



KNOLLWOOD ENERGY

REC 16-214

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

January 22, 2016

NHPUC 26 JAN 16 AM 11:55

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 applications for 12 systems to be part of the Knollwood Energy of MA LLC (NH-II-13-089) Class II Photovoltaic aggregation for New Hampshire Renewable Energy Certificates (RECs) generated from customer-sited sources, pursuant to New Hampshire Code of Administrative Rules Puc 2506.

Also enclosed are the Simplified Process Interconnection Application and Service Agreement, and the Certificate of Completion.

Electronic versions have been entered into the new online application system under batch number KN16009.

Barrington Power DUUF	Johanna Publow
Resource Management/Marty Riehs	Bill Radzelovage
Sean Carter	Malcom Sandberg
Mike Conroy	Theresa Tarsa
Tom Noonan/Judy Stewart	Jamie Troon
Craig Putnam	Richard Vass

Please feel free to contact me with any questions or further instructions.
Thank you for your consideration,

Linda Modica
New England REC Operations Manager
Knollwood Energy of MA LLC
973.879.7826
linda@knollwoodenergy.com

NH Public Utilities Commission

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

Aggregator Batch Number

KN16010

Aggregator name

Knollwood Energy

Aggregator Email

linda@knollwoodenergy.com

Other Aggregator name

Other aggregator email address

Facility Owner Name

Richard Vass

Facility Owner email

rsvass@comcast.net

Owner Phone

603-883-3143

Facility Address

2 Briarwood Ln

Facility Town/City

Litchfield

Facility State

NH

Facility Zip

03052

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 (who should we call with questions)

Linda Modica

Contact Phone

Other Email Address

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")

NON59116

Date of Initial Operation

08/06/2015

Facility Operator Name, if applicable

Panel Quantity

39

Panel Make

Trina Solar

Panel Model

250

Panel Rated Output

250

System capacity based on panels

0.0975

Inverter Quantity

39

Inverter Make

Enphase Energy

Add'l Inverter Quantity

NA

Additional Inverter Make

None

Add'l Inverter Model

Rated Output - Primary Inverter

Rated Output - Additional Inverter

System capacity based on single inverter make

System capacity based on two inverter types

System capacity in mW as stated on the interconnection agreement

Revenue Grade Meter Make

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

- Yes
- No

Electrician Name & Number

Other Electrician Name & Number

Installation Company

Other Installation Company Name

Other Inst. Company Address

Other Inst. Company City

Other Inst. Company State

Other Inst. Company Zip

Independent Monitor Name & Company

Paul Button - Energy Audits Unlimited

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.

https://fs30.formsite.com/jan1947/files/f-5-99-5945861_ha2Ei5H5_Vaas_SPIA.pdf

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-5-168-5945861_IMama3Gr_Vaas_COC.pdf

Please attach additional document here

https://fs30.formsite.com/jan1947/files/f-5-173-5945861_xteQUyj8_Vass_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

Linda Modica

Date Signed

01/22/2016

RECEIVED

JUN 17 2015

Eversource Project ID

N3583

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

Simplified Process Interconnection Application and Service Agreement

SESD

Date Prepared: 04/24/2015

Contact Information:

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

Customer or Company Name (print): Suzanne Vass

Contact Person, if Company: N/A

Mailing Address: 2 Briarwood LN.

City: Litchfield State: NH Zip Code: 03052-2457

Telephone (Daytime): (603) 883-3143 (Evening): (603) 883-3143

Facsimile Number: N/A E-Mail Address: rsvass@comcast.net

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

Name: Alteris Renewables DBA RGS Energy

Mailing Address: 32 Taugwonk Spur A12

City: Stonington State: CT Zip Code: 06378

Telephone (Daytime): 860-535-9495 (Evening): N/A

Facsimile Number: N/A E-Mail Address: ecincentives@realgoods.com

Electrical Contractor Contact Information (if appropriate):

Name: Craig Reekie

Mailing Address: 32 Taugwonk Spur A12

City: Stonington State: CT Zip Code: 06378

Telephone (Daytime): 860-535-9495 (Evening): N/A

Facsimile Number: N/A E-Mail Address: ecincentives@realgoods.com

Facility Site Information:

Facility (Site) Address: 2 Briarwood LN.

