Micro-Generation Connection Application

For Connection of Micro-Generation Facilities of ≤ 10 kW

This form is applicable to individual or multiple generating units at the Customer's 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.

For generation size up to 10 kW, a Connection Impact Assessment will not be required and Westario Power Inc. will not perform such an assessment. There may be a limitation on the number of micro-generation facilities that can be connected to the same distribution feeder.

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

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

Westario Power Inc.
Attn: System Reliability Department
24 Eastridge Road, R.R. #2
Walkerton, ON N0G 2V0
Email: microfit@westario.com
Telephone: 519-507-6666 ext-232

FAX: 519-507-6790
Attention: Generation Connections

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

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

1. **microFIT reference number*:** _____
   (*not required for Net Metering applications)

2. **Project/Customer Name:** _____

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

4. **Project Information:**

	Owner (mandatory)	**Engineering Consultant (Electrical)** (optional)
Company/Person		
Contact		
Mailing address line 1		
Mailing address line 2		
Telephone		
Cell		
Fax		
Email		

5. **Project Location:** Address _____

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City/Town/Township _____
Lot Number(s) _____
Concession Number(s) _____

6. Program Type:

A. microFIT ☐ ***(Complete all sections)***

B. Net Metering to microFIT Conversion

i) ☐ Existing Net Metering Customer *upgrading* generation size and/or technology/ fuel type, up to 10 kW ***(Complete all sections)***

ii) ☐ Existing Net Metering Customer with *no upgrades* in generation size and/or technology/ fuel type, up to 10 kW ***(Complete sections 6, 7 and 8 only)***

C. Net Metering ☐ ***(Complete all sections)***

7. Customer Status:

Existing Westario Power Inc. Customer? ☐ Yes ☐ No

If yes, Westario Power Inc. Account Number: _____

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

Are you a GST registrant? ☐ Yes ☐ No

If yes, provide your GST registration number: _____ - _____ RT _____

8. Project Size:

Number of Units _____
Nameplate Rating of Each Unit _____ kW
Generator connecting on ☐ single phase ☐ three phase
Existing Total Nameplate Capacity _____ kW
Proposed Total Nameplate Capacity _____ kW

9. Fuel Type:

☐ Wind Turbine
☐ Solar/Photovoltaic Cells (Rooftop)
☐ Biomass
☐ Bio-gas
☐ Hydraulic Turbine
☐ Solar / Photovoltaic Cells (Groundmount)
☐ Bio-diesel
☐ Other (*please specify*):_____

10. Customer Owned Step-up Interface Transformer (*if applicable*):

a. Transformer rating _____ kVA

b. High voltage winding connection ☐ Delta ☐ Star

Grounding method of star connected high voltage winding neutral

☐ Solid ☐ Ungrounded ☐ Impedance grounded: R_____X_____ohms

c. Low voltage winding connection ☐ Delta ☐ Star

Grounding method of star connected low voltage winding neutral

☐ Solid ☐ Ungrounded ☐ Impedance grounded: R_____X_____ohms

Note: The term 'High Voltage' refers to the connection voltage to Westario Power Inc.'s distribution system and 'Low Voltage' refers to the generator / inverter output voltage.

11. Generator / Inverter Information:

(*For generation facilities installing more than one type of generator, complete section 10*)

a. Manufacturer: _____

b. Model No. _____

c. Number of phases ☐ Single Phase ☐ Three Phase

d. Nameplate rating: _____ kW

e. Generator / Inverter AC output voltage _____ Volts

f. Type of inverter: ☐ Self-commutated ☐ Line- commutated ☐ Other, please specify _____

g. Are power factor correction capacitors automatically switched off when generator breaker opens?

☐ Yes ☐ No

h. Is the generator / inverter paralleling equipment and / or design pre-certified and meets anti-islanding test requirements? ☐ Yes ☐ No

i. If answer to the above question is Yes, to which standard(s),

e.g. CSA C22.2 No. 107.1-01, UL1741, etc. _____

j. Method of synchronizing the generator / inverter to Westario's system

☐ Manual ☐ Automatic

k. Maximum inrush current upon generator or inverter connection (I_{inrush}/ I_{rated}) _____ per unit

12. Grid Interface Controller (if applicable):

a. Manufacturer: _____ Model Number: _____

13. Type of Connection:

Select the Single Line Diagram below that is appropriate for your connection to the Westario Power Inc.'s distribution system:

a. ☐ Diagram 1 - Net Metering Connection

b. ☐ Diagram 2 - Parallel Metering Connection

Diagram 1 - **Typical Net Metering Connection** Source: Solera Sustainable Energies Company Limited

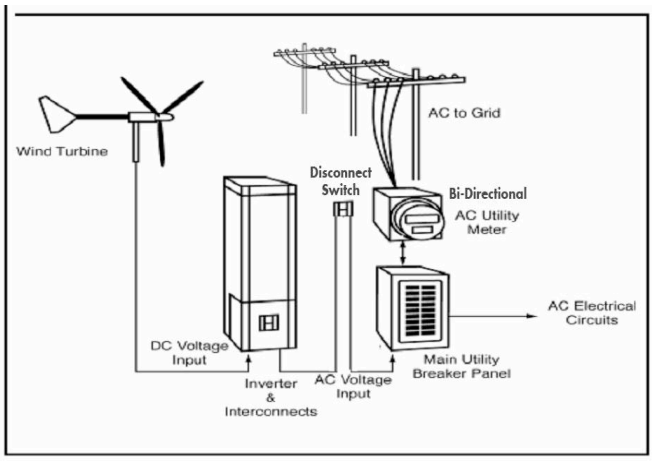
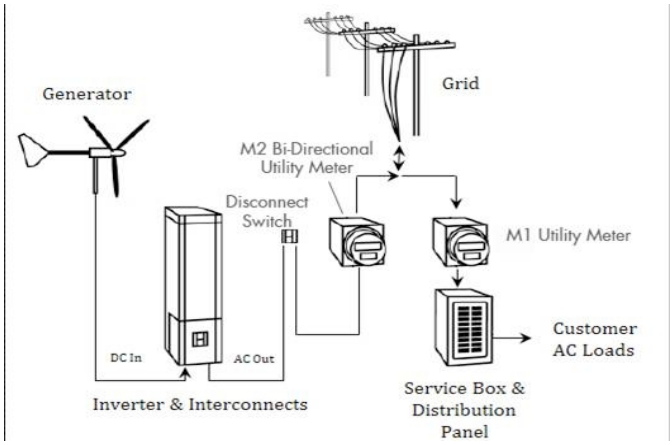


Diagram2 - **Typical Parallel Metering Connection** Source: Solera Sustainable Energies Company Limited



14. Connection to Westario Power Inc.'s Distribution System:
(*To be completed by Westario Power Inc.*)

a. Connection voltage to Westario Power Inc.'s distribution system: _____ kV
b. Station: _____
c. Feeder: _____

By submitting a Form C, the Applicant authorizes the collection by Westario Power Inc. ("WPI"), of the information set out in the Form C and otherwise collected in accordance with the terms hereof, the terms of WPI's Conditions of Service, WPI's 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 WPI's distribution system.