



Electricity Generation Licence Application

Upper Thames River Conservation Authority

1. Application Type

1. (a) Application Type

New Renewal

1. (b) Licence Number

EG-2003-0125

1. (c) Expiry Date

October 19, 2023

2. The Applicant

2. (a) Legal Name of the Applicant

Upper Thames River Conservation Authority

2. (b) Business Classification

Sole Proprietorship Partnership Corporation Other

If other, please describe.

created by Order in Council on September 18, 1947 under the Conservation Authorities Act (Ontario)

2. (c) Date of Formation or Incorporation

September 18, 1947

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: 1424 Clark Rd

City: London

Province/State: ON

Country: Canada

Postal/Zip Code: N5V 5B9

Website: <https://thamesriver.on.ca/>

Main Phone Number and Email Address

Phone Number: 5194512800

Extension: 238

Email Address: taskerc@thamesriver.on.ca

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

The Upper Thames River Conservation Authority is one of 36 Conservation Authorities in the Province of Ontario, Canada. Our area of jurisdiction is the upper watershed of the Thames River. The UTRCA's programs and services focus on five key areas: protect people and property and support safe development; deliver landowner stewardship; provide natural spaces and recreational opportunities; make science based decisions; empower communities and youth.

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: Mr.

Last Name: Tasker

First Name: Christopher

Initials: J

Title/Position: Manager, Water and Information Management

Company: Upper Thames River Conservation Authority

Phone Number: 5194512800

Extension: 238

Email Address: taskerc@thamesriver.on.ca

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
Upper Thames River Conservation Authority	applicant	EG-2003-0125

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

7. Officers, Directors and Key Individuals

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

3

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)
Tracy Annett	annettt@thamesriver.on.ca	General Manager/Secretary Treasurer
Christine Saracino	saracinoc@thamesriver.on.ca	Supervisor, Finance and Accounting
Chris Tasker	taskerc@thamesriver.on.ca	Manager, Water and Information Management

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).

London Hydro

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.

1

Facility #1

(a) Generation Type

Natural Gas Water Wind Solar Other

(b) Installed Capacity (in Megawatts)

0.60 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

Fanshawe Dam Hydro Plant

(e) Facility Address

1424 Clark Rd
London, ON
Canada
N5V 5B9

(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?

September 14, 1984

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.

No active approvals, as the plant has been in operation since 1984. The current Water Management Plan was approved on June 29th, 2018, when the Ministry of Natural Resources and Forestry (MNR) approved an amendment to the Fanshawe Dam Water Management Plan to align the plan with the approved 2016 Maintaining Water Management Plans Technical Bulletin. These amendments removed the expiry date.

(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.

funding not 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.).

Generated power is transmitted east and south to the south end of Fanshawe Dam where it is supplied to the Dam. It is transmitted south from there to where it is supplied to the Watershed Conservation Centre and other buildings within the Conservation Area. It is transmitted west to the property boundary at the end of Kilally Rd where it is connected to the London Hydro system. (approx 675m in total)

(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 distribution system provides generated power and London Hydro supplied power to other buildings within the property including the Dam and Watershed Conservation Centre (administrative offices) as well as a couple other small buildings on the property.

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.

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(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.

[fhyd-power-supply.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.

All components are within Fanshawe Conservation Area which is owned by the Upper Thames River Conservation Authority.

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.