



## Net Metering Application Form

This form is applicable to individual or multiple generating units at the Customer’s facility with total nameplate rating of 500 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.

**The following information is required for all net-metered generators with total generation of up to 500 kW.**

Date of Application: \_\_\_\_\_ Proposed Generation In-Service Date: \_\_\_\_\_  
(DD/MM/YYYY) (DD/MM/YYYY)

### 1. Project Information:

Location (Street Address/City/or Lot No./Concession/Township/County, as applicable)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

#### Owner

Name (Company/First, Last): \_\_\_\_\_

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

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

Telephone (Main): \_\_\_\_\_ Telephone (Alternate): \_\_\_\_\_

Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_

#### Engineering Consultant (Electrical)

Name (Company/First, Last): \_\_\_\_\_

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

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

Telephone (Main): \_\_\_\_\_ Telephone (Alternate): \_\_\_\_\_

Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_

### 2. Customer Status:

Existing Wasaga Distribution Customer?  Yes  No

Are you a HST registrant?  Yes  No If yes, provide your HST registration number:

\_\_\_\_\_

### 3. Project Size:

Total generation capacity \_\_\_\_\_ kW

Are all generating units of the same type/size?  Yes  No

**4. Generation Type (check all that apply):**

- Wind Turbine
- Hydraulic Turbine (water)
- Photovoltaic (solar)
- Agricultural Bio-Mass
- Other, Please Specify: \_\_\_\_\_

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

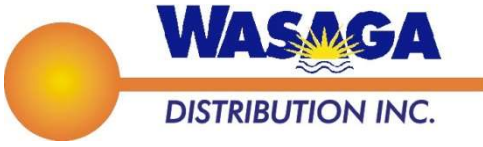
- a) Transformer rating \_\_\_\_\_ kVA
- b) High voltage winding connection       delta       star  
 Grounding method of star connected high voltage winding neutral  
 Solid       Ungrounded  Impedance grounded: R \_\_\_ X \_\_\_ ohms
- c) Low voltage winding connection       delta       star  
 Grounding method of star connected high voltage winding neutral  
 Solid       Ungrounded  Impedance grounded: R \_\_\_ X \_\_\_ ohms

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

**6. Generator/Inverter Information:**

(For generation facilities installing more than one type of generator, complete section 6 and Appendix A)

- a) Manufacturer: \_\_\_\_\_
- b) Model Number: \_\_\_\_\_
- c) Number of phase:       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 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 Wasaga Distribution Inc.

Manual       Automatic

k) Maximum inrush current upon generator or inverter connection (linrush/Irated) per unit

**7. Grid Interface Controller (if applicable):**

a) Manufacturer \_\_\_\_\_

b) Model No. \_\_\_\_\_

**8. Single Line Diagram (only required for generators greater than 50 kW):**

A Single Line Diagram (SLD) is required with this Application Form. The SLD should include, but should not be limited to:

- Customer's electrical system showing major electrical equipment, their ratings, location of fault interrupting devices (circuit breakers, fuses)
- Generating unit(s) and their connection arrangement to Customer's electrical system
- Protection, metering and proposed tripping schemes
- Isolating/disconnecting device for the isolation of the generating unit(s) from Wasaga Distribution Inc.'s system; suitably rated, accessible (to Wasaga Distribution Inc. personnel), visible, gang operated, lockable.
- If applicable, information on customer owned step-up interface transformer: ratings, winding connections, grounding arrangements.

SLD Drawing Number: \_\_\_\_\_ Rev. \_\_\_\_\_

**9. Location & Site Plan (only required for generators greater than 50 kW):**

Provide a site plan (sketch) showing electric service entrance, step-down transformer, generator(s)/inverter(s) location, existing/new switchgear, location of the isolating/disconnecting device (for Wasaga Distribution Inc. use), adjoining street name, and street address.

Drawing/Sketch No. \_\_\_\_\_ Rev. \_\_\_\_\_

Note: Additional information may be required. Wasaga Distribution Inc. will inform you of what additional information is required.

Applicant: \_\_\_\_\_ Date: \_\_\_\_\_  
*(Signature)* *(DD/MM/YYYY)*