



Electricity Generation Licence Application

Toromont Energy Ltd.

1. Application Type

1. (a) Application Type

☐ New ☒ Renewal

1. (b) Licence Number

EG-2003-0163

1. (c) Expiry Date

October 19, 2023

2. The Applicant

2. (a) Legal Name of the Applicant

Toromont Energy Ltd.

2. (b) Business Classification

☐ Sole Proprietorship ☐ Partnership ☒ Corporation ☐ Other

2. (c) Date of Formation or Incorporation

August 29, 2003

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: 268 Orenda Road

City: Brampton

Province/State: Ontario

Country: Canada

Postal/Zip Code: L6T 1E9

Website: www.toromontenergy.com

Main Phone Number and Email Address

Phone Number: 905.488.2500

Extension: 2568

Toll Free: 416.938.1212

Email Address: lcolangelo@toromont.com

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

Toromont Energy's core business is the supply, construction and operation of high efficiency power plants up to 50 MW, using Caterpillar's leading edge power generation technologies. Building on decades of power generation experience, Toromont Energy operates plants that supply energy to hospitals, district energy systems, and industrial processes. Our plants are fuelled by natural gas, landfill gas, biogas and diesel fuel in remote locations.

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: Colangelo

First Name: Lou

Title/Position: General Manager

Company: Toromont Energy Ltd.

Phone Number: 416.938.1212

Extension: n/a

Toll Free: n/a

Email Address: lcolangelo@toromont.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.

If yes, please provide current and expired licences.

Licensee Name	Relation to the Applicant (e.g. applicant itself, affiliate, partner, etc.)	Licence Number
Toromont Energy Ltd.	Applicant itself (electric generation)	EG-2003-0163
Sudbury District Energy	Applicant itself (electric generation)	EG-2000-0031

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

7. Officers, Directors and Key Individuals

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

3

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)
Adam Miller	amiller@toromont.com	Vice President, Toromont Power Systems
Lou Colangelo	lcolangelo@toromont.com	General Manager, Toromont Energy Ltd.
Arman Mann	amann@toromont.com	Controller, Toromont Energy Ltd.

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).

To sell or offer to sell electricity to large-volume consumers in Ontario

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.

6

Facility #1

(a) Generation Type

☐ Natural Gas ☐ Water ☐ Wind ☐ Solar ☒ Other

If other, please specify.

Landfill gas

(b) Installed Capacity (in Megawatts)

6.25 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

6

(d) Facility Name

Waterloo Landfill Gas Power Plant

(e) Facility Address

1001 Erb Street West, Waterloo, 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)

5.00 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

SDE - Sudbury District Energy Plant

(e) Facility Address

36 Energy Court, Sudbury, Ontario

(f) Licensee Responsibility/Qualification Sought

☒ Owner and operator ☐ Owner only ☐ Operator only

Facility #3

(a) Generation Type

☒ Natural Gas ☐ Water ☐ Wind ☐ Solar ☐ Other

(b) Installed Capacity (in Megawatts)

6.75 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

SDE - Sudbury Regional Hospital Cogeneration Plant

(e) Facility Address

41 Ramsey Lake Road, Sudbury, Ontario

(f) Licensee Responsibility/Qualification Sought

☒ Owner and operator ☐ Owner only ☐ Operator only

Facility #4

(a) Generation Type

☐ Natural Gas ☐ Water ☐ Wind ☐ Solar ☒ Other

If other, please specify.

Landfill Gas

(b) Installed Capacity (in Megawatts)

1.50 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

1

(d) Facility Name

Sudbury Landfill Gas Energy Plant

(e) Facility Address

2870 Kingsway Blvd., Sudbury, Ontario

(f) Licensee Responsibility/Qualification Sought

☐ Owner and operator ☐ Owner only ☒ Operator only

Please provide the name of the facility owner.

Greater Sudbury Utilities

Is the facility owner licensed by the OEB?

☒ Yes ☐ No

If yes, please provide the OEB licence number.

EG-2006-0240

Facility #5

(a) Generation Type

☐ Natural Gas ☐ Water ☐ Wind ☐ Solar ☒ Other

If other, please specify.

Landfill gas

(b) Installed Capacity (in Megawatts)

3.25 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

Glanbrook Landfill Gas Energy Plant

(e) Facility Address

1500 Haldibrook, Glanbrook, Ontario

(f) Licensee Responsibility/Qualification Sought

☐ Owner and operator ☐ Owner only ☒ Operator only

Please provide the name of the facility owner.

Hamilton Renewable Power Inc.

Is the facility owner licensed by the OEB?

☒ Yes ☐ No

If yes, please provide the OEB licence number.

