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Commission de l'énergie  
 l'Ontario  
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 2300, rue Yonge  
 27e étage  
 Toronto ON M4P 1E4  
 Téléphone: 1-888-632-6273  
 Télécopieur: (416) 440-7656



# Application for an Electricity Generation Licence

For Office Use Only	
Application Number	EB- 2018-0272
Date Received	Sept 20/18

## 1. The Applicant

Legal Name of the Applicant : Bruce Power Inc.

Business Classification:

- Sole Proprietor
- Partnership
- Corporation
- Other (describe) \_\_\_\_\_

Date of formation or incorporation: April 27, 2000

Place of formation or incorporation:

Province/State Ontario

Country Canada

If the applicant is an individual, the applicant must be at least 18 years old. If the applicant is an individual, is he or she at least 18 years old?

- Yes
- No
- Not Applicable - not an individual

Head Office or Business Address of Applicant

P.O. Box 1540; 177 Tie Road, Concession 4, County Road 20

City	Province/State	Country	Postal/Zip Code
<u>Tiverton</u>	<u>Ontario</u>	<u>Canada</u>	<u>N0G 2T0</u>

Phone Number	Toll Free (if available)	E-mail Address
<u>1-519-361-2673</u>	<u>1-866-748-4787</u>	

Website Address www.brucepower.com

## 2. Application Type

New

Renewal, provide the licence number and expiry date of the current licence.

Licence Number EG-2000-0271

Expiry Date February 27, 2019

## 3. Licence Primary Contact

The licensee shall designate a person who will act as primary contact with the OEB on matters related to the licence.

Mr. <input checked="" type="radio"/> Mrs. <input type="radio"/> Miss <input type="radio"/> Ms. <input type="radio"/> Other <input type="radio"/>	Last Name	First Name	Initial
	Schnurr	Bill	
	Title/Position		
	Assistant General Counsel		
Company Name			
Bruce Power			
Licence Primary Contact Address:			
177 Tie Road, R.R. #2, P.O. Box 1540			
City	Province/State	Country	Postal/Zip Code
Tiverton	ON	Canada	N0G 2T0
Phone Number	Toll Free (if available)	E-mail Address	
(519) 361-7484	1-866-748-4787	bill.schnurr@brucepower.com	

## 4. Application Primary Contact

Indicate if same as above. Proceed to section 5.

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.

Mr. <input type="radio"/> Mrs. <input type="radio"/> Miss <input type="radio"/> Ms. <input checked="" type="radio"/> Other <input type="radio"/>	Last Name	First Name	Initial
	Manzarpour	Natalie	
	Title/Position		
	Risk Management Analyst		
Company Name			
Bruce Power			

Application Primary Contact Address:

177 Tie Road, R.R. #2, P.O. Box 1540

City	Province/State	Country	Postal/Zip Code
Tiverton	ON	Canada	N0G 2T0
Phone Number	Toll Free (if available)	E-mail Address	
416-867-2927 x4410		natalie.manzarpour@brucepower.com	

## 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.

Does the applicant intend to use trade names?

- Yes, provide a list of trade names the applicant intends to use in the space provided below.
- No, proceed to section 6.


## 6. Applicant's Licensing Status and History

(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](http://www.e-laws.gov.on.ca))

- Yes, provide details of current and expired licences in the table below.
- No, proceed to 6(b).

Licensee Name	Relation to the Applicant (e.g., applicant itself, affiliate, partner...etc.)	Licence Number
Bruce Power Inc.	Applicant itself	ER-2010-0404
Bruce Power Inc.	Applicant itself	EG-2000-0271
Bruce Power L.P.	Limited Partnership (applicant is general partner)	EW-2017-0134

(b) Does the applicant, an affiliate of the applicant, or an associated entity have any other application(s) before the OEB?

Yes, provide details in the table below.

No, proceed to 6(c).

Applicant Name	Relationship to this Applicant	Type of Application	OEB File Number

(c) Has the applicant, an affiliate of the applicant, or an associated entity ever undertaken energy sector activity in any other jurisdiction within North America?

Yes, provide details in the table below.

