

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

KE051916

Are you registered in NH

- Yes
 No

Aggregator name

Knollwood Energy

NH Reg #

Aggregator Email

karenton@knollwoodenergy.com

Other Aggregator name

Other aggregator email address

Facility Name

Facility Owner Name

Steven Sebastian

Facility Owner email

steve.sebastian987@gmail.com

Owner Phone

603-762-2098

Facility Address

392 Streeter Hill Road

Facility Town/City

West Chesterfield

Facility State

NH

Facility Zip

03466

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

- Yes
 No

Mailing Address

P.O. Box 61

Mailing Town/City

West Chesterfield

Mailing State

NH

Mailing Zip

03466

Primary Contact

Karen Tenneson

Primary Contact

Facility Primary Contact

karenton@knollwoodenergy.com

Other Email Address

Facility Information

Class

Utility

Other Utility Name

To obtain a GIS ID contact:

James Webb

408 517 2174

jwebb@apx.com

GIS ID (include "NON")

Date of Initial Operation

Facility Operator Name, if applicable

Panel Make #1

Panel Model

Panel Quantity

Panel Rated Output

More Panel types?

- No
- Yes

Panel Make #2

Other

Panel Model

Other

Panel Quantity

18

Panel Rated Output

250

More Panel types?

- No
- Yes

Panel Make #3

Panel Model

Panel Quantity

Panel Rated Output

System capacity based on panels

9000

Inverter Quantity

18

Inverter Make

Enphase Energy

Add'l Inverter Quantity

18

Additional Inverter Make

Enphase Energy

Rated Output - Primary Inverter

215

Rated Output - Additional Inverter

System capacity based on single inverter make

System capacity based on two inverter types

3870

System capacity in kW as stated on the interconnection agreement

13.0

Revenue Grade Meter Make

GE

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

- Yes
 No

Electrician Name & Number

Other

Other Electrician Name & Number

Harley Wiemer 2849A

Installation Company

Solar Dave LLC

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-5-99-6821426_nwd7pO16_Exhibit_B_Eversource_2016-05-16

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

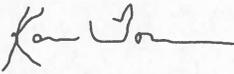
https://fs30.formsite.com/jan1947/files/f-5-168-6821426_tPa8vdY9_Steven_C._Sebastian_contract_pa

Please attach additional document here

https://fs30.formsite.com/jan1947/files/f-5-173-6821426_TTQnHu3H_N2849A_Sebastian_PV_-_Proce

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

05/19/2016

System Location Information

Site Name	Street Address	City	State	Zip Code	Facility Type (residential)	System Capacity (kW DC)	Market Sector if > 25 kW	Roof or Ground Mounted	Unit Owner First
Sebastian	392 Streeter Hill Road	West	Chester	NH	3466 Residential	4500.0000		Roof	Steven
Sebastian	392 Streeter Hill Road	West	Chester	NH	3466 Residential	4500.0000		Roof	Steven
Sebastian	Streeter Hill Road	West	Chester	NH	3466 Residential	3990.0000		Ground	Steven

12990kW
Total
System
Capacity

Production Reporter (reports to PTS - must be automatic if > 10 kW)	System Equipment In						
Production Reporter Company/Organization	Estimated Annual Production	Production Meter Manufacturer	Production Meter Model	PV Module Manufacturer	PV Module Model	Number of PV Modules	Inverter Manufacturer
.5	6000 kWh	GE	Hialeah	Sharp	ND-Q250F7	18	Enphase
.5	6000 kWh	GE	Hialeah	Sharp	ND-Q250F7	18	Enphase
.5	5320 kWh	GE	Hialeah	Solar World	SW 285 MONO	14	Enphase
	17,320 Total Estimated Annual production						
		see MA CEC's standardized list					



**installer/ve
ndor
Company**

Solar Dave
LLC

Solar Dave
LLC

Solar Dave
LLC

EVERSOURCE – NEW HAMPSHIRE
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): Steven C Sebastian