City: Litchfield State: NH Zip Code: 03052

Electric

Service Company: PSNH Account Number: 56182341016 Meter Number: 570939618

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: Enphase Energy Number: M215-60-2LL-522-IG Quantity: 39

Nameplate Rating: 285.215 (kW) N/A (kVA) 240 (AC Volts) N/A Phase: Single Three

System Design Capacity: 905.6345 (kW) N/A (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 _____

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

Simplified Process Interconnection Application and Service Agreement

Inverter-based Generating Facilities:

UL 1741 / IEBE 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: Western Exterior Wall of Home

Project Estimated Install Date: 7/22/2015

Project Estimated In-Service Date: 7/29/2015

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:

DocuSigned by:
Suzanne Vass Suzanne Vass 6/14/2015
Customer Signature: Suzanne Vass Title: Suzanne Vass Date: 6/14/2015

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

For PSNH Use Only

Approval to Install Facility:

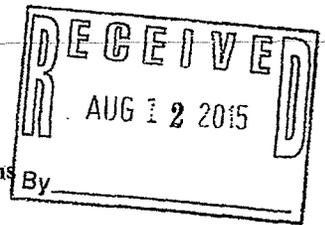
Installation of the Facility is approved contingent upon the Terms and Conditions For Simplified Process Interconnections of this Agreement, and agreement to any system modifications, if required.

Are system modifications required? Yes No To be Determined

Company Signature: [Signature] Title: Asst. Plant Engineer Date: 6/18/15

PSNH Application Project ID#: N 3583

Eversource
Interconnection Standards For Inverters Sized Up To 100 kVA
Exhibit B - Certificate of Completion for Simplified Process Interconnections



Installation Information: Check if owner-installed

Customer or Company Name (print): Vass, Suzanne

Contact Person, if Company: _____

Mailing Address: 2 Briarwood Ln

City: Litchfield State: NH Zip Code: 03052

Telephone (Daytime): (603) 883-3143 (Evening): (603) 883-3143

Facsimile Number: N/A E-Mail Address: rsvass@comcast.net

Facility Information: → Eversource Meter # S70939618

Address of Facility (if different from above): Same

City: _____ State: _____ Zip Code: _____

Electrical Contractor Contact Information:

Electrical Contractor's Name (if appropriate): Boisvert Electric

Mailing Address: _____

City: Manchester State: NH Zip Code: _____

Telephone (Daytime): 603-623-5122 (Evening): _____

Facsimile Number: _____ E-Mail Address: mike@boisvertelectric.com

License number: 7828 M

Date of approval to install Facility granted by the Company: 6/19/15

Eversource Application ID number: #N 3583

Inspection:

The system has been installed and inspected in compliance with the local Building/Electrical Code of:

City: Litchfield NH County: _____

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

Signature: Kevin Lynch

Name (printed): Kevin Lynch Date: 8/11/15

Customer Certification:

I hereby certify that, to the best of my knowledge, all information contained in this Exhibit B - Certification of Completion is true and correct. This system has been installed and shall be operated in compliance with applicable standards. Also, the initial start-up test required by Puc. 905.04 has been successfully completed.

Please remember to provide digital photos of the installation, including the AC disconnect switch (if required), the existing Eversource meter, the inverters, and the point of electrical interconnection.

Customer Signature: Suzanne M. Vass

As a condition of interconnection you are required to send/fax a copy of this form to:

Eversource
Distributed Generation
780 North Commercial Street
P. O. Box 330, Manchester, NH 03105-0330
Fax No.: (603) 634-2924

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:

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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.

Richard A. Vass Jr.

Printed Name of signature owner

Richard A. Vass Jr.
Richard A. Vass Jr. (Sep 18, 2015)

Signature of system owner