

July 31, 2023

BY RESS

Ms. Nancy Marconi
Registrar
Ontario Energy Board
2300 Yonge Street
Suite 2700
Toronto, ON
M4P 1E4

Dear Ms. Marconi:

**Re: Application for Renewal of Ontario Power Generation Inc.'s ("OPG")
Electricity Generation Licence EG-2003-0104**

Attached please find OPG's application for renewal of its Electricity Generation Licence EG-2003-0104 (the "Application"). OPG's current licence is valid until October 30, 2023.

Pursuant to the OEB's *Practice Direction on Confidential Filings* (the "Practice Direction"), sections 12-16 of the Application shall be treated by the OEB as confidential.¹ In addition to those sections, OPG hereby requests the confidential treatment of subsections 11(b) and (c) of the Application. The specific information for which OPG seeks confidential treatment and a summary of the rationale for the requests are provided below:

Section	Presumptively Confidential	Rationale	Page Reference
11 (Facility Connection), subsections (b) & (c)	No	The information to be redacted is technical in nature and, if publicly disclosed, could pose a potential security and cybersecurity risk consistent with Appendix A, item (c) of the Practice Direction.	Attachment 4-F1 through Attachment 4-F61 inclusive

Subsections 11(b) and (c) of the Application (Attachments 4-F1 to 4-F61) contain single line diagrams and related asset information for each of OPG's generation facilities that are authorized under the licence for which renewal is requested. This information is technical in nature and is consistently treated in a confidential manner by OPG. Disclosing this information on the public record could pose security and cybersecurity related risks to OPG's operations.

¹Ontario Energy Board Practice Direction on Confidential Filings, revised December 17, 2021, p. 2
<<https://www.oeb.ca/sites/default/files/uploads/documents/regulatorycodes/2021-12/Practice-Direction-Confidential-Filings-20211217.pdf>>

In accordance with the Practice Direction, the following sections of the Application shall be treated by the OEB as confidential without the need for approval. OPG provides the following table for clarity and completeness in terms of which sections of this Application it considers to be confidential:

Section	Description	Rationale	Page Reference
12	Corporate Organization	OEB predefined confidential category of information.	Application page 11; and Attachment 5
13	Finance	OEB predefined confidential category of information.	Application page 11-12; and Attachments 6 and 7
14	Technical Resources	OEB predefined confidential category of information.	Application Page 12
15	Legal Proceedings	OEB predefined confidential category of information.	Application Page 13; and Attachment 8
16	Key Individuals	OEB predefined confidential category of information.	Application Page 14-19; and Attachment 9

A confidential, un-redacted version of the Application containing all information for which confidentiality is being requested has been provided. This version of the document has been marked "confidential" and identifies all portions of the document for which confidentiality is claimed by using a distinguishable red watermark.

If you have any questions regarding this submission, please contact me at 416-592-2976.

Respectfully submitted,

Saba Zadeh

CC:

Geoffrey Mens (OPG) via e-mail

Jonathan Myers (Torys LLP) via e-mail



Electricity Generation Licence Application

1. Application Type

1. (a) Application Type

New (If New, proceed to Section 2)

Renewal

1. (b) Licence Number

1. (c) Expiry Date

1. (d) If the licence has already expired, please advise why the applicant failed to renew the licence before expiry.

1. (e) Has the applicant generated electricity or provided ancillary services for sale after the licence expiry?

Yes No

If yes, provide details.

NOTE: Section 57(c) of the [Ontario Energy Board Act, 1998](#), provides that no person is permitted to generate electricity or provide ancillary services for sale through the IESO-administered markets or directly to another person without a licence. For operating without a licence, the person may be subject to an OEB compliance review or enforcement proceeding.

2. The Applicant

2. (a) Legal name of the Applicant

2. (b) Business Classification

Sole Proprietorship

Partnership

Corporation

Other

If other, please describe.

2. (c) Date of Formation or Incorporation

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

2. (e) Country of Formation or Incorporation

2. (f) If the applicant is an individual, is he or she 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 City Province/State

Country Postal / Zip Code Website

Main Phone Number and Email Address

Phone Number Extension

Toll Free (If Applicable) Email Address

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

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 Last Name First Name Initials

Title/Position Company Phone Number Ext

Toll Free (if available) Email Address

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

Yes, proceed to Section 4.

