity generation licence.

(c) Number of Units

1

(d) Facility Name

Grinder

(e) Facility Address

1 Timberslide St., Ottawa, Ontario, K1R 6K4

(f) Licensee Responsibility/Qualification Sought

Owner and operator Owner only Operator only

10. Facility Status

Facility #1

(a) Facility Status

Existing facility in commercial service New facility Existing facility not in commercial service

When did this facility achieve commercial operation?

April 1, 2010

Is the applicant the original owner and operator?

Yes No

(b) Please provide a list of all regulatory approvals required (e.g. environmental, municipal, etc.) and identify the status of each approval.

All complete and approved.

Canadian Environmental Assessment Act - PWGSC/NCC
Ontario Environmental Assessment Act - Class EA Electricity - MOE,MNR
Fisheries Act - Section 35(2) - Authorization - DFO
Fisheries Act - Section 32 - Authorization - DFO
Navigable Waters Protection Act - Transport Canada
Federal Land Use Approval - NCC
Licence of Occupation - PWGSC
Letter of Approval - H&S Aspects - PWGSC
Letter of Approval - If the Landlord of the hydraulic lots, PWGSC will issue a letter of approval regarding Domtar's rights to draw and use water and waterpower from the Ottawa River - PWGSC
Ontario Water Resources Act (Section 53) - Certificate of Approval. To discharge stormwater and turbid water during dewatering activities back into the river - MOE
Ontario Water Resources Act (Section 53) - Certificate of Approval. For oil/water separator - MOE
Permit to Take Water (PTTW). Taking 50 000 L/day or more for operation of facility - MOE
Environmental Protection Act - Certificate of Approval Air - MOE
Record of Site Condition O. Reg. 153/04 - MOE
Hazard Waste Generator Registration - MOE
Lakes and Rivers Improvement Act - Section 14 and 16 - MNR
Public Lands Act - Shore Lands Work Permit - MNR
Conservation Authorities Act - Section 28 - RVCA
Site Plan Approval - City of Ottawa
Building Permit - City of Ottawa

(c) Is the generation facility under construction or extensive rehabilitation?

Yes No

(d) Has the applicant secured financing?

Yes No

If no, please describe the applicant's plans to secure financing.

N/A - already in operation

Facility #2

(a) Facility Status

Existing facility in commercial service New facility Existing facility not in commercial service

When did this facility achieve commercial operation?

April 1, 2010

Is the applicant the original owner and operator?

Yes No

(b) Please provide a list of all regulatory approvals required (e.g. environmental, municipal, etc.) and identify the status of each approval.

All complete and approved.

- Canadian Environmental Assessment Act - PWGSC/NCC
- Ontario Environmental Assessment Act - Class EA Electricity - MOE, MNR
- Fisheries Act - Section 35(2) - Authorization - DFO
- Fisheries Act - Section 32 - Authorization - DFO
- Navigable Waters Protection Act - Transport Canada
- Federal Land Use Approval - NCC
- Licence of Occupation - PWGSC
- Letter of Approval - H&S Aspects - PWGSC
- Letter of Approval - If the Landlord of the hydraulic lots, PWGSC will issue a letter of approval regarding Domtar's rights to draw and use water and waterpower from the Ottawa River - PWGSC
- Ontario Water Resources Act (Section 53) - Certificate of Approval. To discharge stormwater and turbid water during dewatering activities back into the river - MOE
- Ontario Water Resources Act (Section 53) - Certificate of Approval. For oil/water separator - MOE
- Permit to Take Water (PTTW). Taking 50 000 L/day or more for operation of facility - MOE
- Environmental Protection Act - Certificate of Approval Air - MOE
- Record of Site Condition O. Reg. 153/04 - MOE
- Hazard Waste Generator Registration - MOE
- Lakes and Rivers Improvement Act - Section 14 and 16 - MNR
- Public Lands Act - Shore Lands Work Permit - MNR
- Conservation Authorities Act - Section 28 - RVCA
- Site Plan Approval - City of Ottawa
- Building Permit - City of Ottawa

(c) Is the generation facility under construction or extensive rehabilitation?

