

NH Public Utilities Commission

NHPUC 26FEB16PM9:11

REC Aggregator Portal

New Users [CLICK HERE](#) to setup your account for this form. Creating an account enables you to partially complete the form and return later to finish it or to make changes after the form is submitted. Be sure to create your account **BEFORE** entering information into the form, or the information will be lost.

Existing Users [CLICK HERE](#)

Basic Information

Who is submitting this request?

Aggregator Batch Number

Are you registered in NH

Yes

No

Aggregator name

NH Reg #

Aggregator Email

Other Aggregator name

Other aggregator email address

Facility Owner Name

Facility Owner email

Owner Phone

603-942-7573

Facility Address

340 Bow Lake Road

Facility Town/City

Northwood

Facility State

NH

Facility Zip

03261

Is the facility address the same as the owner's mailing address

- Yes
 No

Mailing Address

Mailing Town/City

Mailing State

Mailing Zip

Primary Contact

Karen T

Primary Contact

Other Email Address

alane@knollwoodenergy.com

Facility Information

Class

II

Utility

PSNH

Other Utility Name

To obtain a GIS ID contact:

James Webb

408 517 2174

jwebb@apx.com

GIS ID (include "NON")

NON71372

Date of Initial Operation

05/29/2015

Facility Operator Name, if applicable

Panel Quantity

20

Panel Make

Canadian Solar

Panel Model

Other

Panel Rated Output

240

System capacity based on panels

4800

Inverter Quantity

1

Inverter Make

SMA

Add'l Inverter Quantity

NA

Additional Inverter Make

None

Rated Output - Primary Inverter

5

Rated Output - Additional Inverter

System capacity based on single inverter make

5

System capacity based on two inverter types

System capacity in kW as stated on the interconnection agreement

Revenue Grade Meter Make

Sangamo

Was this facility installed directly by the customer (no electrician involved)?

- Yes
 No

Electrician Name & Number

Other

Other Electrician Name & Number

Megan Ulin #13139M

Installation Company

ReVision Energy

Other Installation Company Name

Other Inst. Company Address

Other Inst. Company City

Other Inst. Company State

Other Inst. Company Zip

Independent Monitor Name & Company

Other Monitor Name and Company

Is the installer also the equipment supplier?

- Yes
 No

Equipment Vendor

Please attach your completed interconnection agreement including Exhibit B.

The project described in this application will meet the metering requirements of PUC 2506 including:

Electricity generation in megawatt hours shall be reported to the GIS quarterly with a statement that the submission is accurate by the owner of the source, the independent monitor or a designated representative.

A revenue quality meter is used to measure the electricity generated.

The facility owner has certified to the independent monitor that the meter operates according to manufacturing standards.

The meter shall be maintained according to the manufacturer's recommendations.

The project is installed and operating in conformance with applicable building codes.

A copy of the facility's interconnection agreement is attached.

Please attach additional document here

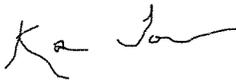
https://fs30.formsite.com/jan1947/files/f-5-168-6138384_edjv60L8_N2510_Bittner_PV_-_Processed_A

Please attach additional document here

https://fs30.formsite.com/jan1947/files/f-5-173-6138384_Z2nnYoBT_Bittner_NHOS.pdf

Aggregator statement of accuracy

Sign your name using a mouse or, if you are using a touch-screen device, a stylus or other pointer.



Print Name

Karen Tonnesen

Date Signed

02/24/2016

New Hampshire PUC REC Certification Application Owner Statements

The information provided on this application for New Hampshire Renewable Energy Certificate eligibility is accurate to the best of my knowledge and I authorize Knollwood Energy to act on my behalf in filing said application.

The project described in this application will meet the metering requirements of PUC 2506 including:

Electricity generation in megawatt hours shall be reported to the GIS quarterly with a statement that the submission is accurate by the owner of the source, the independent monitor, or a designated representative.

A revenue quality meter is used to measure the electricity generated.

The facility owner has certified to the independent monitor that the meter operates according to manufacturing standards.

The meter shall be maintained according to the manufacturer's recommendations.

