



Electricity Generation Licence Application

Hamilton Hydro Services Inc. (EG)

1. Application Type

1. (a) Application Type

☐ New ☒ Renewal

1. (b) Licence Number

EG-2002-0383

1. (c) Expiry Date

February 18, 2023

2. The Applicant

2. (a) Legal Name of the Applicant

Hamilton Hydro Services Inc. (EG)

2. (b) Business Classification

☐ Sole Proprietorship ☐ Partnership ☒ Corporation ☐ Other

2. (c) Date of Formation or Incorporation

June 01, 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

<u>STREET ADDRESS</u>	<u>CITY</u>	<u>PROVINCE/STATE</u>	<u>COUNTRY</u>	<u>POSTAL/ZIP CODE</u>	<u>WEBSITE</u>
79 Bay Street North	Hamilton	Ontario	Canada	L8R 3P8	www.hce.net

Main Phone Number and Email Address

PHONE NUMBER

TOLL FREE**EMAIL ADDRESS**

905-645-0101

1-844-423-4443

info@hce.net

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

District Energy and Power Generation

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

<u>SALUTATION</u>	<u>LAST NAME</u>	<u>FIRST NAME</u>	<u>TITLE/POSITION</u>	<u>COMPANY</u>	<u>PHONE NUMBER</u>
Mr.	Crown	Michael	Director of Energy	HCE Energy	289-776-8053

EMAIL ADDRESS

michael.crown@hce technologies.com

3. (b) Is the Licence Primary Contact address the same as the Head Office or Business address?☐ Yes ☒ No**Licence Primary Contact Address**

<u>STREET ADDRESS</u>	<u>CITY</u>	<u>PROVINCE/STATE</u>	<u>COUNTRY</u>	<u>POSTAL/ZIP CODE</u>	<u>WEBSITE</u>
79 Bay Street North	Hamilton	Ontario	Canada	L8R 3P8	www.hce.net

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

If yes, please provide a list of trade names the applicant intends to use.

HCE, HCE Energy, Hamilton Community Energy

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
Hamilton Hydro Services Inc.	Self	EG-2002-0383
HCE Energy Inc.	Self	ER-2018-0186
HIPCO-Portlands Projects Corporation	Subsidiary	EG-2018-0230

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

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
HCE Energy	Self	ICI, Demand Response
HIPCO Portlands	Affiliate (Special Purpose Vehicle)	CHPSOP2

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:

1. List a minimum of 3 key individuals in the table below. Additional information about each key individual is required in Section 16.
2. 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)
Jeffrey Cowan	jeff.cowan@hccetechnologies.com	President and CEO
David Inkley	David.Inkley@hccetechnologies.com	Vice President, Engineering and Business Development
Michael Crown	michael.crown@hccetechnologies.com	Director of Energy
Adelaide Mendes-Goom	Adelaide.Mendes-Goom@hccetechnologies.com	Director of Finance

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).

Electricity sold to the grid on an ad-hoc basis.

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

If yes, please provide particulars.

Demand Response program participant.

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

☒ Yes ☐ No

If yes, please provide particulars.

City of Hamilton through a Power Purchase Agreement

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.

1

Facility #1

(a) Generation Type

☒ Natural Gas ☐ Water ☐ Wind ☐ Solar ☐ Other

(b) Installed Capacity (in Megawatts)

3.50 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

1

(d) Facility Name

Hamilton Community Energy Centre

(e) Facility Address

79 Bay Street North
Hamilton, Ontario
L8R 3P8

(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?

February 24, 2002

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.

Not applicable - existing operating facility. Approvals received at time of original construction in 2002.

(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.

This is an existing operating facility - no financing required.

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.).

The generation facility connects to the LDC's (Alectra's) distribution system at Hamilton's Central Utilities Plant.

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

☒ Yes ☐ No

If yes, does the applicant own and/or operate the distribution system ONLY for the purpose of conveying electricity from the generation facility to the IESO-controlled grid?

☐ Yes ☒ No

If no, please describe the purpose of the distribution system.

The generator provides power to City of Hamilton facilities as an alternate to the feed from the LDC (Alectra).

NOTE:

If the answer to the question above is no, the applicant may require a distribution licence. The application form along with information regarding when a distribution licence is required can be found at www.oeb.ca. If required, this application should be filed as soon as possible.

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

☒ Yes ☐ No

If yes, please identify the electricity distributor.

Alectra Utilities

(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.

[21-004-e100-single-line-diagram.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.

The 3.5 MW combined heat and power generator and associated cabling and switchgear.

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.