

## NH Public Utilities Commission

## REC Aggregator Portal

NHPUC 25MAR'16AM11:48

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**

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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 Name

Facility Owner Name

Facility Owner email

linda@faysboatyard.com

Owner Phone

603-293-8000

Facility Address

71 Varney Point road

Facility Town/City

Gilford

Facility State

NH

Facility Zip

03249

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 Tenneson

Primary Contact

Facility Primary Contact

karenton@knollwoodenergy.com

Other Email Address

Facility Information

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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 Quantity

Panel Make

Panel Model

Panel Rated Output

System capacity based on panels

Inverter Quantity

110

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

27500

System capacity based on two inverter types

System capacity in kW as stated on the interconnection agreement

27.5

Revenue Grade Meter Make

AEE Solar

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

- Yes  
 No

Electrician Name & Number

Brian Pare12245M

Other Electrician Name & Number

Installation Company

SunRay 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

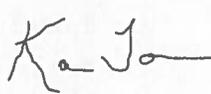
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Please attach additional document here

[https://fs30.formsite.com/jan1947/files/f-5-173-6374288\\_zdILIA5W\\_Fays\\_Boat\\_Yard\\_Processed\\_Appl](https://fs30.formsite.com/jan1947/files/f-5-173-6374288_zdILIA5W_Fays_Boat_Yard_Processed_Appl)

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

03/21/2016

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

RECEIVED

JUL 25 2014

Simplified Process Interconnection Application and Service Agreement

SESD

PSNH Application Project ID#: \_\_\_\_\_

**Contact Information:**

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

Customer or Company Name (print): Fay's Boat Yard

Contact Person, if Company: Merrill Fay

Mailing Address: 71 Varney POint Rd

City: Gilford State: NH Zip Code: 03249

Telephone (Daytime): (603) 293-8000 (Evening): \_\_\_\_\_

Facsimile Number: \_\_\_\_\_ E-Mail Address: www.faysboatyard.com

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

Name: SunRay Solar, LLC

Mailing Address: 249 Loudon Rd

City: Concord State: NH Zip Code: 03301

Telephone (Daytime): (603) 225-8001 (Evening): \_\_\_\_\_

Facsimile Number: \_\_\_\_\_ E-Mail Address: justin@spreadthesunshine.com

**Electrical Contractor Contact Information** (if appropriate):

Name: Shawn Marvel

Mailing Address: 108 Sunapee St #C

City: Newport State: NH Zip Code: 03773

Telephone (Daytime): (603) 209-4364 (Evening): \_\_\_\_\_

Facsimile Number: \_\_\_\_\_ E-Mail Address: marvel@inbx.com

**Facility Site Information:**

Facility (Site) Address: 71 Varney Point Rd

City: Gilford State: NH Zip Code: 03249

Electric

Service Company: PSNH Account Number: 56-007421086 ✓ Meter Number: 022633083, w01282370

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 # 2378852

**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: Enphase Model Name & Number: m250 Quantity: 110

Nameplate Rating: .250 (kW) (kVA) (AC Volts) Phase: Single  Three

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

System Design Capacity: 29.15 (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 meter.

Project Estimated Install Date: August Project Estimated In-Service Date: August

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: Homeowner Date: 7/24/14

*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: 8-21-14

27.5 kW  
AC OUTPUT

Public Service Company Of 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): Merrill Fay  
Contact Person, if Company: Fay's Boat Yard  
Mailing Address: 71 Varney Point Rd  
City: Gilford State: New Hampshire Zip Code: 03249  
Telephone (Daytime): (603) 293-8000 (Evening): \_\_\_\_\_  
Facsimile Number: \_\_\_\_\_ E-Mail Address: www.faysboatyard.com

**Facility Information:**

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

**Electrical Contractor Contact Information:**

Electrical Contractor's Name (if appropriate): Shawn Marvel  
Mailing Address: 249 Loudon Rd  
City: Concord State: New Hampshire Zip Code: 03301  
Telephone (Daytime): (603) 209-4364 (Evening): \_\_\_\_\_  
Facsimile Number: \_\_\_\_\_ E-Mail Address: shawn@spreadthesunshine.com  
License number: 13363 M

Date of approval to install Facility granted by the Company: \_\_\_\_\_

PSNH Application ID number: #N \_\_\_\_\_

**Inspection:**

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

City: GILFORD County: BELLEVILLE

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

Signature: David Andrade

Name (printed): DAVID ANDRADE Date: 9/24/14

**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 Puc. 905.04 has been successfully completed.

Customer Signature: Jerry A. J.

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

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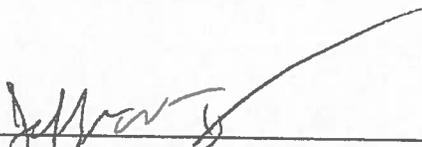
The facility owner has certified to the independent monitor that the meter operates according to manufacturing standards.

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.

Jeffrey W. Fay  
Printed Name of signature owner

  
Signature of system owner