Contact Person, if Company: _____

Mailing Address: P.O. Box 61

City: West Chesterfield State: NH Zip Code: 03466

Telephone (Daytime): 603-762-2098 (Evening): 603-256-8025

Facsimile Number: 603-256-8025 E-Mail Address: steve.sebastian987@gmail.com

Facility Information: → Eversource Meter # _____

Address of Facility (if different from above): 392 Streeter Hill Road

City: West Chesterfield State: NH Zip Code: 03466

Electrical Contractor Contact Information:

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

Mailing Address: 395 Streeter Hill Road

City: West Chesterfield State: NH Zip Code: 03466

Telephone (Daytime): 603-209-5942 (Evening): 603-209-5942

Facsimile Number: _____ E-Mail Address: harleywiemers@gmail.com

License number: 8141M

Date of approval to install Facility granted by the Company: 03/02/16

Eversource Application ID number: #N 2849 A

Inspection:

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

City: Chesterfield, NH County: Cheshire

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

Signature: Frank Richter

Name (printed): Frank Richter Date: 5/16/16

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] 5/16/16

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

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



Steven Sebastian <steve.sebastian987@gmail.com>

#N2849 Sebastian PV (West Chesterfield) - Certificate of Completion Processed

1 message

katherine.roberge@nu.com <katherine.roberge@nu.com>

Tue, Apr 8, 2014 at 3:51 PM

To: steve.sebastian987@gmail.com

Cc: michael.motta@nu.com, richard.labrecque@nu.com

Dear Mr. Sebastian:

We have processed the Exhibit B - Certificate of Completion for project # N2849 Sebastian PV (West Chesterfield) located at 392 Streeter Hill Road, West Chesterfield, NH.

The Certificate of Completion has been reviewed and processed. Enrollment into the Net Metering program is complete and you may interconnect your project to the PSNH electrical distribution system in accordance with the *New Hampshire Code of Administrative Rules Chapter Puc 900 Net Metering For Customer-Owned Renewable Energy Generation Resources of 1000 Kilowatts or Less*, and the *Terms and Conditions for Simplified Process Interconnections*. Attached for your records is a copy of the "Certificate of Completion" and the "Simplified Process Interconnection Application and Service Agreement."

Please contact Michael D. Motta , Supplemental Energy Sources, at Michael.Motta@nu.com or by calling (603) 634-2920 should you have any questions or require additional information.

2 attachments **#N2849 Sebastian PV - Processed Application.pdf**
230K **#N2849 Sebastian PV - Certificate of Completion.pdf**
93K

Public Service Company Of New Hampshire
Interconnection Standards For Inverters Sized Up To 100 kVA
Exhibit B - Certificate of Completion for Simplified Process Interconnections

RECEIVED
APR 02 2014
SESD

Installation Information: Check if owner-installed

Customer or Company Name (print): STEVEN C. SEBASTIAN

Contact Person, if Company: NA

Mailing Address: P.O. BOX 61

City: WEST CHESTERFIELD State: NH Zip Code: 03466

Telephone (Daytime): 603-762-2098 (Evening): 603-256-8025

Facsimile Number: 603-256-8025 E-Mail Address: STEVE.SEABASTIAN987@GMAIL.COM

Facility Information:

Address of Facility (if different from above): 342 STREETER HILL ROAD

City: WEST CHESTERFIELD State: NH Zip Code: 03466

Electrical Contractor Contact Information:

Electrical Contractor's Name (if appropriate): WIGMERS ELECTRIC

Mailing Address: 345 STREETER HILL ROAD

City: WEST CHESTERFIELD State: NH Zip Code: 03466

Telephone (Daytime): 603-204-5942 (Evening): 603-204-5942

Facsimile Number: _____ E-Mail Address: _____

License number: 8141M

Date of approval to install Facility granted by the Company: 12-23-13

PSNH Application ID number: #N 2849 SEBASTIAN PV

Inspection:

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

City: CHESTERFIELD County: CHESHIRE

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

Signature: SEE ATTACHED INSPECTION REPORT

Name (printed): CHET GREENWOOD Date: 4/1/14

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 Psc. 905.04 has been successfully completed.