No, please enter the Licence Primary Contact address below.

Licence Primary Contact Address

Street Address City Province / State

Country Postal / Zip Code Website

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, proceed to Section 5

No, please fill out 4(b) below.

4. (b) Application Primary Contact

Salutation	Last Name	First Name	Initials
Title/Position	Company	Phone Number	Ext
Toll Free (if available)	Email Address		

Application Primary Contact Address

Street Address	City	Province / State
Country	Postal / Zip Code	Website

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, please provide a list of trade names the applicant intends to use in the space below.

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?

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

Yes, please provide current and expired licenses in the next table. If more than 5, please provide an attachment.

No, proceed to 6(b).

Licensee Name	Relation to the Applicant (e.g., applicant itself, affiliate, partner, etc.)	License Number

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, please provide other applications in the table below. If there are more than 5, please provide an attachment.

No, proceed to section 6(c).

Applicant Name	Relation to the Applicant	Type of Application	OEB File Number

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, please provide information about activities in other jurisdictions in the table below. If there are more than 5, please provide an attachment.

No, please proceed to section 6(d).

Company Name	Relation to the Applicant	Jurisdiction	Business Activity	Name of Licensing Body and License/Registration No. (if applicable)

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, please provide information on the IESO market participant(s) in the table below. If there are more than 5, please provide an attachment.

No

Registered IESO Organization Name	Relation to the Applicant (e.g., applicant itself, affiliate, partner, etc.)	Participant/Program/Service

7. Officers, Directors and Key Individuals

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

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.

Note: Please list a minimum of 3 key individuals. Please note that Section 16 of this application requires additional information on each key individual listed in the table below.
If you have more than 5 key individuals, please provide an attachment.

Name of Key Individual	Email	Title/Position within Applicant's Business (or identify company if not the Applicant's Business)

7. (c) If unable to provide a minimum of 3 key individuals, please explain.

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).

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.

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

Yes

No

If yes, please provide particulars.

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

Generation Facility

Does the applicant intend to generate electricity for sale from more than one facility?

Yes, Please make a copy of sections 9, 10 and 11 and provide the required information for each additional facility.

No

9. Facility Description *(Please refer to Attachment 4)*

9. (a) Generation Type

Natural gas

Water

Wind

Solar

Other

If Other, please specify

9. (b) Installed Capacity (in Megawatts)

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.

9. (c) Number of Units

9. (d) Facility Name

9. (e) Facility Address

9. (f) Licensee Responsibility / Qualification Sought

Owner and operator (Please proceed to section 10)

Owner Only. Please provide the name of the facility operator.

Is the facility operator licensed by the OEB?

Yes, please provide the OEB license number.

No, please indicate when a license application will be filed with the OEB.

Operator Only. Please provide the name of the facility owner.

Is the facility owner licensed by the OEB?

Yes, please provide the OEB license number.

No, please indicate when a license application will be filed with the OEB.

10. Facility Status

(Please refer to Attachment 4)

10. (a) Facility Status

Existing facility in commercial service

New facility

Existing facility not in commercial service

If existing facility:

When did this facility achieve commercial operation?

Is the applicant the original owner and operator?	Yes	No
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If new facility:

Has construction of this facility started?	Yes	No
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If no, when is construction expected to commence?

What is the expected commercial in-service date?

If existing facility not in commercial service:

When is the expected commercial in-service date?

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

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

Yes No

If yes, please provide the projected capital cost.

10. (d) Has the applicant secured financing?

Yes No

If yes, please provide particulars.

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

11. Facility Connection *(Please refer to Attachment 4)*

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

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.).

(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, please describe the purpose of the distribution system.

If answered no to (ii), please identify the owner and/or operator of the distribution system.

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

Yes, please identify the electricity distributor.

No

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.).

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

Yes No

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

Yes No, please describe the purpose of the transmission system.

If answered no to (ii), please identify the owner and/or operator of the transmission system.

11. (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.

11. (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.

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.

