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 HEARST Power Distribution Co. Ltd. (Hearst Power).

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

Hearst Power Distribution Co. Ltd.

925 Alexandra St., P.O. bag 5000

Hearst, ON, P0L 1N0

Tel: 705-372-2815

Email: [service@hearstpower.com](mailto:service@hearstpower.com) (*Attn: DER Connections*)

## NOTE: Applicants are cautioned NOT to incur major expenses until Hearst Power 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)

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:

1. **Project Location:** Address

City/Town/Township

Lot Number(s)

Concession Number(s)

## Program Type:

* 1. microFIT *(Complete all sections)*

## Net Metering to microFIT Conversion

* + 1. Existing Net Metering Customer *upgrading* generation size and/or technology/ fuel type, up to 10 kW ***(Complete all sections)***
    2. 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)***
  1. Net Metering ***(Complete all sections)***

## Customer Status:

Existing Hearst Power Customer? Yes No

If yes, Hearst Power 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

## 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

## Fuel Type:

Wind Turbine

Hydraulic Turbine

Solar / Photovoltaic Cells (Rooftop)

Solar / Photovoltaic Cells (Ground Mount)

Biomass

Bio-diesel

Bio-gas

Other, please specify

## Customer Owned Step-up Interface Transformer (if applicable):

1. Transformer rating kVA
2. High voltage winding connection Delta Star Grounding method of star connected high voltage winding neutral

Solid Ungrounded Impedance grounded: R X ohms

1. 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 Hearst Power’s distribution system and ‘Low Voltage’ refers to the generator / inverter output voltage.

## Generator / Inverter Information:

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

1. Manufacturer:
2. Model No.
3. Number of phases Single Phase Three Phase
4. Nameplate rating: kW
5. Generator / Inverter AC output voltage Volts
6. Type of inverter: Self-commutated Line- commutated

Other, please specify

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

Yes No

1. Is the generator / inverter paralleling equipment and / or design pre-certified and meets anti- islanding test requirements?

Yes No

1. If the answer to the above question is Yes, to which standard(s), e.g. CSA C22.2 No. 107.1-01, UL1741, etc.
2. Method of synchronizing the generator / inverter to Festival Hydro’s system

Manual Automatic

1. Maximum inrush current upon generator or inverter connection (Iinrush/ Irated) per unit

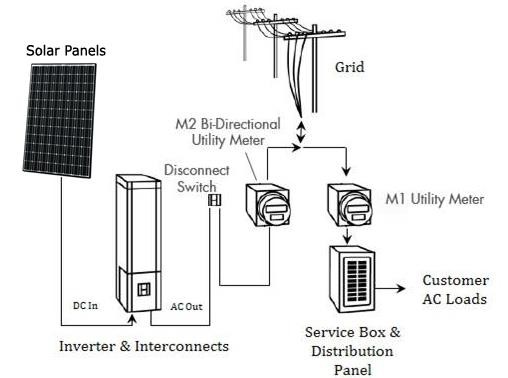
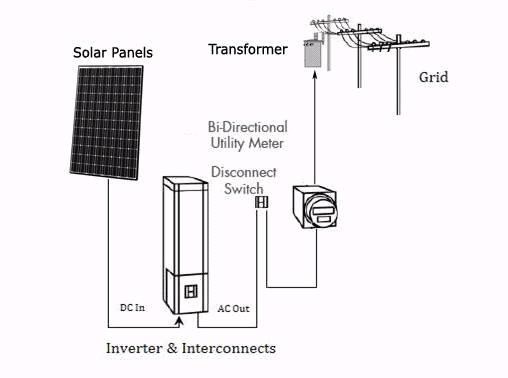
## Grid Interface Controller (if applicable):

Manufacturer: Model Number:

## Type of Connection:

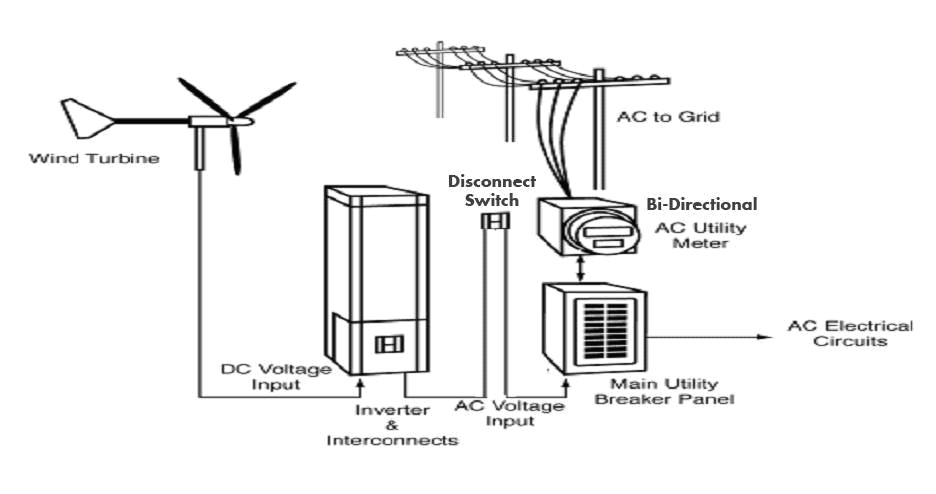
Select the Single Line Diagram (*see Figures 1 to 3 below*) below that is appropriate for your connection to the Hearst Power distribution system:

1. Alternative #1 - Parallel Metering Connection
2. Alternative #2 - Stand-Alone Connection
3. Net Metering Connection



**Figure 2: Alternative #2 - Stand-Alone Connection**

**Figure 1: Alternative #1 - Typical Parallel Metering Connection**



**Figure 3: Net Metering Connection**

# By submitting a Form C, the Proponent authorizes the collection by Hearst Power, of the information set out in the Form C and otherwise collected in accordance with the terms hereof, the terms of Hearst Power’s Conditions of Service, Hearst Power’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 Hearst Power’s distribution system.