



Electricity Generation Licence Application

Great Lakes Power Limited Partnership

1. Application Type

1. (a) Application Type

☐ New ☒ Renewal

1. (b) Licence Number

EG-2003-0175

1. (c) Expiry Date

October 09, 2023

2. The Applicant

2. (a) Legal Name of the Applicant

Great Lakes Power Limited Partnership

2. (b) Business Classification

☐ Sole Proprietorship ☒ Partnership ☐ Corporation ☐ Other

2. (c) Date of Formation or Incorporation

July 20, 2020

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: c/o Evolugen, 41 Victoria Street

City: Gatineau

Province/State: QC

Country: Canada

Postal/Zip Code: J8X 2A1

Main Phone Number and Email Address

Phone Number: 819-561-2722

Email Address: Legal.department.na@brookfieldrenewable.com

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

hydro-electric 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

Salutation: Mr.

Last Name: Wu

First Name: Julien

Title/Position: Director, Regulatory Affairs

Company: Evolugen

Phone Number: 819-561-2722

Extension: 6572

Email Address: Julien.Wu@evolugen.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

4. (b) Application Primary Contact

Salutation: Ms.

Last Name: Asselin

First Name: Nicole

Title/Position: Senior Law Clerk

Company: Evolugen

Phone Number: 613-561-2722

Extension: 6541

Email Address: nicole.asselin@evolugen.com

Application Primary Contact Address

Street Address: 41 Victoria Street

City: Gatineau

Province/State: Quebec

Country: Canada

Postal/Zip Code: J8X 2A1

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
2016 Comber Wind Limited Partnership	Affiliate	EG-2010-0297
Algonquin Power (Nagagami) Limited Partnership	Affiliate	EG-2006-0072
Beaver Power Corporation	Affiliate	EG-2022-0251
Brookfield Energy Marketing Inc.	Affiliate	EW-2020-0080

Licensee Name	Relation to the Applicant (e.g. applicant itself, affiliate, partner, etc.)	Licence Number
Brookfield Energy Marketing LP	Affiliate	EW-2020-0079
Brookfield Power Wind Prince LP	Affiliate	EG-2006-0130
Brookfield Renewable Trading and Marketing LP	Affiliate	EW-2019-0008
Canada Atlantis GL Power LP	Affiliate	EG-2020-0209
Carmichael Limited Partnership	Affiliate	EG-2006-0070
Evolugen Trading and Marketing LP	Affiliate	EW-2020-0078
Gosfield Wind Limited Partnership	Affiliate	EG-2009-0175
Great Lakes Power Limited Partnership	Applicant	EG-2003-0175
Lindsay Solar LP	Affiliate	EG-2014-0258
Marsh Hill III LP	Affiliate	EG-2015-0025
Mississagi Power Trust	Affiliate	EG-2022-0102
TerraForm IWG Ontario Holdings, LLC	Affiliate (See follow-up letter provided by Licence Primary Contact for further detail)	EG-2015-0243
TerraForm Ontario Solar LP	Affiliate	EG-2015-0174
Valerie Falls Power Limited Partnership	Affiliate	EG-2003-0177

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)
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See follow-up letter provided by Licence Primary Contact for further detail	See follow-up letter provided by Licence Primary Contact for further detail	See follow-up letter provided by Licence Primary Contact for further detail	See follow-up letter provided by Licence Primary Contact for further detail	See follow-up letter provided by Licence Primary Contact for further detail
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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
2016 Comber Wind Limited Partnership	Affiliate	Market Participant, Program Participant
Algonquin Power (Nagagami) Limited Partnership	Affiliate	Market Participant
Beaver Power Corporation	Affiliate	Market Participant
Brookfield Energy Marketing LP	Affiliate	Market Participant
Brookfield Power Wind Prince LP	Affiliate	Market Participant, Program Participant
Brookfield Renewable Trading and Marketing LP	Affiliate	Market Participant
Carmichael Limited Partnership	Affiliate	Market Participant
Evolugen Trading and Marketing LP	Affiliate	Market Participant
Gosfield Wind Limited Partnership	Affiliate	Market Participant, Program Participant
Great Lakes Power Limited Partnership	Applicant	Market Participant
Mississagi Power Trust	Affiliate	Market Participant
Raleigh Wind ULC	Affiliate	Market Participant
TerraForm IWG Ontario Holdings, LLC	Affiliate	Market Participant
Valerie Falls Power Limited Partnership	Affiliate	Market Participant

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)
Bernard Cardinal	Bernard.Cardinal@brookfieldrenewable.com	Director & Vice President
Simon Laroche	Simon.Laroche@evolugen.com	Director & Vice President
Sabrina Vieira	Sabrina.Vieira@evolugen.com	Director & Chief Financial Officer
Josee Guibord	Josee.Guibord@evolugen.com	President & Chief Executive 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).

