

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

KE021916

Are you registered in NH

- Yes
 No

Aggregator name

Knollwood Energy - 14625

NH Reg #

Aggregator Email

alane@knollwoodenergy.com

Other Aggregator name

Other aggregator email address

Facility Owner Name

Bradford Ayers

Facility Owner email

bayers@tds.net

Owner Phone

603-714-1972

Facility Address

27 Swiggey Brook Road

Facility Town/City

Chichester

Facility State

NH

Facility Zip

03258

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

Eversource

Other Utility Name

To obtain a GIS ID contact:

James Webb

408 517 2174

jwebb@apx.com

GIS ID (include "NON")

NON71371

Date of Initial Operation

12/10/2015

Facility Operator Name, if applicable

Panel Quantity

44

Panel Make

Solarworld

Panel Model

Other

Panel Rated Output

285

System capacity based on panels

12540

Inverter Quantity

44

Inverter Make

Enphase Energy

Add'l Inverter Quantity

NA

Additional Inverter Make

None

Rated Output - Primary Inverter

250

Rated Output - Additional Inverter

System capacity based on single inverter make

11000

System capacity based on two inverter types

System capacity in kW as stated on the interconnection agreement

11.00

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

Boddie Construction

Installation Company

Sun Dial Solar

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-5-168-6138352_H2bux6GT_Ayers_pv_form.xlsx

Please attach additional document here

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

02/19/2016

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.

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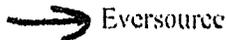
Bradford M. Ayers

Printed Name of signature owner

Bradford M. Ayers

Bradford M. Ayers (Jan 4, 2016)

Signature of system owner



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): BROADFORD AYERS

Contact Person if Company:

Mailing Address: 27 Swiggey Brook Rd

City: MANCHESTER State: NH Zip Code: 03258

Telephone (Daytime): 603-714-1972 (Evening):

Facsimile Number: E-Mail Address: bayers@fds.net

Facility Information: → Eversource Meter #: 85572069

Address of Facility (if different from above):

City: State: Zip Code:

Electrical Contractor Contact Information:

Electrical Contractor's Name (if appropriate): RICHARD BOODIE

Mailing Address: 92 OLD TOWN RD.

City: ERSON State: NH Zip Code: 03234

Telephone (Daytime) (603) 605-5603 (Evening): BOODIE CONSTRUCTION

Facsimile Number: E-Mail Address:

License number: M-10770 NH

Date of approval to install Facility granted by the Company:

Eversource Application ID number: #N

Inspection:

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

City: Manchester NH County: MERRIMACK

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

Signature: John M. Freeman

Name (printed): JOHN M. FREEMAN Date: 12/3/15

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.

X 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

EVERSOURCE
INTERCONNECTION STANDARDS FOR INVERTERS
SIZED UP TO 100 KVA

Simplified Process Interconnection Application and Service Agreement

Eversource Application Project ID#: _____

Contact Information:

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

Customer or Company Name (print): BRADFORD AYERS

Contact Person, if Company: _____

Mailing Address: 27 Swiggey Brook Rd

City: Chichester State: NH Zip Code: 03258

Telephone (Daytime): 603-714-1972 (Evening): _____

Facsimile Number: _____ E-Mail Address: bayers@tds.net

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

Name: Sundial Solar

Mailing Address: 96 Hilliard Rd

City: Chichester, NH State: NH Zip Code: 03258

Telephone (Daytime): _____ (Evening): _____

Facsimile Number: _____ E-Mail Address: www.sundialsolarnh.com

Electrical Contractor Contact Information (if appropriate):

Name: Richard Roddie

Mailing Address: P.O. Box 223

City: EPSOM State: NH Zip Code: 03234

Telephone (Daytime): 603-608-5603 (Evening): _____

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

Facility Site Information:

Facility (Site) Address: 27 Swiggey Brook Road

City: Chichester State: NH Zip Code: 03258

Electric _____

Service Company: Eversource Account Number: 56202241022 Meter Number: 088572069

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
INTERCONNECTION STANDARDS FOR INVERTERS
SIZED UP TO 100 KVA

Simplified Process Interconnection Application and Service Agreement

Facility Machine Information:

Generator/ SOLAR WORLD Model Name & SW 285 M silver
Inverter Manufacturer: ENPHASE Number: M250 Quantity: 44
Nameplate Rating: 250 (kW) _____ (kVA) _____ (AC Volts) Phase: Single Three

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

System Design Capacity: 11,000 (kW) _____ (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

Project Estimated Install Date: LATE Oct. Project Estimated In-Service Date: MID NOV.

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: 10/2/15

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 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: _____ Title: _____ Date: _____