Customer Signature: [Signature]

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

Public Service Company of New Hampshire
Supplemental Energy Sources Department
780 North Commercial Street
P. O. Box 330, Manchester, NH 03105-0330
Fax No.: (603) 634-2449



TOWN OF CHESTERFIELD

P.O. BOX 175
CHESTERFIELD, NH 03443-0175
(603) 363-4624 X12

CODE ENFORCEMENT INSPECTION REPORT

PERMIT #: 13081 INSPECTION #: _____ DATE: 4/1/14 TIME: _____

OWNER: STEVEN & LAREN SEBASTIAN CONTRACTOR: OCORRELL

LOCATION: 391 STURTON HILL RD.

TYPE OF BUILDING: Residence

TYPE OF INSPECTION: Solar Electric PASSED: FAILED:

ITEMS TO CORRECT: ok For Interconnect To Service Panel

COMMENTS: _____

REINSPECTION OF CORRECTED REQUIRED: YES _____ NO _____

INSPECTOR: [Signature] FIELD COPY TO: OCORRELL

FN 2047

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

RECEIVED
DEC 20 2013

BY:.....

Simplified Process Interconnection Application and Service Agreement

Date Prepared: 12/17/13

Contact Information:

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

Customer or Company Name (print): STEVEN C. SEBASTIAN

Contact Person, if Company: NA

Mailing Address: PO BOX 61

City: WEST CHESTERFIELD State: NH Zip Code: 03466

Telephone (Daytime): 603-762-2098 (Evening): 603-256-8025

Facsimile Number: 603-256-8025 E-Mail Address: STEVE.SE Sebastian987@gmail.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: WIEMERS ELECTRIC

Mailing Address: 395 STREETER HILL RD

City: WEST CHESTERFIELD State: NH Zip Code: 03466

Telephone (Daytime): 603-209-5942 (Evening): 603-209-5942

Facsimile Number: _____ E-Mail Address: _____

Facility Site Information:

Facility (Site) Address: 392 STREETER HILL ROAD

City: WEST CHESTERFIELD State: NH Zip Code: 03466

Electric Service Company: PSNH Account Number: 56144501012 Meter Number: 77 751 222

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/ Inverter Manufacturer: ENPHASE Model Name & Number: H215 Quantity: 36

Nameplate Rating: 215 W (kW) .215 (kVA) .0009 (AC Volts) 240 Phase: Single Three

System Design Capacity: 9 (kW) .0324 (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 _____

74 kW AC

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 / 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: NEXT TO NHPS METER - EAST SIDE OF HOUSE

Project Estimated Install Date: 12/29/13 Project Estimated In-Service Date: 1/2/14

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: OWNER Date: 12/18/13

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: 12.23.13

PSNH Application Project ID#: N2849 SEBASTIAN PV

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).



Steven Sebastian <steve.sebastian987@gmail.com>

#N2849A Sebastian PV (West Chesterfield) - Authorization to Interconnect

1 message

DG@eversource.com <DG@eversource.com>

Mon, May 16, 2016 at 12:12 PM

To: steve.sebastian987@gmail.com

Cc: michael.motta@eversource.com, richard.labrecque@eversource.com, harleywiemers@gmail.com

Dear Mr. Sebastian:

We have processed the Exhibit B - Certificate of Completion for project # N2849A Sebastian PV (West Chesterfield) located at 392 Streeter Hill Road, West Chesterfield, NH.

The Certificate of Completion has been reviewed and processed. Enrollment into the Net Metering program is complete and you may interconnect your project to the Eversource electrical distribution system in accordance with the *New Hampshire Code of Administrative Rules Chapter Puc 900 Net Metering For Customer-Owned Renewable Energy Generation Resources of 1000 Kilowatts or Less*, and the *Terms and Conditions for Simplified Process Interconnections*. Attached for your records is a copy of the "Certificate of Completion" and the "Simplified Process Interconnection Application and Service Agreement."

Please contact Michael.Motta@eversource.com or by calling (603) 634-2920 should you have any questions or require additional information.