Power purchase agreement with IESO

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.

Operating Reserves, Regulation (AGC), Reactive Support Voltage Control (RSVC), Black Start

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)

46.90 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

3

(d) Facility Name

Andrews Generating Station

(e) Facility Address

Located on the Montreal River, in the Township of Rix, District of Algoma
GPS Coordinates: -84.637765, 47.221757

(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)

52.20 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

3

(d) Facility Name

Francis H. Clergue Generating Station

(e) Facility Address

Located on the St. Mary's River, in the City of Sault Ste. Marie, District of Algoma
GPS Coordinates: -84.347289, 46.514914

(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)

45.00 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

Robert A. Dunford Generating Station

(e) Facility Address

On the Michipicoten River, in the Township of Michipicoten, District of Algoma
GPS Coordinates: -84.743555, 47.91621

(f) Licensee Responsibility/Qualification Sought

☒ Owner and operator ☐ Owner only ☐ Operator only

Facility #4

(a) Generation Type

☐ Natural Gas ☒ Water ☐ Wind ☐ Solar ☐ Other

(b) Installed Capacity (in Megawatts)

25.65 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

Gartshore Generating Station

(e) Facility Address

On the Montreal River, in the Township of Peever, District of Algoma
GPS Coordinates: -84.583268, 47.23956

(f) Licensee Responsibility/Qualification Sought

☒ Owner and operator ☐ Owner only ☐ Operator only

Facility #5

(a) Generation Type

☐ Natural Gas ☒ Water ☐ Wind ☐ Solar ☐ Other

(b) Installed Capacity (in Megawatts)

12.50 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

Harris (Magpie) Generating Station

(e) Facility Address

Located on the Magpie River, in the Township of Michipicoten, District of Algoma
GPS Coordinates: -84.829559, 47.9601

(f) Licensee Responsibility/Qualification Sought

☒ Owner and operator ☐ Owner only ☐ Operator only

Facility #6

(a) Generation Type

☐ Natural Gas ☒ Water ☐ Wind ☐ Solar ☐ Other

(b) Installed Capacity (in Megawatts)

18.50 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

Hogg Generating Station

(e) Facility Address

Located on the Montreal River, in the Township of Slater, District of Algoma
GPS Coordinates: -84.63, 47.21009

(f) Licensee Responsibility/Qualification Sought

☒ Owner and operator ☐ Owner only ☐ Operator only

Facility #7

(a) Generation Type

☐ Natural Gas ☒ Water ☐ Wind ☐ Solar ☐ Other

(b) Installed Capacity (in Megawatts)

23.20 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

Hollingsworth Generating Station

(e) Facility Address

Located on the Michipicoten River, in the Township of Maness, District of Algoma
GPS Coordinates: -84.673876, 47.968759

(f) Licensee Responsibility/Qualification Sought

☒ Owner and operator ☐ Owner only ☐ Operator only

Facility #8

(a) Generation Type

☐ Natural Gas ☒ Water ☐ Wind ☐ Solar ☐ Other

(b) Installed Capacity (in Megawatts)

62.00 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

3

(d) Facility Name

MacKay Generating Station

(e) Facility Address

Located on the Montreal River, in the Township of Home, District of Algoma

GPS Coordinates: -84.45, 47.2833

(f) Licensee Responsibility/Qualification Sought

☒ Owner and operator ☐ Owner only ☐ Operator only

Facility #9

(a) Generation Type

☐ Natural Gas ☒ Water ☐ Wind ☐ Solar ☐ Other

(b) Installed Capacity (in Megawatts)

12.80 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

McPhail Generating Station

(e) Facility Address

Located on the Michipicoten River, in the Township of Michipicoten, District of Algoma

GPS Coordinates: -84.718216, 47.90478

(f) Licensee Responsibility/Qualification Sought

☒ Owner and operator ☐ Owner only ☐ Operator only

Facility #10

(a) Generation Type

☐ Natural Gas ☒ Water ☐ Wind ☐ Solar ☐ Other

(b) Installed Capacity (in Megawatts)

