



Electricity Storage Licence Application

York (Battery) L.P.

1. Application Type

1. (a) Application Type

☒ New ☐ Renewal

2. The Applicant

2. (a) Legal Name of the Applicant

York (Battery) L.P.

2. (b) Business Classification

☐ Sole Proprietorship ☒ Partnership ☐ Corporation ☐ Other

2. (c) Date of Formation or Incorporation

February 09, 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: 1200 – 10423 101 St. N.W.

City: Edmonton

Province/State: Alberta

Country: Canada

Postal/Zip Code: T5H 0E9

Website: www.capitalpower.com

Main Phone Number and Email Address

Phone Number: 780-392-5100

Email Address: CorporateCompliance@capitalpower.com

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

Wholesale electricity storage, including provision of ancillary services

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: Lucas

First Name: Randy

Title/Position: Director, Regulatory Compliance

Company: Capital Power

Phone Number: 780-392-5379

Email Address: rlucas@capitalpower.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.

York BESS

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.

Licensor Name	Relation to the Applicant (e.g. applicant itself, affiliate, partner, etc.)	Licence Number
Capital Power (PDN) L.P.	Affiliate	EG-2013-0251
CP Energy Marketing L.P.	Affiliate	EW-2019-0220
CP Renewable Energy (Kingsbridge) Limited Partnership	Affiliate	EG-2006-0273
East Windsor Cogeneration LP	Affiliate	EG-2007-0603
Goreway Station Partnership	Affiliate	EG-2006-0272
York Energy Centre LP	Affiliate	EG-2009-0242

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

If yes, please provide other applications.

Applicant Name	Relation to the Applicant	Type of Application	OEB File Number
Goreway (Battery) L.P.	Affiliate	New Electricity Storage Licence	ESLA00005
East Windsor (Expansion) L.P.	Affiliate	New Electricity Generation Licence	EGLA00065

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)
Capital Power Corporation	Parent	AESO	Wholesale power generation	Alberta Utilities Commission
Capital Power Corporation	Parent	MISO	Wholesale power generation	Federal Energy Regulatory Commission
Capital Power Corporation	Parent	SPP	Wholesale power generation	Federal Energy Regulatory Commission

Company Name	Relation to the Applicant	Jurisdiction	Business Activity	Name of Licensing Body and Licence/Registration No. (if applicable)
Capital Power Corporation	Parent	Arizona	Wholesale power generation	Federal Energy Regulatory Commission
Capital Power Corporation	Parent	Alabama	Wholesale power generation	Federal Energy Regulatory Commission
Capital Power Corporation	Parent	British Columbia	Wholesale power generation	British Columbia Utilities Commission

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
Capital Power (PDN) L.P.	Affiliate	Generation
CP Energy Marketing L.P.	Affiliate	Trading
CP Renewable Energy (Kingsbridge) Limited Partnership	Affiliate	Generation
East Windsor Cogeneration LP	Affiliate	Generation
Goreway Station Partnership	Affiliate	Generation
York Energy Centre LP	Affiliate	Generation

7. Officers, Directors and Key Individuals

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

18

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)
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Avik Dey	adey@capitalpower.com	President and Chief Executive Officer
Sandra Haskins	shaskins@capitalpower.com	Senior Vice President, Finance & Chief Financial Officer
Bryan DeNeve	bdeneve@capitalpower.com	Senior Vice President, Head of Canada
Jason Comandante	JCOMANDANTE@capitalpower.com	Senior Vice President, Chief Commercial 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).

ELT1-S-005

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.

Potentially any of 10-minute spinning, 10-minute non-spinning and 30-minute non-spinning

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)

120.00 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

1

(d) Facility Name

York BESS

(e) Facility Address

18781 Dufferin St., Newmarket, ON, L3Y 4V9

(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

If no, when is construction expected to commence?

July 2024

What is the expected commercial in-service date?

August 2025

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

Treatment under the 2011 Guide: Battery Energy Storage System (BESS) facilities are not subject to Environmental Assessment Act (EA Act) requirements; however, the new transformer station for the BESS is ? 115 kV and is therefore classified as a Category B project according to the Guide. Since the BESS transformer station is not associated with the York Energy Centre (YEC) (i.e., the Facility is a standalone facility that draws/discharges electricity directly from the grid instead of the YEC), the project is subject to the Class EA for Minor Transmission Facilities (MTF).

Environmental Approvals and Permits Required and Status:

Pre-consultation with the Ministry of the Environment, Conservation and Parks (MECP) was initiated in December 2022, with follow-up communications ongoing to verify site specific permitting requirements.

Major technical studies were completed in 2022 (including ecology and noise studies) to support future permitting and approval applications. Key environmental permit and approval processes and their status includes:

- (i) Class EA for MTF Completion – In Progress (notification preparation activities ongoing)
- (ii) Environmental Activity and Sector Registry (EASR - Noise) – In Progress (supporting technical studies completed)

- (iii) Environmental Compliance Approval Amendment (ECA) (Industrial Sewage Works) – In Progress (supporting technical studies ongoing)
- (iv) Township of King Site Plan Approval – In Progress (pre-consultation process with municipal staff completed and follow-up discussions ongoing)

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

☒ Yes ☐ No

If yes, please provide the projected capital cost.

\$352 million

(d) Has the applicant secured financing?

☒ Yes ☐ No

If yes, please provide particulars.

Financing is entirely based on its parent's balance sheet

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.).

Major equipment includes: battery containers with associated inverters, medium voltage transformers, protection equipment, distribution equipment, and interface transformer. Expected MVA rating of interface transmission is 135 MVA. This connection point is where the existing York Energy Centre facility currently connects with the IESO-Controlled Grid. The Facility would connect behind this connection point. The electrical interconnection work would consist of tapping and extending the high voltage bus at the York Energy Centre outdoor switchyard and constructing a new high voltage (230kV – 34.5 kV) substation to which the BESS systems would connect. The current proposal is to supply power through either of the circuits B88H and B89H via a normally-closed switch/ breaker, with the other circuit being available as a backup via a normally-open switch/ breaker.

(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 Networks Inc.

(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.

(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 self-owned.

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.