

40.25.12 APPENDIX 12 TO ATTACHMENT HH

APPLICATION, PROCEDURES, AND TERMS AND CONDITIONS FOR INTERCONNECTING A CERTIFIED INVERTER-BASED GENERATING FACILITY NO LARGER THAN 10 KW (“10 KW INVERTER PROCESS”)

- 1.0 The Interconnection Customer (“Customer”) completes the Interconnection Request (“Application”) and submits it to the ISO. The ISO will send a copy to the Connecting Transmission Owner.
- 2.0 The ISO acknowledges to the Customer receipt of the Application within three Business Days of receipt.
- 3.0 The ISO, in consultation with the Connecting Transmission Owner, evaluates the Application for completeness and notifies the Customer within ten Business Days of receipt that the Application is or is not complete and, if not, advises what material is missing.
- 4.0 The ISO, in consultation with the Connecting Transmission Owner, verifies that the Generating Facility can be interconnected safely and reliably using the screens contained in the Fast Track Process in the SGIP. The ISO has 15 Business Days to complete this process. Unless the ISO, in consultation with the Connecting Transmission Owner, determines and demonstrates that the Generating Facility cannot be interconnected safely and reliably, the ISO approves the Application and returns it to the Customer, with a copy to the Connecting Transmission Owner. Note to Customer: Please check with the ISO before submitting the Application if disconnection equipment is required.
- 5.0 After installation, the Customer returns the Certificate of Completion to the ISO and sends a copy to the Connecting Transmission Owner. Prior to parallel operation, the ISO, in consultation with the Connecting Transmission Owner, may inspect the Generating Facility for compliance with standards which may include a Connecting Transmission Owner witness test, and may schedule appropriate metering replacement, if necessary. The Customer shall cooperate with the ISO and the Connecting Transmission Owner to assure that the required inspection, witness test and/or metering replacement are completed within the timeframes outlined below.
- 6.0 The ISO notifies the Customer in writing that interconnection of the Generating Facility is authorized. If the witness test is not satisfactory, the Connecting Transmission Owner has the right to disconnect the Generating Facility. The Customer has no right to operate in parallel until a witness test has been performed, or previously waived on the Application. The Connecting Transmission Owner is obligated to complete this witness test within ten Business Days of the receipt of the Certificate of Completion, unless the Connecting Transmission Owner and Customer agree otherwise. If the Connecting Transmission Owner does not inspect within ten Business Days or by mutual agreement of the Parties, the witness test is deemed waived.
- 7.0 Contact Information – The Customer must provide the contact information for the legal applicant (i.e., the Customer). If another entity is responsible for interfacing with the ISO

and Connecting Transmission Owner, that contact information must be provided on the Application.

- 8.0 Ownership Information – Enter the legal names of the owner(s) of the Generating Facility. Include the percentage ownership (if any) by any utility or public utility holding company, or by any entity owned by either.
- 9.0 UL1741 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 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.
- 10.0 The ISO is available to help resolve any disputes that may arise out of the proposed interconnection, in accordance with the procedures set forth in Section 40.24.5 of Attachment HH to the ISO OATT.

APPLICATION FOR INTERCONNECTING A CERTIFIED INVERTER-BASED GENERATING FACILITY NO LARGER THAN 10KW

This Application is considered complete when it provides all applicable and correct information required below. Per Section 40.5.5.1.5 of Attachment HH, documentation of Site Control must be submitted with the Interconnection Request. Additional information to evaluate the Application may be required.

Processing Fee

A non-refundable processing fee of \$100 must accompany this Application.

Interconnection Customer

Name of Interconnection Customer: _____

Address: _____

City: _____ State: _____ Zip: _____

Telephone: _____

E-Mail Address: _____

Point of Contact

Name: _____

Company: _____

Address: _____

City: _____ State: _____ Zip: _____

Telephone: _____

E-Mail Address: _____

Owner of the Facility (include % ownership by any electric utility): _____

Generating Facility Information

Location (if different from above): _____

Electric Service Company: _____

Account Number: _____

Inverter Manufacturer: _____ Model _____

Nameplate Rating: _____ (kW) _____ (kVA) _____ (AC Volts)

Single Phase _____ Three Phase _____

System Design Capacity: _____ (kW) _____ (kVA)

Customer-Site Load: _____ MW (if none, so state)

Existing load? Yes ___ No ___

If existing load with metered load data, provide coincident Summer peak load: _____

If new load or existing load without metered load data, provide estimated coincident Summer peak load: _____

