

St. Thomasenergyinc.

We're Your Local Power Distributor

Micro-Generation Connection Application Distribution System

For Connection of Micro-Generation Facilities of ≤ 10 kW

This form is applicable to individual or multiple generating units at the St. Thomas Energy Inc.'s (STEI) facility with total nameplate rating of 10 kW or less. Your generation facility must generate electricity from a renewable energy source that is wind, water, solar radiation, or agricultural biomass.

Inverter-based generating units must not inject DC greater than 0.5% of the full rated output current at the point of connection of the generating units. The generated harmonic levels must not exceed those given in the CAN/CSA-C61000-3-6 Standards.

IMPORTANT: All fields below are mandatory, except where noted. Incomplete applications may be returned by STEI.

Please return the completed form by email, mail or fax to:

St. Thomas Energy Inc
135 Edward Street
St. Thomas, ON N5P 4A8
FAX: 519-631-2243
Email: mfit@sttenergy.com

NOTE: Applicants are cautioned NOT to incur major expenses until STEI approves to connect the proposed generation facility.

The following information is required for all generators with total generation of up to 10 kW.

Date of Application: _____ (dd / mm / yyyy)

microFIT reference number: _____

1. Project/Customer Name: _____

2. Proposed In-Service Date: _____ (dd / mm / yyyy)

3. Project Information:

Owner

Company/ Person: _____

Contact: _____

Mailing Address: _____

Telephone: _____
Fax: _____
E-mail: _____

Engineering Consultant (Electrical) (optional)

Company/ Person: _____
Contact: _____
Mailing Address: _____
Telephone: _____
Fax: _____
E-mail: _____

4. Project Location: Address _____
Postal Code _____

5. Customer Status:

Existing STEI Customer? Yes No

If yes, STEI Account Number: _____ - _____

Name of Account Holder*: _____
(*must be the same name as applicant)

6. Project Type:

- Wind Turbine
- Hydraulic Turbine
- Solar / Photovoltaic Cells (Rooftop)
- Solar / Photovoltaic Cells (Ground Mount)
- Biomass
- Bio-diesel
- Bio-gas
- Other, please specify _____

7. Project Size:

Generator connecting on single phase three phase
Existing Total Nameplate Capacity _____ kW
Proposed Total Nameplate Capacity _____ kW

8. Type of Connection:

Select the Configuration below that is appropriate for your connection to STEI Distribution system:

Note: For further information on connections please refer to the document “Meter Configurations” included on your application package provided by STEI

- a. Indirectly Connected Parallel
- b. Directly Connected Parallel
- c. Indirectly Connected Series (Currently not supported)

9. Single Line Diagram (SLD)

Provide a preliminary Single Line Diagram (SLD) of generation facility showing the interface point to the STEI distribution system. The SLD should include the required disconnecting device and show various equipment and ratings such as generators, transformers, cables, protective relays / devices, metering, synchronizing etc.

Note: If the project includes upgrades to existing generation facilities, show the existing and new electrical equipment.

SLD Drawing Number:

Rev.:

By submitting a Application Form, the Proponent authorizes the collection by St. Thomas Energy Inc, of the information set out in the Application Form and otherwise collected in accordance with the terms hereof, the terms of St. Thomas Energy Inc’s Conditions of Service, Privacy Policy and the requirements of the Distribution System Code and the use of such information for the purposes of the connection of the generation facility to St. Thomas Energy Inc’s distribution system.

Signature of Applicant: _____

Name of Applicant: _____
(name – please print)

Date: _____
(yyyy/mm/dd)