15.00 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

Mission Generating Station

(e) Facility Address

Located on the Magpie River, in the Township of Michipicoten, District of Algoma
GPS Coordinates: -84.821015, 47.930432

(f) Licensee Responsibility/Qualification Sought

☒ Owner and operator ☐ Owner only ☐ Operator only

Facility #11

(a) Generation Type

☐ Natural Gas ☒ Water ☐ Wind ☐ Solar ☐ Other

(b) Installed Capacity (in Megawatts)

22.50 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

2

(d) Facility Name

Scott Falls Generating Station

(e) Facility Address

Located on the Michipicoten River, in the Township of Michipicoten, District of Algoma
GPS Coordinates: -84.768553, 47.912877

(f) Licensee Responsibility/Qualification Sought

☒ Owner and operator ☐ Owner only ☐ Operator only

Facility #12

(a) Generation Type

☐ Natural Gas ☒ Water ☐ Wind ☐ Solar ☐ Other

(b) Installed Capacity (in Megawatts)

15.50 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

Steephill Falls Generating Station

(e) Facility Address

Located on the Magpie River, in the Township of Chabanel, District of Algoma
GPS Coordinates: -84.761453, 47.992016

(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?

January 1, 1936

Provide additional details, if needed.

See follow-up letter provided by Licence Primary Contact for further detail

Is the applicant the original owner and operator?

☐ Yes ☒ No

If no, please identify previous owner and operator.

Great Lakes Power Corporation

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

No new regulatory approvals required since generation facilities are in commercial service.

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

☐ Yes ☒ No

(d) Has the applicant secured financing?

☒ Yes ☐ No

If yes, please provide particulars.

From time to time, the Applicant and co-owners will secure project financing to fund operations and other corporate purposes.

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?

January 1, 1982

Provide additional details, if needed.

See follow-up letter provided by Licence Primary Contact for further detail

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 new regulatory approvals required since generation facilities are in commercial service.

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

☐ Yes ☒ No

(d) Has the applicant secured financing?

☒ Yes ☐ No

If yes, please provide particulars.

See response to Facility #1 in Section 10(d).

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?

January 1, 2003

Provide additional details, if needed.

See follow-up letter provided by Licence Primary Contact for further detail

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 new regulatory approvals required since generation facilities are in commercial service.

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

☐ Yes ☒ No

(d) Has the applicant secured financing?

☒ Yes ☐ No

If yes, please provide particulars.

See response to Facility #1 in Section 10(d).

Facility #4

(a) Facility Status

☒ Existing facility in commercial service ☐ New facility ☐ Existing facility not in commercial service

When did this facility achieve commercial operation?

January 1, 1958

Provide additional details, if needed.

See follow-up letter provided by Licence Primary Contact for further detail

Is the applicant the original owner and operator?

☐ Yes ☒ No

If no, please identify previous owner and operator.

Great Lakes Power Corporation

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

No new regulatory approvals required since generation facilities are in commercial service.

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

☐ Yes ☒ No

(d) Has the applicant secured financing?

☒ Yes ☐ No

If yes, please provide particulars.

See response to Facility #1 in Section 10(d).

Facility #5

(a) Facility Status

☒ Existing facility in commercial service ☐ New facility ☐ Existing facility not in commercial service

When did this facility achieve commercial operation?

January 1, 1990

Provide additional details, if needed.

See follow-up letter provided by Licence Primary Contact for further detail

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 new regulatory approvals required since generation facilities are in commercial service.

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

☐ Yes ☒ No

(d) Has the applicant secured financing?

☒ Yes ☐ No

If yes, please provide particulars.

See response to Facility #1 in Section 10(d).

Facility #6

(a) Facility Status

☒ Existing facility in commercial service ☐ New facility ☐ Existing facility not in commercial service

When did this facility achieve commercial operation?

January 1, 1965

Provide additional details, if needed.

See follow-up letter provided by Licence Primary Contact for further detail

Is the applicant the original owner and operator?

☐ Yes ☒ No

If no, please identify previous owner and operator.

Great Lakes Power Corporation

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

No new regulatory approvals required since generation facilities are in commercial service.

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

☐ Yes ☒ No

(d) Has the applicant secured financing?

☒ Yes ☐ No

If yes, please provide particulars.

See response to Facility #1 in Section 10(d).

Facility #7

(a) Facility Status

☒ Existing facility in commercial service ☐ New facility ☐ Existing facility not in commercial service

When did this facility achieve commercial operation?

January 1, 1959

Provide additional details, if needed.

