Connection Application Form for MicroDER

Submission Instructions

To connect a microDER to the Kingston Hydo distribution system you must fill out this form completely and accurately.

It is recommended that prospective distributed generators read Kingston Hydro's "Guide for Distributed Generators" and relevant documents listed at https://www.kingstonhydro.com/LocalGeneration. Although not required for microDER connections, the Primary Consultation Information Request Form can be used as the initial step.

When applying, please ensure that you also provide all the necessary documents for review including:

- Signed Micro-Embedded Generation Facility Connection Agreement.

- Single Line diagram indicating location of service, meters, and relevant equipment proposed in the microDER.

- Manufacturer specification sheets of all major equipment for example: solar modules, inverters, batteries, and generators.

- Provide information on any existing DERs or generators at the location, if applicable.

If you have any questions regarding this form or the process for connecting distributed generation to the Kingston Hydro distribution system, please contact Utilities Kingston's Service Advisors at (613) 546-1181 ext. 2285 or serviceadvisors@utilitieskingston.com

Date:

1. DER Project Location:

Street Address:

Postal Code:

Description:

Kingston Hydro Account #:

2. DER Host Customer (load facility owner):

Contact Name:

Company:

Mailing Address:

Telephone:

Fax:

E-mail:

3. DER Owner (if different from host customer):

Contact Name:

Company:

Mailing Address:

Telephone:

Fax:

E-mail:

4. DER Consultant:

Contact Name:

Company:

Mailing Address:

Telephone:

Fax:

E-mail:

5. Electrical Service Entrance

Service Voltage

Load Meter Location

Load Meter Type

Generator Meter Location

Generator Meter Type

Generator Disconnect Location

Service Type:

Residential   Commercial   Industrial

Fuel Source:

Photovoltaic   Wind   Hydro   Biogas / Biomass

Other

Generation Voltage:

AC   DC   Volts

Generation Type:

Inverter   Induction   Synchronous

6. Solar Generator Specifications

Photovoltaic Module Specs

Max power output rating of each module

Quantity of modules

Total Photovoltaic DC Capacity

Inverter Specifications

Make

Model

Maximum Rated Output

Nominal Output Voltage

Power Factor

Efficiency

Quantity of inverters

Total Inverter output

Number of phases   One   Three

Total Rated System Capacity

Intermediate Customer Transformer Data

Rating

Number of Phases

Winding Connection & Voltage

Dry-type or Oil-Filled

Impedance   %

7. Other Generator Connections on site

Will this facility have any battery backup or other generation equipment? For example: battery-based inverter, gasoline, diesel, natural gas generator with automatic, manual, or meter mounted transfer switch. If you select yes, please provide more information about this equipment and its configuration.

Yes   No

8. Electricity rate plan for your account

Residential and small business (RPP) net metering customers can choose their rate plan.
For more information on Time-of-Use, Tiered, Ultra-Low Overnight pricing, and tools to help you decide which price structure is right for you, please visit www.oeb.ca/choice.

9. Notes

For Office Use Only

Inverter compliance

- CSA C22.2 No. 107.1

- CSA C22.3 No. 9

- Other (please specify)

Distribution Feeder

- Normal 44kV Supply TS and Circuit:

- Normal Supply DS and Circuit:

- Number of Phases:

- Phase:

- Distribution Transformer Data

  o Rating   KVA

  o Number of Transformer Units

  o Number of Phases

  o Winding Connection & Voltage

  o Oil-filled or Dry-type

  o Impedance

Billing & Metering

- Series or Parallel Metering

- Primary or Secondary Metering

- Meter Base Type