18. Certification and Acknowledgement

- (a) I certify that the information contained in this application and in the documents provided are true and accurate.
- (b) I understand and acknowledge that, as a licensee, I must provide information as the OEB may require from time to time.
- (c) I understand and acknowledge that the issuance of an electricity generation licence does not guarantee accreditation by the IESO or distributors.

Print Name of Key Individual	Signature of Key Individual	Date
Carlton Mathias		July 27, 2023

If the applicant is a sole proprietor, he/she must sign.

If the applicant is a corporation, a person with authority to bind the corporation must sign.

If the applicant is a partnership, a partner with authority to sign on behalf of the partnership must sign.

Attachment 1

Section 6(a) –Licenced Affiliates and Associated Entities

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?

Licensee Name	Relation to the Applicant (e.g. applicant itself, affiliate, partner, etc.)	Licence Number
Ontario Power Generation Inc.	Applicant itself	EG-2003-0104
Ontario Power Generation Inc.	Applicant itself	ER-2005-0307 (expired)
Ontario Power Generation Inc.	Applicant itself	EW-2000-0262 (expired; licence is now embedded within OPG's Generation Licence)
UMH Energy Partnership	Partner	EG-2009-0291
Lower Mattagami Energy Limited Partnership	Partner	EG-2010-0254
Lower Mattagami Limited Partnership	Partner	EG-2012-0354
PSS Generating Station Limited Partnership	Partner	EG-2016-0052
Nanticoke Solar LP	Partner	EG-2018-0128
Brighton Beach Power L.P.	Affiliate	EG-2023-0131
Portlands Energy Centre Inc. on behalf of Portlands Energy Centre L.P.	Affiliate	EG-2004-0540
Algoma Hydro Asset LP	Associated entity	EG-2020-0208

Attachment 2

Section 6(c) –Energy Sector Activity in North America

Applicant's Licensing Status and History

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?

Company Name	Relation to the Applicant	Jurisdiction	Business Activity	Name of Licensing Body and Licence/Registration No. (If applicable)
Ontario Power Generation Inc.	Applicant itself	Canada	Permit authorizes OPG to export firm power and energy as a border accommodation between Canada and the US	Canadian Energy Regulator EPE-473
		Canada	Permit authorizes OPG to export emergency power and energy on the international boundary between Canada and the US	Canadian Energy Regulator EPE-110
		Canada	Permit authorizes OPG to export firm and interruptible energy	Canadian Energy Regulator EPE-410
Ontario Power Generation Inc.	Applicant itself	United States	Energy export authorization to transmit energy from the United States to Canada	U.S. Department of Energy EA-290-C
Ontario Power Generation Energy Trading Inc.	Affiliate	United States	Market Based Rate Authorization	Federal Energy Regulatory Commission ER02-1021

Company Name	Relation to the Applicant	Jurisdiction	Business Activity	Name of Licensing Body and Licence/Registration No. (If applicable)
Eagle Creek Renewable Energy	Affiliate	United States	Eagle Creek Renewable Energy, a subsidiary of OPG, through its affiliate companies, wholly or jointly owns and operates 85 electricity generating facilities and holds minority interests in additional generating facilities in the United States.	Various – each facility is licensed in the market(s) it which it operates.

Attachment 3

Section 6(d) – IESO Market Participants

Applicant's Licensing Status and History

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?

Registered IESO Organization Name	Relation to the Applicant	Participant/Program/Service
Ontario Power Generation Inc.	Applicant itself	Generator, Energy Trader, Financial Market, Capacity Auction, Capacity Market Participant
Ontario Power Generation Energy Trading, Inc.	Affiliate	Financial Market
UMH Energy Partnership	Partner	Generator
Lower Mattagami Energy Limited Partnership	Partner	Generator
Lower Mattagami Limited Partnership	Partner	Generator
PSS Generating Station Limited Partnership	Partner	Generator
Nanticoke Solar LP	Partner	Generator
Brighton Beach Power L.P.	Affiliate	Generator
Portlands Energy Centre L.P. DBA Atura Power	Affiliate	Generator

Attachment 4

Section 9 – Facility Description (*excel spreadsheet*)

Section 10 – Facility Status (*excel spreadsheet*)

Section 11 – Facility Connection (*excel spreadsheet*)

Attachments 1-F1 to 1-F61 (CONFIDENTIAL)