See follow-up letter provided by Licence Primary Contact for further detail

Is the applicant the original owner and operator?

☐ Yes ☒ No

If no, please identify previous owner and operator.

Great Lakes Power Corporation

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

No new regulatory approvals required since generation facilities are in commercial service.

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

☐ Yes ☒ No

(d) Has the applicant secured financing?

☒ Yes ☐ No

If yes, please provide particulars.

See response to Facility #1 in Section 10(d).

Facility #8

(a) Facility Status

☒ Existing facility in commercial service ☐ New facility ☐ Existing facility not in commercial service

When did this facility achieve commercial operation?

January 1, 1937

Provide additional details, if needed.

See follow-up letter provided by Licence Primary Contact for further detail

Is the applicant the original owner and operator?

☐ Yes ☒ No

If no, please identify previous owner and operator.

Great Lakes Power Corporation

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

No new regulatory approvals required since generation facilities are in commercial service.

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

☐ Yes ☒ No

(d) Has the applicant secured financing?

☒ Yes ☐ No

If yes, please provide particulars.

See response to Facility #1 in Section 10(d).

Facility #9

(a) Facility Status

☒ Existing facility in commercial service ☐ New facility ☐ Existing facility not in commercial service

When did this facility achieve commercial operation?

January 1, 1954

Provide additional details, if needed.

See follow-up letter provided by Licence Primary Contact for further detail

Is the applicant the original owner and operator?

☐ Yes ☒ No

If no, please identify previous owner and operator.

Great Lakes Power Corporation

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

No new regulatory approvals required since generation facilities are in commercial service.

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

☐ Yes ☒ No

(d) Has the applicant secured financing?

☒ Yes ☐ No

If yes, please provide particulars.

See response to Facility #1 in Section 10(d).

Facility #10

(a) Facility Status

☒ Existing facility in commercial service ☐ New facility ☐ Existing facility not in commercial service

When did this facility achieve commercial operation?

January 1, 1990

Provide additional details, if needed.

See follow-up letter provided by Licence Primary Contact for further detail

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 new regulatory approvals required since generation facilities are in commercial service.

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

☐ Yes ☒ No

(d) Has the applicant secured financing?

☒ Yes ☐ No

If yes, please provide particulars.

See response to Facility #1 in Section 10(d).

Facility #11

(a) Facility Status

☒ Existing facility in commercial service ☐ New facility ☐ Existing facility not in commercial service

When did this facility achieve commercial operation?

January 1, 1953

Provide additional details, if needed.

See follow-up letter provided by Licence Primary Contact for further detail

Is the applicant the original owner and operator?

☐ Yes ☒ No

If no, please identify previous owner and operator.

Great Lakes Power Corporation

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

No new regulatory approvals required since generation facilities are in commercial service.

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

☐ Yes ☒ No

(d) Has the applicant secured financing?

☒ Yes ☐ No

If yes, please provide particulars.

See response to Facility #1 in Section 10(d).

Facility #12

(a) Facility Status

☒ Existing facility in commercial service ☐ New facility ☐ Existing facility not in commercial service

When did this facility achieve commercial operation?

January 1, 1990

Provide additional details, if needed.

See follow-up letter provided by Licence Primary Contact for further detail

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 new regulatory approvals required since generation facilities are in commercial service.

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

☐ Yes ☒ No

(d) Has the applicant secured financing?

☒ Yes ☐ No

If yes, please provide particulars.

See response to Facility #1 in Section 10(d).

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 "transmission system" as a system for transmitting electricity, and includes any structures, equipment or other things used for that purpose. "Transmit", with respect to electricity, means to convey electricity at voltages of more than 50 kV.

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

Generators (1-2-3) at 12kV to generator breaker to step-up transformer (12kV to 115kV) to line breaker, 735 to Andrews 115 KV line terminations on disconnect switch 730. (<0.1 km)

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

☐ Yes ☒ No

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

Hydro One

(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.

[glpl-facilities-connection-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.

Generating station dashed line up to DS 730

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.).

Generator at 4.16kV to generator disconnect to step-up Transformer (4.16kV to 12kV) to unit breaker (146-147-148 or 149). (<0.10 km). Station Services fed from 12 KV bus on breakers 156-157.

(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 One

(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 One

(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.

[glpl-facilities-connection-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.

Dashed Line identify with Brookfield

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.).

Generator at 12kV to generator breaker to step-up transformer (12kV to 34.5kV) to R.A. Dunford #1 & #2 34.5kV lines (0.625km) terminations on disconnect switch 1358 and 1357 at D.A.