No

Company Name	Relation to the Applicant	Jurisdiction	Business Activity	Name of Licensing Body and Licence/Registration No. (if applicable)
Bruce Power Inc.	Applicant itself	U.S.	Trading	FERC ER01-907-000 (Tariff 2.0.0)
Bruce Power Inc.	Applicant itself	U.S.	Exports	U.S. DOE EA-349-A
Bruce Power Inc.	Applicant itself	Canada	Exports	NEB EPE-299/300

## 7. Key Individuals

In the table below, identify all key individuals associated with the applicant's business. Key individuals include sole proprietors, each partner, all officers and directors of a corporation, all shareholders with 10% or more of the equity shares of a corporation, managers, and any other individuals with a beneficial interest.

Name of Key Individual	Title/Position within Applicant's Business (or identify company if not the Applicant's Business)
Michael Rencheck	President and CEO
Kevin Kelly	EVP, Nuclear Development
John Soini	EVP, Finance & Commercial Services
Kelly Trice	EVP, Projects & Field Services
Len Clewett	EVP & CNO
Cathy Sprague	EVP, Human Resources
James Scongack	EVP, Corporate Affairs & Operational Services

## 8. Intended Services and Markets

- (a) The 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. Does the applicant intend to sell electricity or ancillary services into the IESO administered market?

Yes

No

- (b) Does the applicant intend to settle with an electricity distributor for the electricity injected into the distribution system in accordance with the retail settlement system?

Yes, please identify the electricity distributor \_\_\_\_\_

No

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

Yes

No

If yes, is this person a consumer (i.e., a person who uses, for the person's own consumption, electricity that the person did not generate)?

Yes. The applicant may require a retailer licence. The application form can be found at [www.oeb.ca](http://www.oeb.ca)

No

## 9. Facility Description

Is the applicant applying to be licensed for more than one facility?

Yes, please make a copy of sections 9, 10 and 11 for each facility and provide information for each facility

No

Generation Type

Diesel       Natural Gas       Water       Wind

Other, please specify Nuclear and Standby Gas

Installed Capacity 3,381 MW

Number of Units 8

If the applicant is selling ancillary services, please describe: Bruce Power supplies reactive support and voltage control services to the IESO. Note there are 4 nuclear units totaling 3,334 MW and 4 standby gas turbines totaling 47 MW for a grand total combined installed capacity of 3,381 MW at the Bruce A facility.

Facility name: Bruce A

Facility Address: P.O. Box 1540, 177 Tie Road, R.R. #2, Ontario N0G 2T0

Licence Responsibility/Qualification Sought

- Owner and Operator
- Owner Only. Please identify operator \_\_\_\_\_
- Operator Only. Please identify owner Ontario Power Generation Inc.

If the applicant is applying for only one of the two qualifications, please provide information on the status of the other qualification. The information should include confirmation as to whether or not the person or entity seeking the other qualification is licensed; if licensed, please provide the licence number and, if not, indicate when an application for the other qualification will be filed with the OEB.

Bruce Power L.P. leases the facility on a long-term basis from Ontario Power Generation (EG-2003-0104)

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\_\_\_\_\_

### 10. Facility History and Status

Is the facility in commercial service?

- Yes, proceed to section 10(a)
- No, proceed to section 10(b) or 10(c) as applicable.

(a) Existing Facility in Commercial Service

When did this facility achieve commercial operation? Sep 1, 1977

Is the applicant the original owner and operator?

- Yes
- No, identify previous owner and operator: Ontario Hydro, Ontario Power Generation

(b) New Facility

Has facility construction commenced?

- Yes
- No

What is the expected commercial in service date? \_\_\_\_\_

(c) Existing Facility **NOT** in Commercial Service

What is the expected commercial in service date? \_\_\_\_\_

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

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\_\_\_\_\_

\_\_\_\_\_

## 11. Connection

What is the voltage at the perimeter of the applicant's property from the output of the generation facility?

- 50 kV or less, proceed to section 11(a)  
 greater than 50 kV, proceed to section 11(b)

- (a) 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.

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.).

