



Electricity Storage Licence Application

Napanee BESS Inc.

1. Application Type

1. (a) Application Type

☒ New ☐ Renewal

2. The Applicant

2. (a) Legal Name of the Applicant

Napanee BESS Inc.

2. (b) Business Classification

☐ Sole Proprietorship ☐ Partnership ☒ Corporation ☐ Other

2. (c) Date of Formation or Incorporation

February 02, 2023

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: 200-1415 Joshuas Creek Drive

City: Oakville

Province/State: Ontario

Country: Canada

Postal/Zip Code: L6H7G4

Website: <https://aturapower.com/energy-storage/>

Main Phone Number and Email Address

Phone Number: 6135525059

Email Address: shira.crawley@aturapower.com

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

Napanee BESS Inc.'s intended business activity is to own and operate a new 265megawatt (nameplate) lithium-ion battery energy storage system, with a nominal capacity of 250megawatt with a duration capability of four hours (the "Napanee BESS Project"). The Napanee BESS Project will include battery equipment and associated infrastructure. The Napanee BESS Project will be located on land adjacent to Atura Power's Napanee Generating Station in Greater Napanee, Ontario. The Napanee BESS Project is owned through a joint venture with Atura Power and Ameresco.

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: Mrs.

Last Name: Crawley

First Name: Shira

Initials: L

Title/Position: Legal Counsel

Company: Atura Power

Phone Number: 6135525059

Email Address: shira.crawley@aturapower.com

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

☒ Yes ☐ No

4. Application Primary Contact

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

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

☒ Yes ☐ No

5. Trade Names

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

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

☒ Yes ☐ No

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

Napanee BESS Inc. does not currently have any registered trade names. However, Napanee BESS Inc. intends to register the trade name "Atura Power", in the near future, for use in the Napanee BESS Project.

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
Portlands Energy Centre Inc. on behalf of Portlands Energy Centre L.P.	Parent	EG-2004-0540
Brighton Beach Power L.P.	Parent	EG-2023-0131
Ontario Power Generation Inc.	Parent	EG-2023-0231

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
PORTLANDS ENERGY CENTRE L.P. DBA ATURA POWER	Parent	Generator
BRIGHTON BEACH POWER L.P.	Parent	Generator
ONTARIO POWER GENERATION INC.	Parent	Generator, Energy Trader, Financial Market, Capacity Auction, Capacity Market Participant

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.

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)
Shelley Babin	Shelley.Babin@aturapower.com	President and Chief Executive Officer
Oluwafemi (Femi) Obadeyiathias	femi.obadeyi@aturapower.com	Treasurer
David Haughton	David.Haughton@aturapower.com	Secretary

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).

Napanee BESS Inc was awarded an Expedited Long-Term Reliability Services (E-LT 1) Contract by the IESO in June 2023.

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.

Napanee BESS Inc. intends to provide operating reserve services.

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) Storage Type

☒ Battery ☐ Flywheel ☐ Compressed Air ☐ Other

(b) Installed Capacity (in Megawatts)

265.00 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 storage licence.

(c) Number of Units

6

(d) Facility Name

Napanee Energy Storage

(e) Facility Address

7143 Loyalist Pkwy, Napanee, ON, K0H 1G0 (current address, subject to change as a result of a severance application).

(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

Has construction of this facility started?

☒ Yes ☐ No

What is the expected commercial in-service date?

May 31, 2026

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

1. ECA (Industrial Sewage) - application to be submitted March 1, 2024
2. EASR (Noise) – modelling in progress – EASR registration expected March 30, 2024
3. EASR(Endangered Species Act) – payment to be made in May, 2024
4. MTO approvals – application to be submitted March 15, 2024
5. MCM Clearance – report submitted, waiting for clearance letter
6. Town of Greater Napanee Site Plan Application and attachments – to be submitted March 8, 2024

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

☒ Yes ☐ No

If yes, please provide the projected capital cost.

\$685,000,000.00

(d) Has the applicant secured financing?

☐ Yes ☒ No

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

Napanee BESS Inc is being funded with equity only.

11. Facility Connection

Facility #1

(a) What is the voltage at the perimeter of the applicant's property from the output of the storage 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 storage facility or applicant's distribution system to the connection point with the transmission network (e.g. length of line, transformers, etc.).

The future transmission system will allow the storage facility to connect to the Hydro One 500 kV transmission system via an existing connection point at the Portlands Energy Centre L.P. owned switchyard originally built for the Napanee Generating Station (owned and operated by Potrlands Energy Centre L.P.). The new transmission infrastructure can be generally described as the following equipment starting from the tie-in point at the existing Napanee Generating Station switchyard to the storage facility switchyard:

- 2 motorized disconnect switches
- Revenue metering equipment
- 550kV breaker
- length: overhead 500 kV connection line
- 525 kV to 34.5 kV main transformer

(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.

Certain components are owned by Hydro One and Portlands Energy Centre L.P. (Napanee Generating Stations Switchyard).

(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.

[napanee-bess-inc-es-licence-application-11b-diagram-compressed-compressedpdf.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.

In the attachment (Napanee BESS Inc. (ES) Licence Application 11(b) Diagram-compressed-compressed.pdf.pdf), the storage facility will be connected to the switchyard via an overhead transmission line passing through the easements, on four poles, identified in the attachment. The switchyard is located on Portlands Energy Centre L.P. owned lands. The following dotted lines represent the following:

- Light blue: PEC-owned land, applicant easement over
- Green: OPG-owned land, applicant easement over
- Turquoise: OPG-owned land, applicant easement over
- Orange: Applicant owned land

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.