



REC 15-401

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

September 17, 2015

NHPUC 21SEP15PM3:47

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 application for the Bingham Studio system 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.

Customer and Facility Information

Bingham Studio
Jack Bingham
P.O.Box 738
Barrington, NH 03825
jack@seacoastenergy.com
603-973-9798

The new Nepool GIS ID # for this facility is: NON 53430. Also enclosed are the Simplified Process Interconnection Application and Service Agreement, Certificate of Completion and NH Owner Statements. An electronic version has been sent to executive.director@puc.nh.gov.

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

Thank you for your consideration,

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

Enclosures (3)

New Hampshire Public Utilities Commission		This section for PUC use only:			
		REC#			
Draft Class I or II REC Eligibility Application For Solar Customer-Sited Sources 100 Kilowatts Or Less					
1. Class I	<input type="checkbox"/>	Class II	<input checked="" type="checkbox"/>	GIS Facility Code	NON 53430
				2. This facility is part of an aggregation.	
				yes	no
				<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. If yes to #2., the facility is part of the Knollwood Energy of MA LLC aggregation.					
<i>To qualify as a REC eligible facility, PUC 2505.02 (b) requires the source to provide the following information:</i>					
Contact Information					
	Name	Address	City	State	ZIP
Facility Owner	Jack Bingham	289 Scruton Pond Road	Barrington	NH	3825
Phone 1	603-973-9798	Phone 2		Email	jack@seacoastenergy.com
Facility Location	<i>(If facility is named)</i>		<i>(if different than owner address)</i>		
	Jack Bingham Studio				
Mailing Address	<i>(if different than owner address and/or facility location)</i>				
		PO Box 738	Barrington	NH	03825
Application filed by:					
Business Name	Knollwood Energy of MA LLC	PO Box 30	Chester	NJ	07930
Contact	Linda Modica				
Phone 1	908-879-7826	Phone 2		Email	linda@knollwoodenergy.com
Facility Operator	<i>(complete only if a separate operator manages the facility)</i>				
Phone 1		Phone 2		Email	
Installer Company	Seacoast Energy	239 Scruton Pond Rd	Barrington	NH	03825
Installer Contact	Jack Bingham				
Phone 1	603-973-9798	Phone 2		Email	jack@seacoastenergy.com
Electrician	Jeff Newsky, Newsky Electrical Contracting	88 Littleworth Rd	Dover	NH	03820
Phone 1		License #	M8979	Email	jnewskycontracting@yahoo.com
Equipment Vendor	<i>(If not provided through the installer)</i>				
Phone 1		Phone 2		Email	
Independent Monitor (IM) Name	Paul Button			<i>To obtain a GIS Facility Code contact James Webb, Registry Administrator 408.517.2174, jwebb@apx.com</i>	
IM Company Name	EAU-NH				
Equipment Information					
	Manufacturer	Quantity	Model # (if available)	Rated Output/unit	Total Rated Capacity
Panels	Helios Solarworks	16	7T2 305	0.305	4.9 (DC)
Inverter(s)	SolarEdge	1	5000a.us	5.0	5.0 (AC)
Meter	Itron	Centron	Utility Project ID #	Initial date of operation	<i>(mm/dd/year)</i>
			N3500		7/6/15
To be completed by the owner. Aggregators may include the owner sign-off via email or letter.					
<input type="checkbox"/>	I agree The information provided on this application for New Hampshire Renewable Energy Certificate eligibility is accurate.				
The project described in this application will meet the metering requirements of Puc 2506 including:					
<input type="checkbox"/>	I agree 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 IM, or a designated representative.				
<input type="checkbox"/>	I agree A revenue quality meter is used to measure the electricity generated.				
<input type="checkbox"/>	I agree The facility owner has certified to the IM that the meter operates according to manufacturing standards.				
<input type="checkbox"/>	I agree The meter shall be maintained according to the manufacturer's recommendations.				

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.