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

- Yes  
 No, identify the owner and/or operator of the distribution system \_\_\_\_\_

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, describe the purpose of the distribution system \_\_\_\_\_
- 

If the answer to the question above is no, the applicant may require a distribution licence. The application form can be found at [www.oeb.ca](http://www.oeb.ca).

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

- Yes, identify the electricity distributor \_\_\_\_\_  
 No, proceed to section 11(b)

- (b) 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.

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.).

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

Yes

No, identify the owner and/or operator of the transmission system Hydro One

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, describe the purpose of the transmission system \_\_\_\_\_

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If the answer to the question above is no, the applicant may require a transmission licence. The application form can be found at [www.oeb.ca](http://www.oeb.ca).



## 8. Intended Services and Markets

- (a) The 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. Does the applicant intend to sell electricity or ancillary services into the IESO administered market?

Yes

No

- (b) Does the applicant intend to settle with an electricity distributor for the electricity injected into the distribution system in accordance with the retail settlement system?

Yes, please identify the electricity distributor \_\_\_\_\_

No

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

Yes

No

If yes, is this person a consumer (i.e., a person who uses, for the person's own consumption, electricity that the person did not generate)?

Yes. The applicant may require a retailer licence. The application form can be found at [www.oeb.ca](http://www.oeb.ca)

No

## 9. Facility Description

Is the applicant applying to be licensed for more than one facility?

Yes, please make a copy of sections 9, 10 and 11 for each facility and provide information for each facility

No

Generation Type

Diesel       Natural Gas       Water       Wind

Other, please specify Nuclear and Standby Gas

Installed Capacity 3,537 MW

Number of Units 8

If the applicant is selling ancillary services, please describe: Bruce Power supplies reactive support and voltage control services to the IESO. Note there are 4 nuclear units totaling 3,488 MW and 4 standby gas turbines totaling 49 MW for a grand total combined installed capacity of 3,537 MW at the Bruce B facility.

Facility name: Bruce B

Facility Address: P.O. Box 1540, 177 Tie Road, R.R. #2, Ontario N0G 2T0

Licence Responsibility/Qualification Sought

- Owner and Operator
- Owner Only. Please identify operator \_\_\_\_\_
- Operator Only. Please identify owner Ontario Power Generation Inc.

If the applicant is applying for only one of the two qualifications, please provide information on the status of the other qualification. The information should include confirmation as to whether or not the person or entity seeking the other qualification is licensed; if licensed, please provide the licence number and, if not, indicate when an application for the other qualification will be filed with the OEB.

Bruce Power L.P. leases the facility on a long-term basis from Ontario Power Generation (EG-2003-0104)

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\_\_\_\_\_

## 10. Facility History and Status

Is the facility in commercial service?

- Yes, proceed to section 10(a)
- No, proceed to section 10(b) or 10(c) as applicable.

(a) Existing Facility in Commercial Service

When did this facility achieve commercial operation? Sep 14, 1984

Is the applicant the original owner and operator?

- Yes
- No, identify previous owner and operator: Ontario Hydro, Ontario Power Generation

(b) New Facility

Has facility construction commenced?

- Yes
- No

What is the expected commercial in service date? \_\_\_\_\_

(c) Existing Facility **NOT** in Commercial Service

What is the expected commercial in service date? \_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## 11. Connection

What is the voltage at the perimeter of the applicant's property from the output of the generation facility?

- 50 kV or less, proceed to section 11(a)  
 greater than 50 kV, proceed to section 11(b)

- (a) 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.

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.).

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

- Yes  
 No, identify the owner and/or operator of the distribution system \_\_\_\_\_

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, describe the purpose of the distribution system \_\_\_\_\_
- 

If the answer to the question above is no, the applicant may require a distribution licence. The application form can be found at [www.oeb.ca](http://www.oeb.ca).

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

- Yes, identify the electricity distributor \_\_\_\_\_  
 No, proceed to section 11(b)

- (b) 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.

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.).

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

Yes

No, identify the owner and/or operator of the transmission system Hydro One

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, describe the purpose of the transmission system \_\_\_\_\_

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If the answer to the question above is no, the applicant may require a transmission licence. The application form can be found at [www.oeb.ca](http://www.oeb.ca).