



**RENFREW HYDRO INC.**

B-499 O'Brien Rd

Renfrew ON K7V 3Z3

613-432-4884 [info@renfrewhydro.com](mailto:info@renfrewhydro.com)

**Form C:  
Micro-Distributed Energy Resource (DER) Connection Application  
For connection of Micro-DER Facilities of  $\leq 10$  kW**

This form is applicable to individual or multiple generating units at the Customer's facility with total nameplate ratings of 10 kW or less. Your generation facility must generate electricity from a renewable energy resource 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. There may be limitations on the number of micro-generation facilities that can be connected to the same transformer or distribution feeder.

**IMPORTANT:** All Fields below are mandatory, except where noted. Incomplete applications may be returned by Renfrew Hydro Inc. (RHI).

Please return the completed application by mail or email to:

Renfrew Hydro Inc.  
B-499 O'Brien Rd  
Renfrew ON K7V 3Z3

Email: [info@renfrewhydro.com](mailto:info@renfrewhydro.com)

**PLEASE NOTE:** Applicants are cautioned NOT to incur major expenses until the application has been reviewed and RHI has approved to connect the proposed generation facility.

By submitting this form, the Proponent authorizes the collection by RHI, of the information set out in Form C and otherwise collected in accordance with the terms hereof, the terms of RHI's Conditions of Service, Privacy Policy and the requirements of the Distribution System Code and the use of such information for the purposes of connection of the generation facility to RHI's distribution system.

Date of Application (dd/mm/yyyy): \_\_\_\_\_

IESO Reference Number (if applicable): \_\_\_\_\_

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

2. Proposed In-Service Date: \_\_\_\_\_

**3. Project Information**

**Owner**

Company/Customer Name: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

**Installer – Engineering Consultant**

Company/Engineer's Name: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

Single Point of Contact:      Owner            Installer – Engineering Consultant

**4. Project Location**

Service Address: \_\_\_\_\_

City: \_\_\_\_\_

Postal Code: \_\_\_\_\_

**5. Customer Status:**

Existing Customer?            Yes    No

If yes, please provide the ten-digit account number: \_\_\_\_\_

Name of Account Holder:\* \_\_\_\_\_

*\*must be the same name as the Net Metering Applicant*

Are you an HST registrant?    Yes    No

If yes, please provide your HST registration number and a copy of your HST registration:

\_\_\_\_\_

**6. Program Type:**

- Net Metering
- Load Displacement
- Emergency Backup
- Other, please specify: \_\_\_\_\_

**7. Project Type:**

- Solar Photovoltaic (rooftop)
- Wind Turbine
- Biomass
- Diesel
- Other, please specify: \_\_\_\_\_
- Solar Photovoltaic (ground mount)
- Battery Storage
- Bio-diesel
- Co-generation/Combined Heat and Power

**8. Generator Type:**

- Inverter
- Synchronous
- Induction

**9. Project Size:**

Is there an existing DER at the project location?  Yes  No

	Proposed	Existing (if applicable)
Number of Units (i.e. solar panels, batteries)	_____	_____
Nameplate Rating of Each Unit	_____ kW	_____ kW
Total	_____ kW	_____ kW
Number of Generators/Inverters	_____	_____
Nameplate Rating of Each Unit	_____ kW	_____ kW
Generator/Inverter Total	_____ kW	_____ kW
Connecting on:	<input type="radio"/> Single Phase	<input type="radio"/> Three Phase

**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 the distribution system and ‘Low Voltage’ refers to the generator/inverter output voltage.