Jack Bingham

Printed Name of signature owner



Signature of system owner

RECEIVED
MAY 26 2015
SESD

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

Simplified Process Interconnection Application and Service Agreement

PSNH Application Project ID#: N 3500

Contact Information:

Legal Name and Address of Interconnecting Customer (or, Company name, if appropriate)
Customer or Company Name (print): Jack Bingham Studio
Contact Person, if Company: Jack Bingham
Mailing Address: P.O. Box 738
City: Barrington State: NH Zip Code: 03825
Telephone (Daytime): 603-979-8788 (Evening): _____
Facsimile Number: _____ E-Mail Address: jack@seacoastenergy.com

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

Name: _____
Mailing Address: _____
City: _____ State: _____ Zip Code: _____
Telephone (Daytime): _____ (Evening): _____
Facsimile Number: _____ E-Mail Address: _____

Electrical Contractor Contact Information (if appropriate):

Name: Jeff Newsky newsky Electrical Contracting
Mailing Address: Littleworth Road
City: Dover State: NH Zip Code: 03820
Telephone (Daytime): 603-834-3298 (Evening): _____
Facsimile Number: _____ E-Mail Address: jnewsycontracting@yahoo.com

Facility Site Information:

Facility (Site) Address: 289 Scruton Pond Road ✓
City: Barrington State: NH Zip Code: 03825

Electric
Service Company: PSNH Account Number: 56 751731027 Meter Number: W01709210 ✓

Account and Meter Number: Please consult an actual PSNH electric bill and enter the correct Account Number and Meter Number on this application. If the facility is to be installed in a new location, please provide the PSNH Work Request number.

PSNH Work Request # _____

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.)

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

Simplified Process Interconnection Application and Service Agreement

Facility Machine Information:

Generator/
Inverter Manufacturer: SolarEdge ✓ Model Name &
Number: SE5000US ✓ Quantity: 1 ✓
Nameplate Rating: 5.00 ✓ (kW) 5.00 (kVA) 240 (AC Volts) Phase: Single Three

5. ASD KW
MAX AC

Nameplate Rating: The AC Nameplate rating of the individual inverter.

System Design Capacity: 5.00 (kW) 5.00 (kVA) Battery Backup: Yes No

System Design Capacity: The system total of the inverter AC ratings. If there are multiple inverters installed in the system, this is the sum of the AC nameplate ratings of all inverters.

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 _____

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 With 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: _____

Project Estimated Install Date: 6/20/15

Project Estimated In-Service Date: 6/25/15

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: _____ Title: Owner Date: 6/25/15

Please include a one-line and/or three-line diagram of proposed installation. Diagram must indicate the generator connection point in relation to the customer service panel and the PSNH meter socket. Applications without such a diagram may be returned.

For PSNH Use Only

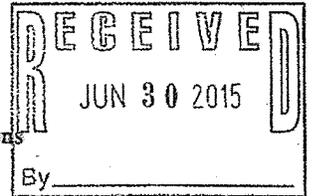
Approval to Install Facility:

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: 5/27/15

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): Jack Bingham Studio
Contact Person, if Company: Jack Bingham
Mailing Address: P.O. Box 738
City: Barrington State: NH Zip Code: 03625
Telephone (Daytime): 603-873-9788 (Evening): _____
Facsimile Number: _____ E-Mail Address: jack@seacoastenergy.com

Facility Information: → Eversource Meter # _____
Address of Facility (if different from above): _____
City: _____ State: _____ Zip Code: _____

Electrical Contractor Contact Information:
Electrical Contractor's Name (if appropriate): Jeff Newsy Newsy Electrical Contracting
Mailing Address: 88 Littleworth Road
City: Dover State: NH Zip Code: 03820
Telephone (Daytime): 603-834-3293 (Evening): _____
Facsimile Number: _____ E-Mail Address: jnewsycontracting@yahoo.com
License number: M8979

Date of approval to install Facility granted by the Company: 5/29/15
Eversource Application ID number: #N 3500

Inspection:
The system has been installed and inspected in compliance with the local Building/Electrical Code of:
City: Barrington County: Stafford
Signed (Local Electrical Wiring Inspector, or attach signed electrical inspection):
Signature: [Signature]
Name (printed): John Abbott Date: 6/30/15

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: [Signature]

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