

NHPUC 11 JAN 16 PM 1:15

Who is submitting this request?

Aggregator

Aggregator Batch Number

KN0315

Aggregator name

Knollwood Energy

Aggregator Email

linda@knollwoodenergy.com

Other Aggregator name

Other aggregator email address

Facility Owner Name

Brian Mackey

Owner Prefix

Mr.

Facility Owner email

talon90@metrocast.net

Owner Phone

603-834-1080

Facility Address

24 Pinewood Dr

Facility Town/City

Strafford

Facility State

NH

Facility Zip

03884

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)

Contact Phone

Other Email Address

Facility Information

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Class

Utility

Other Utility Name

Date of Utility Signoff

To obtain a GIS ID contact:

James Webb

408 517 2174

jwebb@apx.com

GIS ID (include "NON")

59313

Facility Operator Name, if applicable

Panel Quantity

34

Panel Make

Solarworld

Panel Model

SW 285

Panel Rated Output

285

System capacity based on panels

9.6900

Inverter Quantity

1

Inverter Make

Solar Edge

Additional Inverter

Rated Output

10000

System capacity based on inverters

10.00

System capacity in mW as stated on the interconnection agreement

10.95

Revenue Grade Meter Make

GE

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

- Yes
- No

Date of Electrician Signoff

Sign-off Electrician's License 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

Monitor Company Name

Monitor Company Name

Monitor Company Name

Monitor Company Name

Other Monitor Company Name

Is the installer also the equipment vendor?

- 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

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.

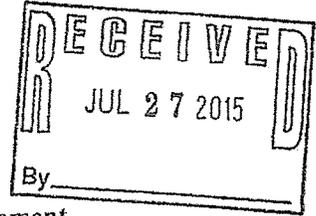
Print Name

Linda Modica

Date Signed

01/02/2016

EVERSOURCE  
 INTERCONNECTION STANDARDS FOR INVERTERS  
 SIZED UP TO 100 KVA  
 Simplified Process Interconnection Application and Service Agreement



Eversource Application Project ID# N 3751

**Contact Information:**

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

Customer or Company Name (print): BRIAN MACKAY

Contact Person, if Company: \_\_\_\_\_

Mailing Address: 24 Pine Wood Dr

City: Stratford State: NH Zip Code: 03884

Telephone (Daytime): 603-834-1080 (Evening): \_\_\_\_\_

Facsimile Number: \_\_\_\_\_ E-Mail Address: talong90@comcast.net

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

Name: **Sundial Solar**

Mailing Address: **96 Hilliard Rd**

City: **Chichester, NH 03258** Zip Code: \_\_\_\_\_

Telephone (Daytime): \_\_\_\_\_ (Evening): \_\_\_\_\_

Facsimile Number: \_\_\_\_\_ E-Mail Address: **www.sundialsolar.nh.com**

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

Name: GERARD ROUSSEAU

Mailing Address: 15 Bailey Rd

City: Chichester State: NH Zip Code: 03258

Telephone (Daytime): 603-491-8244 (Evening): \_\_\_\_\_

Facsimile Number: \_\_\_\_\_ E-Mail Address: Rousseau Power and Light @ comcast.net

**Facility Site Information:**

Facility (Site) Address: \_\_\_\_\_

City: \_\_\_\_\_ State: NH Zip Code: \_\_\_\_\_

Electric Service Company: Eversource Account Number: 56459841094 Meter Number: G 96485241

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 WINDUP Model Name & SW 285 - 34  
Inverter Manufacturer: Solar Edge Number: SE 10000A-US Quantity: 1  
Nameplate Rating: 10,000 (kW) (kVA) (AC Volts) Phase: Single  Three

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

System Design Capacity: 10,000 (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 the Eversource meter

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

X Customer Signature: Bruce M. [Signature] Title: OWNER Date: 6/23/15

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**

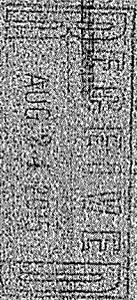
**Approval to Install Facility:**

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: [Signature] Title: Associate Date: 8/10/15  
Eng. Neer

Exhibit B - Certificate of Completion for Standalone Devices Installation



Installation Information:  Check if over-insulated

Customer or Company Name (print) Brian Markes

Contact Person (if Company) \_\_\_\_\_

Mailing Address 24 Pinewood Dr

City Stratford State NH Zip Code 03303

Telephone (Daytime) 603-834-1080 Evening 603-834-0350

Facsimile Number \_\_\_\_\_ E-mail Address markesb@att.net

Facsimile Number \_\_\_\_\_ E-mail Address 6903@att.net

Facility Information -> Address of Facility (if different from above) \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Electrical Contractor Contact Information:

Electrical Contractor's Name (if appropriate) GENFAX ELECTRIC SOLUTIONS

Mailing Address: 125 Wreck Rd

City Stratford State NH Zip Code 03269

Telephone (Daytime): 603-455-6281 (Evening) Shawn Central Electric Solutions

Facsimile Number: \_\_\_\_\_ E-mail Address \_\_\_\_\_

License number: 12459 WA

Date of approval to install facility granted by the Company: 8/10/15

Everource Application ID number: EA 3251

Inspection:

The system has been installed and inspected in compliance with the local building Electrical Code of \_\_\_\_\_

City Stratford County \_\_\_\_\_

Signed (Local Electrical Wiring Inspector or state-licensed electrical inspector) \_\_\_\_\_

Signature: \_\_\_\_\_

Name (printed) \_\_\_\_\_ Date \_\_\_\_\_

Customer Certification:

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

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

Customer Signature: Brian Markes

As a condition of interconnection you are required to send fax a copy of this form to \_\_\_\_\_ Everource \_\_\_\_\_

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.

Brian Mackey

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Printed Name of signature owner

*Brian Mackey*

Brian Mackey (Oct 8, 2016)

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Signature of system owner