Prime Mover: Photovoltaic ☐ Reciprocating Engine ☐ Fuel Cell ☐

Turbine ☐ Other _____

Energy Source: Solar ☐ Wind ☐ Hydro ☐ Diesel ☐ Natural Gas ☐

Fuel Oil ☐ Other (describe) _____

Is the equipment UL1741 Listed? Yes ___ No ___

If Yes, attach manufacturer's cut-sheet showing UL1741 listing

Estimated Installation Date: _____ Estimated Initial Backfeed Date: _____

The 10kW Inverter Process is available only for inverter-based Generating Facilities no larger than 10kW that meet the codes, standards, and certification requirements of Appendices 10 and 11 of Attachment H to the ISO OATT, or the ISO, in consultation with the Connecting Transmission Owner, has reviewed the design or tested the proposed Generating Facility and is satisfied that it is safe to operate. If the review or testing raises safety issues, the Generating Facility will not be allowed to commence parallel operation until the issues are resolved.

List components of the Generating Facility equipment package that are currently certified:

Equipment Type	Certifying Entity
1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____
5. _____	_____

Interconnection Customer Signature

I hereby certify that, to the best of my knowledge, the information provided in this Application is true. I agree to abide by the Terms and Conditions for Interconnecting an Inverter-Based Generating Facility No Larger than 10kW and return the Certificate of Completion when the Generating Facility has been installed.

Signed: _____

Title: _____ Date: _____

Contingent Approval to Interconnect the Generating Facility

(For ISO and Connecting Transmission Owner use only)

Interconnection of the Generating Facility is approved contingent upon the Terms and Conditions for Interconnecting an Inverter-Based Generating Facility No Larger than 10kW and return of the Certificate of Completion.

Connecting Transmission Owner Signature:

Title: _____ Date: _____

Connecting Transmission Owner waives inspection/witness test Yes___ No___

ISO Signature: _____

Title: _____ Date: _____

Generating Facility Certificate of Completion

Is the Generating Facility owner-installed? Yes_____ No _____

Interconnection Customer: _____

Contact Person: _____

Address: _____

Location of the Generating Facility (if different from above):

City: _____ State: _____ Zip Code: _____

Telephone: _____

E-Mail Address: _____

Electrician:

Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Telephone: _____

E-Mail Address: _____

License number: _____

Date Approval to Install Facility granted by the Connecting Transmission Owner:

Inspection:

The Generating Facility has been installed and inspected in compliance with the local
building/electrical code of _____

Signed (Local electrical wiring inspector, or attach signed electrical inspection):

Print Name: _____

Date: _____

As a condition of interconnection, you are required to send a copy of this form along with
a copy of the signed electrical permit to the ISO and the Connecting Transmission Owner (insert
contact information below):

Name: _____

NYISO: _____

Address: _____

City, State ZIP: _____

E-mail: _____

Name: _____

Connecting Transmission Owner: _____

Address: _____

City, State ZIP: _____

E-mail: _____

Approval to Energize the Generating Facility (For ISO and Connecting Transmission Owner use only)

Energizing the Generating Facility is approved contingent upon the Terms and Conditions for Interconnecting an Inverter-Based Generating Facility No Larger than 10kW

ISO Signature: _____

Title: _____ Date: _____

Connecting Transmission Owner Signature: _____

Title: _____ Date: _____

TERMS AND CONDITIONS FOR INTERCONNECTING AN INVERTER-BASED GENERATING FACILITY NO LARGER THAN 10KW ("TERMS AND CONDITIONS")

1.0 Construction of the Facility

The Interconnection Customer (the "Customer") may proceed to construct (including operational testing not to exceed two hours) the Generating Facility when the ISO approves the Interconnection Request (the "Application") and returns it to the Customer.

2.0 Interconnection and Operation

The Customer may operate Generating Facility and interconnect with the Connecting Transmission Owner's Distribution System once all of the following have occurred:

