



## Simplified Process Interconnection Application Instructions

### General Information

If you wish to submit an application to interconnect your generating Facility using the Simplified Process (15KW or less, inverter-based, IEEE 1547 / UL1741- listed) please fill out the attached application form down to the space for your signature. Once complete, please sign and attach any documentation provided by the generator manufacturer describing the IEEE 1547 / UL 1741 listing for the generator. The process is as follows:

#### 1. Application process:

- a. Interconnecting Customer submits a Simplified Application filled out properly and completely.
- b. The Hull Municipal Light Plant (HMLP hereafter) acknowledges to the Interconnecting Customer receipt of the application within three business days of receipt.
- c. HMLP evaluates the application for completeness and notifies the Interconnecting Customer within 10 business days of receipt that the application is or is not complete and, if not, advises what is missing.
- d. HMLP verifies Facility equipment can be interconnected safely and reliably. HMLP signs application approval line and sends to Customer. In certain rare circumstances, HMLP may require the Interconnecting Customer to pay for minor System Modifications, if so, an estimate will be sent back with the approved application requiring the Interconnecting Customer's consent to pay for the modifications.
- e. After installation, customer returns Certificate of Completion. Prior to parallel operation HMLP may inspect Facility for compliance with standards which may include a witness test, and schedules appropriate metering replacement, if necessary.
- f. HMLP notifies Interconnecting Customer in writing that interconnection of the Facility is authorized. If the witness test is not satisfactory, HMLP has the right to disconnect the Facility. The Interconnecting Customer has no right to operate in parallel until a witness test has been performed.

**Contact Information:** You must provide the contact information for the legal applicant (i.e. the Interconnecting Customer). If another party is responsible for interfacing with HMLP, you should provide his/her/its contact information as well.

**Ownership Information:** Please enter the legal names of the owner or owners of the Facility.



## **Simplified Process - Interconnection Application Instructions, cont'd**

**Facility Information - UL 1741 Listed:** This standard (“Inverters, Converters, and Controllers for Use in Independent Power Systems”) addresses the electrical interconnection design of various forms of generating equipment. Many manufacturers choose to submit their equipment to a Nationally Recognized Testing Laboratory (NRTL) that verifies compliance with UL1741. This “listing” is then marked on the equipment and supporting documentation.

**DEP Air Quality Permit Needed:** A Facility may be considered a point source of emissions of concern by the Massachusetts Department of Environmental Protection (DEP). Therefore, when submitting this application, please indicate whether the proposed Facility will require an Air Quality Permit. You must answer these questions, however, your specific answers will not affect whether your application is deemed complete. Please contact the DEP to determine whether the generating technology planned for your Facility qualifies for a DEP waiver or requires a permit.



**SIMPLIFIED INTERCONNECTION  
APPLICATION AND  
SERVICE AGREEMENT FOR FACILITIES WITH  
INVERTER CAPACITY OF 15KW OR LESS**

**Date Prepared:**

**Contact Information**

Legal Name and address of Interconnecting Customer applicant (or, if an Individual, Individual's Name)

Company Name: \_\_\_\_\_ Contact Person: \_\_\_\_\_

Mailing

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

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Telephone

(Daytime): \_\_\_\_\_ (Evening): \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

**Alternative Contact Information (if different from Applicant)**

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

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

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Telephone

(Daytime): \_\_\_\_\_ (Evening): \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

**Facility Information**

Location (if different from above) \_\_\_\_\_

Account Number (if available): \_\_\_\_\_

Inverter Manufacturer:

Model

Nameplate Rating: \_\_\_\_\_ (KW) \_\_\_\_\_ (kVA) \_\_\_\_\_

Design Capacity: \_\_\_\_\_ (KW) \_\_\_\_\_ (kVA) \_\_\_\_\_

AC volts: \_\_\_\_\_



**IEEE 1547.1 (UL 1741) Listed:** Yes\_ No \_

**Need an air quality permit from DEP:** Yes \_\_\_ No \_\_\_ Not Sure \_\_\_

If “yes”, have you applied for it? Yes \_\_\_ No \_\_\_

**Estimated Install Date: Est. In-Service Date:**

**Customer Signature (attach manufacturer’s cutsheet showing IEEE 1547.1/UL1741 listing & sign here)**

I hereby certify that, to the best of my knowledge, all of the information provided in this application is true and I

agree to the Terms and Conditions on the following page:

Interconnecting Customer Signature: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_

*Please attach any documentation provided by the inverter manufacturer describing the inverter’s IEEE 1547 / UL1741 listing.*

**Approval to Install Facility (For HMLP use only)**

Installation of the Facility is approved contingent upon the terms and conditions of this Agreement, and agreement to any system modifications, if required (Are system modifications required? Yes \_\_\_ No \_\_\_):

HMLP representative Signature:

\_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_



## TERMS AND CONDITIONS FOR SIMPLIFIED INTERCONNECTIONS

**1. Construction of the Facility:** The Interconnecting Customer may proceed to construct the Facility once the Approval to Install the Facility has been signed by HMLP.

