



# MicroFit Program (<10kW)

## FORM C MICRO-FIT CONNECTION APPLICATION DISTRIBUTION SYSTEM

For Connection of Micro-Generation Facilities of <10 kW

This form is applicable to individual or multiple generation units at the Customer’s facility with a total nameplate rating of 10 kW of less. Your generation facility must generate electricity from a renewable energy source that is wind, water, solar radiation or agriculture 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 Hydro One 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 Festival Hydro Inc. (“Festival Hydro”).

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

Festival Hydro Inc.  
187 Erie Street  
PO Box 397  
Stratford, ON N5A 6T5  
Email: [FIT@festivalhydro.com](mailto:FIT@festivalhydro.com)  
Telephone: 519-271-4700  
Fax: 519-271-7204

**Attention: MicroFIT Program**

**NOTE:** Applicants are cautioned NOT to incur major expenses until Festival Hydro approves to connect the proposed generation facility. **An estimate of the connection fee will be provided with the “Offer to Connect” (Service Layout).**

**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\*:** \_\_\_\_\_

(\*Please ensure you have received a Reference number **from the OPA** before applying. Reference number not required for Net Metering applications)

**1. Project/Customer Name:** \_\_\_\_\_

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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 \_\_\_\_\_  
City/Town/Township \_\_\_\_\_  
Lot Number(s) \_\_\_\_\_  
Concession Number(s) \_\_\_\_\_

5. **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)**

6. **Customer Status:**

Existing Festival Hydro Customer?  Yes  No

If yes, Festival Hydro Account Number: \_\_\_\_\_ - \_\_\_\_\_

Name of Account Holder\*:  
(\*must be the same name as applicant for Net Metering) \_\_\_\_\_

Are you a GST registrant?  Yes  No

If yes, provide your GST registration number: \_\_\_\_\_ - \_\_\_\_\_ RT \_\_\_\_\_

7. **Project Size:**



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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

### 8. Fuel Type:

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

### 9. 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 Festival Hydro's distribution system and 'Low Voltage' refers to the generator / inverter output voltage.

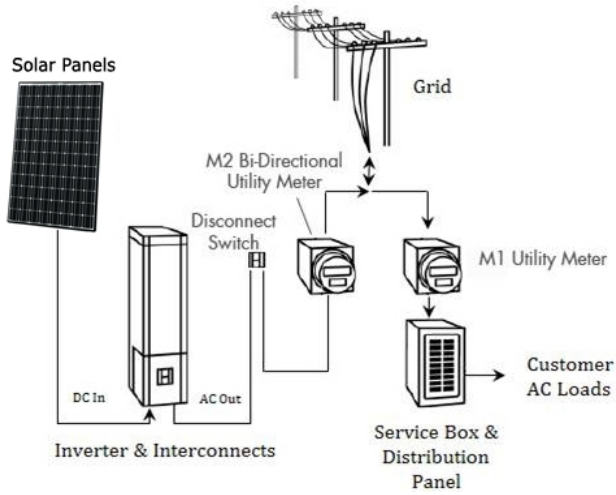
### 10. Generator / Inverter Information:

(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

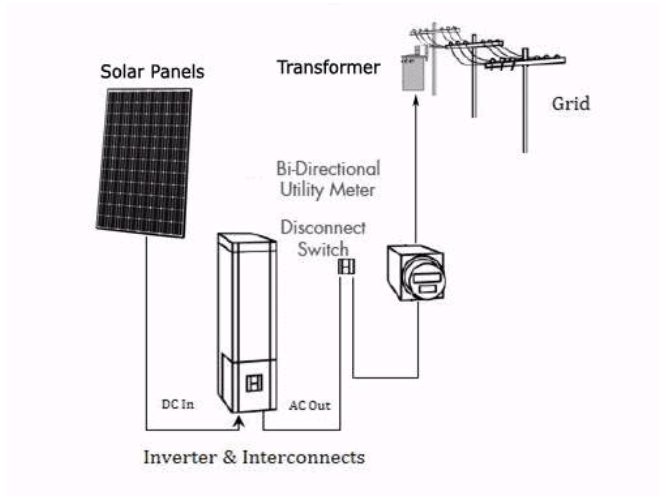


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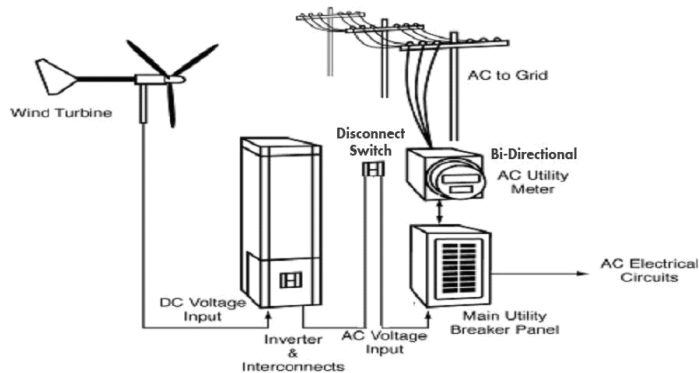


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### Alternative #2 - Stand-Alone Connection



### Typical Net Metering Connection



By submitting a Form C, the Proponent authorizes the collection by Festival Hydro Inc. (“Festival Hydro”), of the information set out in the Form C and otherwise collected in accordance with the terms hereof, the terms of Festival Hydro’s Conditions of Service, Festival Hydro’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 Festival Hydro’s distribution system. **Upon connection to the FHI system, the Proponent agrees to sign the standard “MicroFIT Generation Agreement” which is based on the OEB template found in Appendix E of the Distribution System Code.**