



# Electricity Generation Licence Application

## TransAlta Cogeneration Limited Partnership

### 1. Application Type

#### 1. (a) Application Type

New  Renewal

#### 1. (b) Licence Number

EG-2003-0184

#### 1. (c) Expiry Date

October 20, 2023

### 2. The Applicant

#### 2. (a) Legal Name of the Applicant

TransAlta Cogeneration Limited Partnership

#### 2. (b) Business Classification

Sole Proprietorship  Partnership  Corporation  Other

#### 2. (c) Date of Formation or Incorporation

December 22, 1997

#### 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:** 110 - 12th Avenue SW

**City:** Calgary

**Province/State:** Alberta

**Country:** Canada

**Postal/Zip Code:** T2P 2M1

**Website:** www.transalta.com

### Main Phone Number and Email Address

**Phone Number:** 403-267-7110

**Email Address:** Regulatory\_Reporting@TransAlta.com

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

Electricity 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:** Mrs.

**Last Name:** Ohreen

**First Name:** Paula

**Title/Position:** Training and Reporting Analyst, Market Compliance

**Company:** TransAlta Corporation

**Phone Number:** 403-267-4751

**Email Address:** Paula\_Ohreen@TransAlta.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

## 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](http://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
TransAlta Cogeneration Limited Partnership	Applicant	EG-2003-0184
Melancthon Wolfe Wind LP	Affiliate	EG-2023-0076
Canadian Hydro Developers, Inc.	Affiliate	EG-2022-0336
TransAlta (SC) Inc. on behalf of TransAlta (SC) L.P.	Affiliate	ER-2019-0274
TransAlta (SC) Inc. on behalf of TransAlta (SC) L.P.	Affiliate	EG-2009-0287
TransAlta Energy Marketing Corp.	Affiliate	EW-2016-0174
TransAlta (RC) Inc. on behalf of TransAlta (RC) L.P.	Affiliate	EG-2013-0291
TA Kent Breeze Inc. on behalf of TA Kent Breeze Limited	Affiliate	EG-2015-0220

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)
TransAlta Cogeneration, L.P.	Applicant	Alberta	Power Generation	AUC, BCUC - no License/Registration No.

Company Name	Relation to the Applicant	Jurisdiction	Business Activity	Name of Licensing Body and Licence/Registration No. (if applicable)
TransAlta Centralia Generation LLC	Affiliate	U.S.	Power Generation	FERC - ER-00-494
TransAlta Energy Marketing (U.S.) Inc.	Affiliate	U.S.	Power marketing and trading	FERC - ER05-1014
TransAlta Energy Marketing Corp.	Affiliate	Canada	Power marketing and trading	FERC - ER09-884-000
Antrim Wind Energy LLC	Affiliate	U.S.	Power Generation	FERC - ER19-1889-000
Big Level Wind LLC	Affiliate	U.S.	Power Generation	FERC - ER18-1984-000
Lakeswind Power Partners, LLC	Affiliate	U.S.	Power Generation	FERC - ER18-1159-001
TransAlta Wyoming Wind LLC	Affiliate	U.S.	Power Generation	FERC - ER14-963-001
TransAlta Generation Partnership	Affiliate	Alberta	Power Generation	AUC - no License/Registration No.
TA Alberta Hydro Inc.	Affiliate	Alberta	Power Generation	AUC - no License/Registration No.
Keephills 3 Limited Partnership	Affiliate	Alberta	Power Generation	AUC - no License/Registration No.
TA Poplar Creek L.P.	Affiliate	Alberta	Power Generation	AUC - no License/Registration No.
Windrise Wind LP	Affiliate	Alberta	Power Generation	AUC - no License/Registration No.
Kent Hills Wind Inc.	Affiliate	New Brunswick	Power Generation	NBEUB - no License/Registration No.
TransAlta (LN) L.P.	Affiliate	Quebec	Power Generation	Hydro Quebec - no License/Registration No.
Pingston Power Inc.	Affiliate	British Columbia	Power Generation	BCUC - no License/Registration No.

Company Name	Relation to the Applicant	Jurisdiction	Business Activity	Name of Licensing Body and Licence/Registration No. (if applicable)
Canadian Hydro Developers, Inc.	Affiliate	Alberta, BC	Power Generation	AUC, BCUC - no License/Registration 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
TransAlta Cogeneration LP	Applicant	Generator
Melancthon Wolfe Wind LP	Affiliate	Generator, Centralized Forecasting
TransAlta (SC) L.P.	Affiliate	Generator
TransAlta Energy Marketing Corp.	Affiliate	Energy Trader, Financial Market
TA Kent Breeze L.P.	Affiliate	Centralized Forecasting

## 7. Officers, Directors and Key Individuals

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

8

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:

- List a minimum of 3 key individuals in the table below. Additional information about each key individual is required in Section 16.
- 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)
Noren Howg	Noren_Howg@TransAlta.com	Corporate Secretary
Michelle Cameron	Michelle_Cameron@TransAlta.com	Vice President and Corporate Controller

Name of Key Individual	Email	Title/Position within Applicant's Business (or identify company if not the Applicant's Business)
Gary Woods	Gary_Woods@TransAlta.com	Vice President, Gas and Renewables

## 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).

Facility #1 - Windsor - Non-Utility Generator (NUG) Contract between TransAlta Cogeneration LP and Ontario Power Authority executed on Dec 23, 2014 for a 15 year term starting December 1, 2016.

Facility #2 - Ottawa - Non-Utility Generator (NUG) Contract between TransAlta Cogeneration LP and Ontario Power Authority executed on Sep 1, 2013 for a 20 year term starting January 1, 2014.

### 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

### 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.

2

### Facility #1

#### (a) Generation Type

Natural Gas  Water  Wind  Solar  Other

#### (b) Installed Capacity (in Megawatts)

72.00 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**

Windsor-Essex Cogeneration Facility

**(e) Facility Address**

2600 Temple Drive, Windsor, Ontario

**(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)**

74.00 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**

Ottawa Cogeneration Facility

**(e) Facility Address**

405 Smyth Road, Ottawa, Ontario

**(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, 1996

**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.**

Not applicable - existing facility.

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

Yes  No

**(d) Has the applicant secured financing?**

Yes  No

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

Not applicable - existing facility.

**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, 1992

**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.**

Not applicable - Existing facility.

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

Yes  No

**(d) Has the applicant secured financing?**

Yes  No

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

Not applicable - Existing facility.

**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.).**

TransAlta owns the 13.8 KV to 115 KV step up transformer and associated switchgear that connects to the Hydro one system.

**(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.**

[section-11-windsor-single-line.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.**

All components are owned by the applicant.

## **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 "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.).**

TransAlta owns the 13.8 KV to 115 KV step up transformer and associated switchgear that connects to the Hydro one system.

**(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.**

[section-11-ottawa-single-line.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.**

All components are owned by the applicant.

#### **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.