**2. Interconnection and operation:** The Interconnecting Customer may operate Facility and interconnect with the Company's system once the following has occurred:

**2.1. Municipal Inspection:** Upon completing construction, the Interconnecting Customer will cause the Facility to be inspected or otherwise certified by the Town of Hull electrical wiring inspector with.

**2.2. Certificate of Completion:** The Town of Hull Inspector of Wires informs HMLP that the Interconnecting Facility meets all local and National codes and is ready to be witness tested by HMLP.

**2.3. Witness Testing:** HMLP has completed inspection.

**3. HMLP Right of Inspection:** Within ten (10) business days after receipt of approval by the Town of Hull Inspector of Wires, HMLP may, upon reasonable notice and at a mutually convenient time, conduct an inspection of the Facility to ensure that all equipment has been appropriately installed and that all electrical connections have been made in accordance with the HMLP One-Line Diagram for Interconnection Facilities. HMLP has the right to disconnect the Facility in the event of improper installation or failure to return Certificate of Completion.

**4. Safe Operations and Maintenance:** The Interconnecting Customer shall be fully responsible to operate, maintain, and repair the Facility.

**5. Access:** HMLP shall have access to the disconnect switch (if required) of the Facility at all times.

**6. Disconnection:** HMLP may temporarily disconnect the Facility to facilitate planned or emergency Company work.

**7. Metering and Billing:** All Facilities approved under this Agreement qualify for net metering, as approved by HMLP from time to time, and the following is necessary to implement the net metering provisions:

**7.1. Interconnecting Customer Provides Meter Socket:** The Interconnecting Customer shall furnish and install, if not already in place, the necessary meter socket(s) and wiring in accordance with accepted electrical standards, and HMLP one-line diagram for Interconnecting Facilities.

**7.2. HMLP Installs Meter:** HMLP shall furnish and install a meter capable of net metering upon successful completion of the witness testing.



**8. Indemnification:** Interconnecting Customer and HMLP shall each indemnify, defend and hold the other, its directors, officers, employees and agents (including, but not limited to, Affiliates and contractors and their employees), harmless from and against all liabilities, damages, losses, penalties, claims, demands, suits and proceedings of any nature whatsoever for personal injury (including death) or property damages to unaffiliated third parties that arise out of, or are in any manner connected with, the performance of this Agreement by that party, except to the extent that such injury or damages to unaffiliated third parties may be attributable to the negligence or willful misconduct of the party seeking indemnification.

**9. Limitation of Liability:** Each party's liability to the other party for any loss, cost, claim, injury, liability, or expense, including reasonable attorney's fees, relating to or arising from any act or omission in its performance of this Agreement, shall be limited to the amount of direct damage actually incurred. In no event shall either party be liable to the other party for any indirect, incidental, special, consequential, or punitive damages of any kind whatsoever.

**10. Termination.** This Agreement may be terminated under the following conditions:

**10.1. By Mutual Agreement:** The Parties agree in writing to terminate the Agreement.

**10.2. By Interconnecting Customer:** The Interconnecting Customer may terminate this Agreement by providing written notice to HMLP.

**10.3. By HMLP.** HMLP may terminate this Agreement (1) if the Facility fails to operate for any consecutive 12 month period, or (2) in the event that the Facility impairs the operation of the electric distribution system or service to other customers or materially impairs the local circuit and the Interconnecting Customer does not cure the impairment.

**11. Assignment/Transfer of Ownership of the Facility:** This Agreement shall survive the transfer of ownership of the Facility to a new owner when the new owner agrees in writing to comply with the terms of this Agreement and so notifies HMLP.

**12. Interconnection Tariff:** These Terms and Conditions are pursuant to the HMLP Tariff for the Interconnection of Interconnecting Customer-Owned Generating Facilities, as approved by the HMLP Light Board, and as the same may be amended from time to time ("Net Metering Rate"). All defined terms set forth in these Terms and Conditions are as defined in the Net Metering Rate, (see Company's website for complete rate).



**ATTACHMENT 2  
CERTIFICATE OF COMPLETION SIMPLIFIED PROCESS INTERCONNECTION**

**Installation Information [ ] Check if owner-installed**

Interconnecting Customer: \_\_\_\_\_

Location of Facility: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Telephone

(Daytime): \_\_\_\_\_ (Evening): \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

**Electrician:**

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

Mailing

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

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Telephone

(Daytime): \_\_\_\_\_ (Evening): \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

License

number: \_\_\_\_\_

Date Approval of Install Facility granted by HHMLP: \_\_\_\_\_

Application ID number: \_\_\_\_\_

**Inspection:**

The system has been installed and inspected and is in compliance with the HMLP requirements and One-Line Diagram for Interconnection Facilities.

Name (printed): \_\_\_\_\_ Date: \_\_\_\_\_

Signature: \_\_\_\_\_