The project is installed and operating in conformance with applicable building codes.

A copy of the facility's interconnection agreement is attached.

Hubert R Bittner

Printed Name of signature owner

Hubert R Bittner
Hubert R Bittner (Feb 9, 2016)

Signature of system owner

RECEIVED

MAY 29 2012

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

SESD

Exhibit B - Certificate of Completion for Simplified Process Interconnections

Installation Information:

Check if owner-installed

Customer or Company Name (print): Hubert Bittner
Contact Person, if Company: _____
Mailing Address: 340 Bow Lake Rd
City: Northwood State: NH Zip Code: 03261
Telephone (Daytime): 603-942-7573 (Evening): _____
Facsimile Number: _____ E-Mail Address: HRBITT39@HSN.COM

Address of Facility (if different from above): _____
City: _____ State: _____ Zip Code: _____

Generation Vendor: Rev.3ion Energy Contact Person: Heather Fournier
I hereby certify that the system hardware is in compliance with Puc 900.

Vendor Signature: [Signature] Date: 5/25/12

Electrical Contractor's Name (if appropriate): William LeVay
Mailing Address: 7 Commercial Dr
City: Exeter State: NH Zip Code: 03833
Telephone (Daytime): 603-501-1822 (Evening): _____
Facsimile Number: _____ E-Mail Address: heather@rev3ionenergy.com
License number: 13139 M

Date of approval to install Facility granted by the Company: 5/22/12 Installation Date: _____
Application ID number: # N2510

Inspection:

The system has been installed and inspected in compliance with the local Building/Electrical Code of
Northwood Rockingham
(City/County)

Signed (Local Electrical Wiring Inspector, or attach signed electrical inspection): [Signature]

Name (printed): Donald Gardner
Date: 5/24/12

Customer Certification:

I hereby certify that, to the best of my knowledge, all the information contained in this Interconnection Notice is true and correct. This system has been installed and shall be operated in compliance with applicable electrical standards. Also, the initial start up test required by Puc 900.04 has been successfully completed.

Customer Signature: [Signature] Date: 5/24/12

RECEIVED

MAY 16 2012

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

SESD

Simplified Process Interconnection Application and Service Agreement

Contact Information:

Date Prepared: 5/14/12

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

Customer or Company Name (print): HUBERT R. BITTNER

Contact Person, if Company:

Mailing Address: 340 BOW LAKE RD

City: NORTHWOOD State: NH Zip Code: 03201

Telephone (Daytime): 603 942 7573 (Evening): 603 942 7573

Facsimile Number: E-Mail Address: HRBITT39@HSN.COM

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

Name: REVISION Energy

Mailing Address: 7 Commercial Dr

City: exeter State: NH Zip Code: 03833

Telephone (Daytime): 603-901-1822 (Evening):

Facsimile Number: E-Mail Address: kweather@revisionenergy.com

Electrical Contractor Contact Information (if appropriate):

Name: Telephone:

Mailing Address:

City: State: Zip Code:

Facility Information:

Address of Facility: 340 Bow Lake Rd

City: Northwood State: NH Zip Code: 03201

Electric Service Company: PSNH Account Number: 56396551095 Meter Number: S 81578482

Electricity Supply Company: Account Number:

Generator/Inverter Manufacturer: SMA Model Name and Number: 5000US Quantity: 1

Nameplate Rating: 5 (kW) (kVA) (AC Volts) Single or Three Phase

System Design Capacity: (kVA) (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

UL 1741.1 (IEEE 1547.1) Listed? Yes No External Manual Disconnect: Yes (No)

Estimated Install Date: June 12 Estimated In-Service Date: July 12

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 on the following page:

Customer Signature: H.R. Bittner Title: Date: 5/14/12

Please attach any documentation provided by the inverter manufacturer describing the inverter's UL 1741 listing.

Approval to Install Facility (For Company 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 To be Determined)

Company Signature: Michael Motta Title: SR. ENGINEER Date: 5-22-12

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

Terms and Conditions for Simplified Process Interconnections

PSNH waives inspection/Witness Test: Yes No Date of inspection/Witness Test: _____ Witness Test Waived

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).