



DE 14-080

Knollwood Energy of MA LLC
P.O. Box 30
Chester, New Jersey 07930

NHPUC 27MAY21PM12:29

May 22, 2014

Debra A. Howland
Executive Director
New Hampshire Public Utilities Commission
21 South Fruit Street, Suite 10
Concord, NH 03301-2429

Dear Ms Howland,

Enclosed please find the updated Simplified Process Interconnection Application and Service Agreement for DE 14-080 Watts. The application has already been approved; this completes the request for additional documentation.

Customer and Facility Information

Dan Watts
530 Newmarket Rd.
Warner, NH 03278
603-456-2041
dwatts@dimentech.com

Please do not hesitate to contact me if you have any questions regarding this application.

Thank you for your consideration,

Alane Lakritz

Alane Lakritz
President
Knollwood Energy of MA LLC
862-432-0259
908-955-0593 (fax)
Alane@KnollwoodEnergy.com

Enclosures (3)

APPLICATION
UPDATE TO
N2096
WATTS PV

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
INTERCONNECTION STANDARDS FOR INVERTERS
SIZED UP TO 100 KVA

Simplified Process Interconnection Application and Service Agreement

Date Prepared: 4-24-14

Contact Information:

Legal Name and Address of Interconnecting Customer (or, Company name, if appropriate)

Customer or Company Name (print): MARY WATTS

Contact Person, if Company: _____

Mailing Address: 530 NEWMARKET RD

City: WARNER State: NH Zip Code: 03278-4111

Telephone (Daytime): 603 456-2041 (Evening): _____

Facsimile Number: _____ E-Mail Address: OWATTS.DEMENTECH.COM

Alternative Contact Information (e.g., System installation contractor or coordinating company, if appropriate):

Name: GRO SOLAR

Mailing Address: 205 BILINGS FARM RD

City: WHITE RIVER JCT State: VT Zip Code: 05001

Telephone (Daytime): 802 299 5668 (Evening): _____

Facsimile Number: _____ E-Mail Address: ROD.VIENSC@GROSOLAR.COM

Electrical Contractor Contact Information (if appropriate):

Name: MED. VERMONT ELECTRIC - SIMON BRADFORD

Mailing Address: PO BOX 130

City: SOUTH ROYALTON State: VT Zip Code: 05268

Telephone (Daytime): 802-763-2998 (Evening): _____

Facsimile Number: _____ E-Mail Address: _____

Facility Site Information:

Facility (Site) Address: 530 NEWMARKET RD

City: WARNER State: NH Zip Code: 03278

Electric

Service Company: PSNH Account Number: 56363541012 Meter Number: 6067500717

Non-Default' Service Customers Only:

Competitive Electric

Energy Supply Company: _____ Account Number: _____

(Customer's with a Competitive Energy Supply Company should verify the Terms & Conditions of their contract with their Energy Supply Company.)

Facility Machine Information:

Generator/ Model Name &

Inverter Manufacturer: SMA ✓ Number: SB 3000 ✓ Quantity: 2 ✓

Nameplate Rating: 3000 (kW) (kVA) 9.92 (AC Volts) 240 Phase: Single Three

System Design Capacity: 6150 (kW) 9.92 (kVA) Battery Backup: Yes No

Net Metering: If Renewably Fueled, will the account be Net Metered? Yes No

Prime Mover: Photovoltaic Reciprocating Engine Fuel Cell Turbine Other _____

Energy Source: Solar Wind Hydro Diesel Natural Gas Fuel Oil Other _____

6.0 KW
AC

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
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Inverter-based Generating Facilities:

UL 1741 / IEEE 1547.1 Compliant (Refer To Part Puc 906 Compliance Path For Inverter Units, Part Puc 906.01 Inverter Requirements)
✓ Yes No

The standard UL 1741.1 dated May, 2007 or later, "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 UL 1741.1. This term "Listed" is then marked on the equipment and supporting documentation. *Please include, any documentation provided by the inverter manufacturer describing the inverter's UL 1741/IEEE 1547.1 listing.*

External Manual Disconnect Switch:

An External Manual Disconnect Switch shall be installed in accordance with 'Part Puc 905 Technical Requirements For Interconnections For Facilities, Puc 905.01 Requirements For Disconnect Switches and 905.02 Disconnect Switch.'