(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 One

(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 One

(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.

[glpl-facilities-connection-diagram0.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.

Generating station dashed Line

Facility #4

(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 "transmission system" as a system for transmitting electricity, and includes any structures, equipment or other things used for that purpose. "Transmit", with respect to electricity, means to convey electricity at voltages of more than 50 kV.

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

Generator at 12kV to generator breaker to step-up transformer (12kV to 115kV) Gartshore #3 115kV line terminations on disconnect switch 754. (<0.1 km)

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

☐ Yes ☒ No

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

Hydro One

(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.

[glpl-facilities-connection-diagram1.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.

Generating station dashed line up to DS 754

Facility #5

(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 "transmission system" as a system for transmitting electricity, and includes any structures, equipment or other things used for that purpose. "Transmit", with respect to electricity, means to convey electricity at voltages of more than 50 kV.

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

Generator at 6.6kV to unit breaker to step-up transformer (6.6kV to 115kV) to Harris 115kV line terminations on disconnect switch 1231. (<0.1 km)

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

☐ Yes ☒ No

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

Hydro One

(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.

[glpl-facilities-connection-diagram2.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.

Generating station dashed line up to DS 1231

Facility #6

(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 "transmission system" as a system for transmitting electricity, and includes any structures, equipment or other things used for that purpose. "Transmit", with respect to electricity, means to convey electricity at voltages of more than 50 kV.

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

Generator at 12kV to generator breaker to step-up transformer (12kV to 115kV) Hogg 115kV line terminations on disconnect switch 746. (<0.1 km)

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

☐ Yes ☒ No

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

Hydro One

(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.

[glpl-facilities-connection-diagram3.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.

Generating station dashed line up to DS 746

Facility #7

(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.).

Generator at 12kV to unit breaker to 12kV transmission bus terminations on mid-span-opener 1002. (<0.25 km).

(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 One

(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 One

(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.

[glpl-facilities-connection-diagram4.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.

G1 and CB 991

Facility #8

(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 "transmission system" as a system for transmitting electricity, and includes any structures, equipment or other things used for that purpose. "Transmit", with respect to electricity, means to convey electricity at voltages of more than 50 kV.

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

Generators (1-2-3) at 12kV to generator breaker to step-up transformer (12kV to 115kV) to MacKay 1-2 115kV line terminations on disconnect switch 773, 783 and 793. (<0.1 km)

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

☐ Yes ☒ No

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

Hydro One

(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.

[glpl-facilities-connection-diagram5.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.

Generating station dashed line up to DS 793 and 773

Facility #9

(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.).

Generator at 12kV to generator breaker to step-up transformer (12kV to 34.5kV) to McPhail #1 & #2 34.5kV lines (3.8km) terminations on disconnect switch 1354 and 1355 at D.A. Watson TS.

(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 One

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

- ☐ Yes ☒ No

(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.

[glpl-facilities-connection-diagram6.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.

Generating station dashed Line

Facility #10

(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 "transmission system" as a system for transmitting electricity, and includes any structures, equipment or other things used for that purpose. "Transmit", with respect to electricity, means to convey electricity at voltages of more than 50 kV.

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

Generator at 6.6kV to unit breaker to step-up transformer (6.6kV to 115kV) to Mission 115kV line terminations on disconnect switch 1235. (<0.1 km)

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

☐ Yes ☒ No

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

Hydro One

(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.

[glpl-facilities-connection-diagram7.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.

Generating station dashed line up to DS 1235

Facility #11

(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.).

Generator at 12kV to generator breaker to step-up transformer (12kV to 34.5kV) to Scott #1 & #2 34.5kV lines (1.95km) terminations on disconnect switch 1350 and 1351 at D.A. Watson TS.

(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 One

(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 One

(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.

[glpl-facilities-connection-diagram8.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.

Generating station dashed Line

Facility #12

(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 "transmission system" as a system for transmitting electricity, and includes any structures, equipment or other things used for that purpose. "Transmit", with respect to electricity, means to convey electricity at voltages of more than 50 kV.

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

Generator at 6.6kV to unit breaker to step-up transformer (6.6kV to 115kV) to Steephill 115kV line terminations on disconnect switch 1237. (<0.1 km)

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

- ☐ Yes ☒ No

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

Hydro One

(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.

[glpl-facilities-connection-diagram9.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.

Generating station dashed line up to DS 1237

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

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