Yes No

(d) Has the applicant secured financing?

Yes No

If no, please describe the applicant's plans to secure financing.

N/A - already in operation

Facility #3

(a) Facility Status

- Existing facility in commercial service New facility Existing facility not in commercial service

When did this facility achieve commercial operation?

August 20, 2007

Is the applicant the original owner and operator?

- Yes No

(b) Please provide a list of all regulatory approvals required (e.g. environmental, municipal, etc.) and identify the status of each approval.

All complete and approved.

Canadian Environmental Assessment Act - PWGSC/NCC
Ontario Environmental Assessment Act - Class EA Electricity - MOE, MNR
Fisheries Act - Section 35(2) - Authorization - DFO
Fisheries Act - Section 32 - Authorization - DFO
Navigable Waters Protection Act - Transport Canada
Federal Land Use Approval - NCC
Licence of Occupation - PWGSC
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Ontario Water Resources Act (Section 53) - Certificate of Approval. For oil/water separator - MOE
Permit to Take Water (PTTW). Taking 50 000 L/day or more for operation of facility - MOE
Environmental Protection Act - Certificate of Approval Air - MOE
Record of Site Condition O. Reg. 153/04 - MOE
Hazard Waste Generator Registration - MOE
Lakes and Rivers Improvement Act - Section 14 and 16 - MNR
Public Lands Act - Shore Lands Work Permit - MNR
Conservation Authorities Act - Section 28 - RVCA
Site Plan Approval - City of Ottawa
Building Permit - City of Ottawa

(c) Is the generation facility under construction or extensive rehabilitation?

- Yes No

(d) Has the applicant secured financing?

- Yes No

If no, please describe the applicant's plans to secure financing.

N/A - already in operation

11. Facility Connection

Facility #1

(a) What is the voltage at the perimeter of the applicant's property from the output of the generation facility?

- 50 kV or less greater than 50 kV

NOTE:

The [OEB Act](#) defines a "distribution system" as a system for distributing electricity, and includes any structures, equipment or other things used for that purpose. "Distribute", with respect to electricity, means to convey electricity at voltages of 50 kV or less.

(i) Describe the existing or future distribution system from the output of the generation facility to the connection point with the electricity distributor or to the connection point with the transmission system (e.g. length of line, transformers, etc.).

13.2KV feeders TC1TL, TC2TL, and TC3TL (2.5km) connected to Lisgar Transformer Station LV Bus

(ii) Does (or will) the applicant own and/or operate the distribution system?

- Yes No

If no, please identify the owner and/or operator of the distribution system.

Hydro Ottawa Limited

(iii) Does (or will) the distribution system connect the generation facility to an electricity distributor?

- Yes No

If yes, please identify the electricity distributor.

Hydro Ottawa Limited

(b) Please provide a diagram demonstrating all components of the generation facility, distribution assets to connect to the customer's facility and the connection point to the customer's facility.

[gs2gs4grinder-002e-single-line-diagram-pc.pdf](#)

(c) Please identify the ownership of all components included in the diagram provided in the last question, i.e. if the components are owned by the applicant or the customer.

Single Line Diagram attached above includes all three stations - GS2, GS4 and Grinder.

Circuits TC1TL, TC2TL and TC3TL belong to Hydro Ottawa Limited. All other equipment belongs to Energy Ottawa.

Facility #2

(a) What is the voltage at the perimeter of the applicant's property from the output of the generation facility?

- 50 kV or less greater than 50 kV

NOTE:

The [OEB Act](#) defines a "distribution system" as a system for distributing electricity, and includes any structures, equipment or other things used for that purpose. "Distribute", with respect to electricity, means to convey electricity at voltages of 50 kV or less.

(i) Describe the existing or future distribution system from the output of the generation facility to the connection point with the electricity distributor or to the connection point with the transmission system (e.g. length of line, transformers, etc.).