✓ Yes No

Location of External Manual Disconnect Switch: Base of left-most pole

Project Estimated Install Date: INSTALLED Inverter upgraded date: 4-1-2010
Project Estimated In-Service Date: 4-1-2010

Panel upgraded to 6.15kW date: 12/01/09

Interconnecting Customer Signature:

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 for Simplified Process Interconnections attached hereto:

Customer Signature: [Signature] Title: Homeowner Date: 4/28/14

Please include, a one-line and/or three-line drawing of proposed installation

For PSNH Use Only

Approval to Install Facility:

Installation of the Facility is approved contingent upon the Terms and Conditions For Simplified Process Interconnections of this Agreement, and agreement to any system modifications, if required.

Are system modifications required? Yes No To be Determined

Company Signature: [Signature] Title: SR. ENGINEER Date: 5-5-14

PSNH Application Project ID#: _____

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
INTERCONNECTION STANDARDS FOR INVERTERS
SIZED UP TO 100 KVA

Terms and Conditions for Simplified Process Interconnections

Company waives inspection/Witness Test: Yes No

Date of inspection/Witness Test: _____

1. **Construction of the Facility.** The Interconnecting Customer may proceed to construct the Facility in compliance with the specifications of its Application once the Approval to Install the Facility has been signed by the Company.
2. **Interconnection and operation.** The Interconnecting Customer may operate Facility and interconnect with the Company's system once the all of 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 local electrical wiring inspector with jurisdiction.
 - 2.2. **Certificate of Completion.** The Interconnecting Customer returns the Certificate of Completion to the Agreement to the Company at address noted.
 - 2.3. **Company has completed or waived the right to inspection.**
3. **Company Right of Inspection.** The Company will make every attempt within ten (10) business days after receipt of the Certificate of Completion, and 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 Interconnection Standard. The Company has the right to disconnect the Facility in the event of improper installation or failure to return Certificate of Completion. All projects larger than 10 kVA will be witness tested, unless waived by the Company.
4. **Safe Operations and Maintenance.** The Interconnecting Customer shall be fully responsible to operate, maintain, and repair the Facility.
5. **Disconnection.** The Company may temporarily disconnect the Facility to facilitate planned or emergency Company work.
6. **Metering and Billing.** All renewable Facilities approved under this Agreement that qualify for net metering, as approved by the Commission from time to time, and the following is necessary to implement the net metering provisions:
 - 6.1. **Interconnecting Customer Provides:** The Interconnecting Customer shall furnish and install, if not already in place, the necessary meter socket and wiring in accordance with accepted electrical standards. In some cases the Interconnecting Customer may be required to install a separate telephone line.
 - 6.2. **Company Installs Meter.** The Company will make every attempt to furnish and install a meter capable of net metering within ten (10) business days after receipt of the Certificate of Completion if inspection is waived, or within 10 business days after the inspection is completed, if such meter is not already in place.
7. **Indemnification.** Interconnecting Customer and Company 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.
8. **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.
9. **Termination.** This Agreement may be terminated under the following conditions:
 - 9.1. **By Mutual Agreement.** The Parties agree in writing to terminate the Agreement.
 - 9.2. **By Interconnecting Customer.** The Interconnecting Customer may terminate this Agreement by providing written notice to Company.
 - 9.3. **By Company.** The Company 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 or, in the good faith judgment of the Company, may imminently impair 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.
10. **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 the Company.
11. **Interconnection Standard.** These Terms and Conditions are pursuant to the Company's "Interconnection Standards for Inverters Sized Up to 100 kVA" for the Interconnection of Customer-Owned Generating Facilities, as approved by the Commission and as the same may be amended from time to time ("Interconnection Standard"). All defined terms set forth in these Terms and Conditions are as defined in the Interconnection Standard (see Company's website for the complete document).