Sincerely,

Michael D. Motta
Senior Engineer, Eversource Distributed Generation

This electronic message contains information from Eversource Energy or its affiliates that may be confidential, proprietary or otherwise protected from disclosure. The information is intended to be used solely by the recipient(s) named. Any views or opinions expressed in this message are not necessarily those of Eversource Energy or its affiliates. Any disclosure, copying or distribution of this message or the taking of any action based on its contents, other than by the intended recipient for its intended purpose, is strictly prohibited. If you have received this e-mail in error, please notify the sender immediately and delete it from your system. Email transmission cannot be guaranteed to be error-free or secure or free from viruses, and Eversource Energy disclaims all liability for any resulting damage, errors, or omissions.

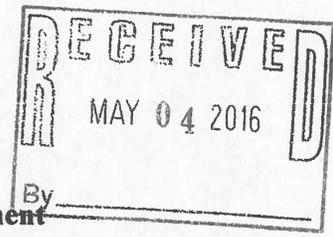
2 attachments

 **N2849A Sebastian PV - Certificate of Completion.pdf**
92K

 **N2849A Sebastian PV - Processed Application.pdf**
251K

ADDED CAPACITY

EVERSOURCE – NEW HAMPSHIRE
INTERCONNECTION STANDARDS FOR INVERTERS
SIZED UP TO 100 KVA



Simplified Process Interconnection Application and Service Agreement
[submit form via email to: NHDG@eversource.com]

Eversource Application Project ID#: N2849A

Contact Information:

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

Customer or Company Name (print): Steven C Sebastian

Contact Person, if Company: (Note: this is an application for 14 panels added to an existing approved PV system)

Mailing Address: P.O. Box 61

City: West Chesterfield State: NH Zip Code: 03466

Telephone (Daytime): 603-762-2098 (Evening): 603-762-2098

Facsimile Number: 603-256-8025 E-Mail Address: steve.sebastian987@gmail.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: Wiemers Electric

Mailing Address: 395 Streeter Hill Road

City: West Chesterfield State: NH Zip Code: 03466

Telephone (Daytime): 603-209-5942 (Evening): 603-209-5942

Facsimile Number: _____ E-Mail Address: harleywiemers@gmail.com

Facility Site Information:

Facility (Site) Address: 392 Streeter Hill Road

City: West Chesterfield State: NH Zip Code: 03466

Electric

Service Company: Eversource Account Number: 56144501012 Meter Number: G61035445

Account and Meter Number: Please consult an actual Eversource 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 Eversource Work Request number.

Eversource 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.)

EVERSOURCE – NEW HAMPSHIRE
INTERCONNECTION STANDARDS FOR INVERTERS
SIZED UP TO 100 KVA

Simplified Process Interconnection Application and Service Agreement

Facility Machine Information:

Generator/ Model Name &
Inverter Manufacturer: Enphase Number: M250 Microinverter Quantity: 14
Nameplate Rating: 250 (kW) .001 (kVA) (AC Volts) Phase: Single Three
Nameplate Rating: The Max AC Nameplate rating of the individual inverter.
System Design Capacity: 3.5 (kW) .014 (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: Next to Eversource meter - east side of house

Project Estimated Install Date: 5/4/16 Project Estimated In-Service Date: 5/4/16

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: Steven C Sebastian Digitally signed by Steven C Sebastian
DN: cn=Steven C Sebastian, o=, email=steven.sebastian@eversource.com Title: Owner Date: 5/4/16

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 Eversource meter socket. Applications without such a diagram may be returned.

For Eversource 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: Associate Date: 5/7/16
Elaine

EVERSOURCE – 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. Such Approval relates only to the Eversource and Puc 900 electrical interconnection requirements, and does not convey any permissions or rights associated with permits, code enforcement, easements, rights of way, set back, or other physical construction issues.
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).

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.

Steven C Sebastian

Printed Name of signature owner

Steven C Sebastian

Steven C Sebastian (May 19, 2016)

Signature of system owner