



# Distributed Generation Connection Application Form (10kW or Less)

## 1. Primary Contact Information

Name .....

Mailing Address.....  
.....  
.....

Account Number (for existing customer account, if applicable).....

Phone Number.. ..

Fax Number:.....

Email Address.....

Are you a HST registrant?  Yes  No

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

## 2. Secondary Contact Information

Name.....

Address.....  
.....  
.....

Phone Number.. ..

Fax Number:.....

Email Address.....

## 3. Project Description

Site Address.....

## 4. Program Type

A. Net Metering

B. Load Displacement

## 5. Power Flow Type

A. Exporting to the Utility Grid

B. Non-Exporting to the Utility Grid

Fuel Type  Bio- Gas  Landfill Gas  Renewable Biomass  Wind  Solar (Photovoltaic)



Batteries  Yes  No If yes, will batteries generate power back into the grid?  Yes  No

Number of Units.....

Nameplate Rating for Each Unit..... kW

Existing Service Rating.....

Expected In Service Date .....

Generator Connecting On:  Single Phase  Three Phase

For Solar (Photovoltaic) only:  
Number of series connected cells..... Number of parallel strings .....

**6. Generator / Inverter Information:**

Manufacturer.....

Model Number. ....

Single Phase

Three Phase

Plate rating ..... kW

Generator/ Inverter AC Output Voltage .....Volts

Type of Inverter  Self Commutated  
 Other.....

Line Commutated

Power Factor ..... %

Are power factor capacitors automatically switched off when generator breaker opens?  
 Yes  No

Is the generator / inverters paralleling equipment and/or design pre certified and meets anti islanding test requirements?  
 Yes  No

If the answer to the above question is yes, to which standard E.G CAS, C22.2, No 107.1-01, UL 1741 etc.

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Methods of synchronizing the generator / inverter to Burlington Hydro's system  
 Manual  Automatic

Maximum inrush current upon generator or inverter connection..... per unit

Proposed connection method:  
 Directly Connected  Indirectly Connected



**7. Single Line Diagram**

Please provide a Single Line Diagram of generation facility showing the interface point to the distribution system. The Single Line Diagram should include the required disconnecting device and show various equipment and ratings such as generators, transformers, cables, protective relays/ devices, metering, synchronizing etc. **If the project includes upgrade to the existing EG facilities, show the existing and new electrical equipment.**

**8. Characteristics of Existing Generators**

If total Generation's facilities is greater than 10kW a Connection Impact Assessment might be required. Customer is responsible for charges associated with the study

**NOTE:** Applicants are cautioned NOT to incur major expenses until Burlington Hydro approves to connect the proposed generation facility.

**\*\* Customer must sign this portion, Third Party signatures will not be accepted \*\***

**Signature:**.....

**Name:**.....

**Date:**.....

**Please complete this form and attached consent and return to:**

Burlington Hydro Inc.  
1340 Brant Street  
Burlington, ON L7R 3Z7  
Attention: **Generation**

Email: [generation@burlingtonhydro.com](mailto:generation@burlingtonhydro.com)