

Who is submitting this request?

Aggregator

Aggregator Batch Number

KN0215

Aggregator name

Knollwood Energy

Aggregator Email

linda@knollwoodenergy.com

Other Aggregator name

Other aggregator email address

Facility Owner Name

Russel Lanoie

Owner Prefix

Mr.

Facility Owner email

russlanoie@gmail.com

Owner Phone

603-447-1811

Facility Address

397 Tasker Hill Rd.

Facility Town/City

Conway

Facility State

NH

Facility Zip

03818

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

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")

55438

Facility Operator Name, if applicable

Panel Quantity

30

Panel Make

Solarworld

Panel Model

Sunmodule 280

Panel Rated Output

280

System capacity based on panels

8.4000

Inverter Quantity

2

Inverter Make

SMA

Additional Inverter

Rated Output

4500

System capacity based on inverters

9.00

System capacity in mW as stated on the interconnection agreement

9.0

Revenue Grade Meter Make

Irton Centron

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.

https://fs30.formsite.com/jan1947/files/f-5-99-5790946_kxjUCN0t_Lanoie_SPIA.pdf

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-5-168-5790946_B1Rircdt_Lanoie_NHOS.pdf

Please attach additional document here

https://fs30.formsite.com/jan1947/files/f-5-173-5790946_4etQ0mLy_Lanoie_COC.pdf

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

12/31/2015

RECEIVED
JUN 02 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 3523

Contact Information:

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

Customer or Company Name (print): Russell Lanoie
Contact Person, if Company: same
Mailing Address: 397 Tasker Hill Rd
City: Conway State: NH Zip Code: 03818
Telephone (Daytime): 603-986-8809 (cell) (Evening): 603-447-5266
Facsimile Number: 603-447-1811 E-Mail Address: russtanoie@gmail.com

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

Name: Fase Electric LLC
Mailing Address: 789 Whittier Hwy
City: So. Tamworth State: NH Zip Code: 03883
Telephone (Daytime): 603-284-6618 (Evening): same
Facsimile Number: 284-6343 E-Mail Address: km@faseelectric.com

Electrical Contractor Contact Information (if appropriate):

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

Facility Site Information:

Facility (Site) Address: 397 Tasker Hill Rd
City: Madison State: NH Zip Code: 03849
Electric
Service Company: PSNH - LEVERSAUCE Account Number: 56965701006 ✓ Meter Number: D29741006 ✓

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: Solar World Model Name & #: Sinmodule 280 BIK ³⁰
 Inverter Manufacturer: SMA ✓ Number: (1) SMA 5000 A TL US ✓ Quantity: 2 ✓
 Nameplate Rating: 4KW+5KW (kW) 4KW+5KW (kVA) 240 (AC Volts) Phase: Single Three

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

System Design Capacity: 9KW (kW) 9kVA (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: on Barn

Project Estimated Install Date: July 1 2015 Project Estimated In-Service Date: July 15 2015

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: Amel Mandil Title: HOMEOWNER Date: 4/6/15

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: Michael Moffa Title: SR. ENGINEER Date: 6/4/15

1011

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): Russell Lanoie
Contact Person, if Company: Russell Lanoie
Mailing Address: 397 Tasker Hill Rd.
City: Conway State: NH Zip Code: 03818
Telephone (Daytime): 603-447-5266 (Evening): Same
Facsimile Number: - E-Mail Address: russlanoie@gmail.com
Meter # - 029741066

Facility Information:
Address of Facility (if different from above): 397 Tasker Hill Rd.
City: Madison State: NH Zip Code: 03849

Electrical Contractor Contact Information:
Electrical Contractor's Name (if appropriate): Frase Electric LLC
Mailing Address: 789 Whittier Hwy
City: So. Tamworth State: NH Zip Code: 03883
Telephone (Daytime): 603 284-6618 (Evening): 284-6618
Facsimile Number: 284-6343 E-Mail Address: kime@fraseelectric.com
License number: 4146M

Date of approval to install Facility granted by the Company: _____
Eversource Application ID number: #N 3523

Inspection:
The system has been installed and inspected in compliance with the local Building/Electrical Code of:
City: Madison County: Carroll
Signed (Local Electrical Wiring Inspector, or attach signed electrical inspection):
Signature: Robert E. Boyd
Name (printed): Robert E. Boyd Date: 8/20/15

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.

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

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.

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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.

Russell H. Lanoie

Printed Name of signature owner

Russell H. Lanoie
Russell H. Lanoie (Sep 16, 2015)

Signature of system owner