13.2KV feeders TC1TL, TC2TL, and TC3TL (2.5km) connected to Lisgar Transformer Station LV Bus

(ii) Does (or will) the applicant own and/or operate the distribution system?

Yes No

If no, please identify the owner and/or operator of the distribution system.

Hydro Ottawa Limited

(iii) Does (or will) the distribution system connect the generation facility to an electricity distributor?

Yes No

If yes, please identify the electricity distributor.

Hydro Ottawa Limited

(b) Please provide a diagram demonstrating all components of the generation facility, distribution assets to connect to the customer's facility and the connection point to the customer's facility.

[gs2gs4grinder-002e-single-line-diagram-pc.pdf](#)

(c) Please identify the ownership of all components included in the diagram provided in the last question, i.e. if the components are owned by the applicant or the customer.

Single Line Diagram attached above includes all three stations - GS2, GS4 and Grinder.

Circuits TC1TL, TC2TL and TC3TL belong to Hydro Ottawa Limited. All other equipment belongs to Energy Ottawa.

Facility #3

(a) What is the voltage at the perimeter of the applicant's property from the output of the generation facility?

50 kV or less greater than 50 kV

NOTE:

The [OEB Act](#) defines a "distribution system" as a system for distributing electricity, and includes any structures, equipment or other things used for that purpose. "Distribute", with respect to electricity, means to convey electricity at voltages of 50 kV or less.

(i) Describe the existing or future distribution system from the output of the generation facility to the connection point with the electricity distributor or to the connection point with the transmission system (e.g. length of line, transformers, etc.).

13.2KV feeders TC1TL, TC2TL, and TC3TL (2.5km) connected to Lisgar Transformer Station LV Bus.

(ii) Does (or will) the applicant own and/or operate the distribution system?

Yes No

If no, please identify the owner and/or operator of the distribution system.

Hydro Ottawa Limited

(iii) Does (or will) the distribution system connect the generation facility to an electricity distributor?

Yes No

If yes, please identify the electricity distributor.

Hydro Ottawa Limited

(b) Please provide a diagram demonstrating all components of the generation facility, distribution assets to connect to the customer's facility and the connection point to the customer's facility.

[gs2gs4grinder-002e-single-line-diagram-pc0.pdf](#)

(c) Please identify the ownership of all components included in the diagram provided in the last question, i.e. if the components are owned by the applicant or the customer.

Single Line Diagram attached above includes all three stations - GS2, GS4 and Grinder.

Circuits TC1TL, TC2TL and TC3TL belong to Hydro Ottawa Limited. All other equipment belongs to Energy Ottawa.

CONFIDENTIAL SECTIONS

Information filed as part of or in support of sections 12 to 16 of this application will be treated as confidential and is not available for public view.

17. Notice

The OEB is authorized, under section 4.14 of the [OEB Act](#), to collect personal information for the purpose of carrying out its duties and exercising its powers under the OEB Act or any other Act.

The information provided both on this form and attached to this form is being collected by the OEB for the purpose of determining whether the applicant is qualified to receive the licence for which it is applying.

In order to verify the information on this form and/or determine whether the applicant is qualified to receive the licence for which it is applying, it may be necessary for the OEB to collect additional information from some or all of the following sources: federal, provincial/state, or municipal governments; licensing bodies; law enforcement agencies; credit bureaus; and banks. Only information relevant to the application or the OEB's determination of the application will be collected by the OEB.

The public official who can answer questions about the collection of the information is:

Registrar

Ontario Energy Board

P.O. Box 2319

2300 Yonge Street, 27th Floor

Toronto, ON M4P 1E4

Tel: 416-481-1967 or 1-888-632-6273

Applicants are reminded that the OEB is subject to the [Freedom of Information and Protection of Privacy Act](#) (FIPPA). FIPPA addresses circumstances in which the OEB may, upon request, be required to release information that is in its custody or under its control, and generally prohibits the OEB from releasing personal information. "Personal Information" has the meaning given to it under FIPPA.