- 2.1 Upon completing construction, the Customer will cause the Generating Facility to be inspected or otherwise certified by the appropriate local electrical wiring inspector with jurisdiction, and
- 2.2 The Customer returns the Certificate of Completion to the ISO and the Connecting Transmission Owner, and
- 2.3 The Connecting Transmission Owner has either:
 - 2.3.1 Completed its inspection of the Generating Facility to ensure that all equipment has been appropriately installed and that all electrical connections have been made in accordance with applicable codes. All inspections must be conducted by the Connecting Transmission Owner, at its own expense, within ten Business Days (unless the Parties agree otherwise) after receipt of the Certificate of Completion and shall take place at a time agreeable to the Parties. The Connecting Transmission Owner shall provide a written statement that the Generating Facility has passed inspection or shall notify the Customer of what steps it must take to pass inspection as soon as practicable after the inspection takes place; or
 - 2.3.2 If the Connecting Transmission Owner does not schedule an inspection of the Generating Facility within ten business days after receiving the Certificate of Completion, the witness test is deemed waived (unless the Parties agree otherwise), unless the Interconnection Customer has not provided a reasonable opportunity for such inspection; or
 - 2.3.3 The Connecting Transmission Owner waives the right to inspect the Generating Facility.
- 2.4 The Connecting Transmission Owner has the right to disconnect the Generating Facility in the event of improper installation or failure to return the Certificate of Completion.

2.5 Revenue quality metering equipment must be installed and tested in accordance with applicable ANSI standards.

3.0 **Safe Operations and Maintenance**

The Customer shall be fully responsible to operate, maintain, and repair the Generating Facility as required to ensure that it complies at all times with the interconnection standards to which it has been certified.

4.0 **Access**

The Connecting Transmission Owner shall have access to the disconnect switch (if the disconnect switch is required) and metering equipment of the Generating Facility at all times. The Connecting Transmission Owner shall provide reasonable notice to the Customer when possible prior to using its right of access.

5.0 **Disconnection**

The Connecting Transmission Owner may temporarily disconnect the Generating Facility upon the following conditions, until the conditions no longer exist:

5.1 For scheduled outages upon reasonable notice.

5.2 For unscheduled outages or emergency conditions.

5.3 If the Generating Facility does not operate in the manner consistent with these Terms and Conditions, the ISO OATT and Applicable Reliability Requirements.

5.4 The Connecting Transmission Owner shall inform the Customer in advance of any scheduled disconnection, or as is reasonable after an unscheduled disconnection.

6.0 **Indemnification**

The Parties shall at all times indemnify, defend, and save the other Parties harmless from, any and all damages, losses, claims, including claims and actions relating to injury to or death of any person or damage to property, demand, suits, recoveries, costs and expenses, court costs, attorney fees, and all other obligations by or to third parties, arising out of or resulting from the indemnified Party's action or inactions of its obligations under this agreement on behalf of the indemnifying Party, except in cases of gross negligence or intentional wrongdoing by the indemnified Party.

7.0 **Insurance**

The Interconnection Customer and Connecting Transmission Owner shall each follow all applicable insurance requirements imposed by New York State. All insurance policies must be maintained with insurers authorized to do business in New York State, and all policies must be in place ten Business Days prior to the operation of the Inverter-Based Generating Facility. The Interconnection Customer and Connecting Transmission Owner shall notify each other whenever an accident or incident recurs that is covered by such insurance, whether or not such coverage is sought. The Interconnection Customer's insurance requirements shall be specified in an attachment to these Terms and Conditions.

8.0 **Limitation of Liability**

Each Party's liability to the other Parties 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 any Party be liable to any other Parties for any indirect, incidental, special, consequential, or punitive damages of any kind whatsoever, except as allowed under paragraph 6.0.

9.0 **Termination**

The agreement to operate in parallel shall become effective when executed by the Parties and shall continue in effect until _____. The agreement may be terminated earlier under the following conditions:

9.1 **By the Customer**

By providing written notice to the NYISO and the Connecting Transmission Owner.

9.2 **By the ISO and the Connecting Transmission Owner**

If the Generating Facility fails to operate for any consecutive 12 month period or the Customer fails to remedy a violation of these Terms and Conditions.

9.3 **Permanent Disconnection**

In the event this Agreement is terminated, the Connecting Transmission Owner shall have the right to disconnect its facilities or direct the Customer to disconnect its Generating Facility.

9.4 **Survival Rights**

This Agreement shall continue in effect after termination to the extent necessary to allow or require any Party to fulfill rights or obligations that arose under the Agreement.

10.0 **Assignment/Transfer of Ownership of the Generating Facility**

This Agreement shall survive the transfer of ownership of the Generating Facility to a new owner when the new owner agrees in writing to comply with the terms of this Agreement and so notifies the NYISO and the Connecting Transmission Owner.

Interconnection Customer:

Connecting Transmission Owner:

By: _____

By: _____

Name: _____

Name: _____

Date: _____

Date: _____

New York Independent System Operator, Inc.

By: _____

Name: _____

Date: _____