EG-109151

Facility #6

(a) Generation Type

☐ Natural Gas ☐ Water ☐ Wind ☐ Solar ☒ Other

If other, please specify.

Landfill gas

(b) Installed Capacity (in Megawatts)

3.25 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

Mapleward Renewable Generating Station

(e) Facility Address

5405 Mapleward Road, Thunder Bay, Ontario

(f) Licensee Responsibility/Qualification Sought

☐ Owner and operator ☐ Owner only ☒ Operator only

Please provide the name of the facility owner.

Thunder Bay Renewable Power Inc.

Is the facility owner licensed by the OEB?

☒ Yes ☐ No

If yes, please provide the OEB licence number.

EG-2007-0728

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?

October 1, 1999

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.

Municipality; building permit, Status: complete

Local Utility: Connection Agreement, Status: executed, current

Ministry of the Environment and Climate Change (MOECC): environmental assessments completed, Status: annual auditing conducted

(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.

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, 2002

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.

Municipality; building permit, Status: complete

Local Utility: Connection Agreement, Status: executed, current

Ministry of the Environment and Climate Change (MOECC): environmental assessments completed, Status: annual auditing conducted

(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 necessary.

Facility #3

(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, 2002

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.

Municipality; building permit, Status: complete

Local Utility: Connection Agreement, Status: executed, current

Ministry of the Environment and Climate Change (MOECC): environmental assessments completed, Status: annual auditing conducted

(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 necessary.

Facility #4

(a) Facility Status

☒ Existing facility in commercial service ☐ New facility ☐ Existing facility not in commercial service

When did this facility achieve commercial operation?

October 1, 2007

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.

Municipality; building permit, Status: complete

Local Utility: Connection Agreement, Status: executed, current

Ministry of the Environment and Climate Change (MOECC): environmental assessments completed, Status: annual auditing conducted

(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 necessary.

Facility #5

(a) Facility Status

☒ Existing facility in commercial service ☐ New facility ☐ Existing facility not in commercial service

When did this facility achieve commercial operation?

December 16, 2008

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.

Municipality; building permit, Status: complete

Local Utility: Connection Agreement, Status: executed, current

Ministry of the Environment and Climate Change (MOECC): environmental assessments completed, Status: annual auditing conducted

(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 necessary.

Facility #6

(a) Facility Status

☒ Existing facility in commercial service ☐ New facility ☐ Existing facility not in commercial service

When did this facility achieve commercial operation?

September 24, 2010

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.

Municipality; building permit, Status: complete

Local Utility: Connection Agreement, Status: executed, current

Ministry of the Environment and Climate Change (MOECC): environmental assessments completed, Status: annual auditing conducted

(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 necessary.

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 "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.).

Generation and main bus voltage: 4160V
(refer to diagram provided)

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

☐ Yes ☒ No

If no, please identify the owner and/or operator of the distribution system.

Kitchener-Wilmot Hydro Inc.

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

☐ Yes ☒ No

(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.

[waterloo-single-line-drawing.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 "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.).

Generation and main bus voltage: 4160V
(refer to diagram provided)

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

☐ Yes ☒ No

If no, please identify the owner and/or operator of the distribution system.

Greater Sudbury Hydro

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

☐ Yes ☒ No

(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.

[sudbury-downtown-single-line-8294e02.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 #3

(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 "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.).

Generation and main bus voltage: 4160V
(refer to diagram provided)

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

☐ Yes ☒ No

If no, please identify the owner and/or operator of the distribution system.

Greater Sudbury Hydro

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

☐ Yes ☒ No

(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.

[sudbury-hospital-single-line-9321e03.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 #4

(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 "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.).

Generation and main bus voltage: 600V
(refer to diagram provided)

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

☐ Yes ☒ No

If no, please identify the owner and/or operator of the distribution system.

Greater Sudbury Hydro

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

☐ Yes ☒ No

(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.

[single-line-diagram4-sudbury-hydro-layout1-1.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 customer.

Facility #5

(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 "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.).

Generation and main bus voltage: 4160V
(refer to diagram provided)

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

☐ Yes ☒ No

If no, please identify the owner and/or operator of the distribution system.

Alectra Utilities

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

☐ Yes ☒ No

(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.

[glanbrook-single-line-drawing.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 customer.

Facility #6

(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 "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.).

Generation and main bus voltage: 4160V
(refer to diagram provided)

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

☐ Yes ☒ No

If no, please identify the owner and/or operator of the distribution system.

Alectra Utilities

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

☐ Yes ☒ No

(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.

[mapleward-single-line-drawing.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 customer.

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.