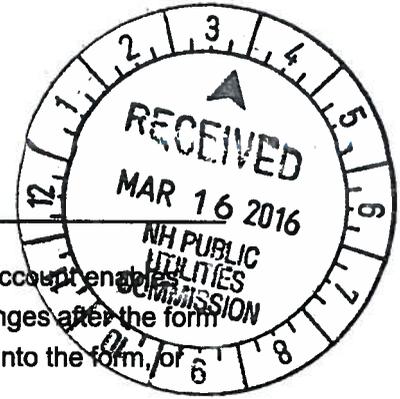


NH Public Utilities Commission  
REC Aggregator Portal



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

KE031416

Are you registered in NH

- Yes
- No

Aggregator name

Knollwood Energy - 14625

NH Reg #

Aggregator Email

karenton@knollwoodenergy.com

Other Aggregator name

Other aggregator email address

Facility Name

Facility Owner Name

Tom Southworth

Facility Owner email

trsworth@gmail.com

Owner Phone

603-631-0318

Facility Address

361 Pleasant Valley Road

Facility Town/City

Lancaster

Facility State

NH

Facility Zip

03584

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

---

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**

1

**Inverter Make**

SMA

**Add'l Inverter Quantity**

NA

**Additional Inverter Make**

None

**Rated Output - Primary Inverter**

200

**Rated Output - Additional Inverter**

**System capacity based on single inverter make**

200

**System capacity based on two inverter types**

**System capacity in kW as stated on the interconnection agreement**

7.05

**Revenue Grade Meter Make**

Sangamo

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

- Yes  
 No

**Electrician Name & Number**

Bill Levay13139M

**Other Electrician Name & Number**

**Installation Company**

ReVision Energy

**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-5-168-6319777\\_NEemv7Xf\\_Tom\\_Southworth\\_NHOS.pdf](https://fs30.formsite.com/jan1947/files/f-5-168-6319777_NEemv7Xf_Tom_Southworth_NHOS.pdf)

Please attach additional document here

[https://fs30.formsite.com/jan1947/files/f-5-173-6319777\\_TxdFtHll\\_Tom\\_Southworth\\_SPIA.pdf](https://fs30.formsite.com/jan1947/files/f-5-173-6319777_TxdFtHll_Tom_Southworth_SPIA.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

Karen Tonnesen

Date Signed

03/14/2016

#N2344 SOUTH WORTH PV

RECEIVED  
MAY 27 2011

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

BY:.....

**Exhibit B - Certificate of Completion for Simplified Process Interconnections**

Installation Information:  Check if owner-installed

Customer or Company Name (print): Thomas Southworth

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

Mailing Address: 361 Pleasant Valley Road

City: Lancaster State: NH Zip Code: 03584

Telephone (Daytime): 788 2857 (Evening): 788 2857

Facsimile Number: 603 788 2619 E-Mail Address: tom.southworth5@yahoo.com

Address of Facility (if different from above): \_\_\_\_\_

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

Generation Vendor: Revision Energy Contact Person: Jennifer Hatch

I hereby certify that the system hardware is in compliance with Puc 900.

Vendor Signature: Jennifer Hatch Date: 5/17/2011

Electrical Contractor's Name (if appropriate): Revision Energy

Mailing Address: 142 Presumpscot St

City: Portland State: ME Zip Code: 04103

Telephone (Daytime): (207) 221-6342 (Evening): \_\_\_\_\_

Facsimile Number: \_\_\_\_\_ E-Mail Address: jen@revisionenergy.com

License number: 12529M

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

Application ID number: #N2344

\* Inspection:

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

\_\_\_\_\_  
(City/County)

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

Name (printed): \_\_\_\_\_

Date: \_\_\_\_\_

Customer Certification:

I hereby certify that, to the best of my knowledge, all the information contained in this Interconnection Notice is true and correct. This system has been installed and shall be operated in compliance with applicable electrical standards. Also, the initial start up test required by Puc 905.04 has been successfully completed.

Customer Signature: Thomas Southworth Date: May 23, 2011

\* The Town of Lancaster has no Electrical Wiring Inspector. Please contact  
1 - May 11 2011

FN 2344 SOUTH WORTH IV

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

RECEIVED  
APR 12 2011

Simplified Process Interconnection Application and Service Agreement **SESD**

Contact Information: Date Prepared: April 6, 2011  
Legal Name and Address of Interconnecting Customer (or, Company name, if appropriate)  
Customer or Company Name (print): Thomas Southworth  
Contact Person, if Company:  
Mailing Address: 361 Pleasant Valley Road  
City: Lancaster State: NH Zip Code: 03584  
Telephone (Daytime): 603 788 2857 (Evening):  
Facsimile Number: 603 788 2619 E-Mail Address: tomsouthworth5@YAHOO.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: Revision Energy Telephone: 207-221-6342  
Mailing Address: 42 Presumpscot St  
City: Portland State: ME Zip Code: 04101

Facility Information:  
Address of Facility: 361 Pleasant Valley Rd  
City: Lancaster State: NH Zip Code: 03584  
Electric Service Company: PSNH Account Number: 56749521043 Meter Number: S21211762  
Electricity Supply Company: PSNH Account Number:  
Generator/Inverter Manufacturer: SMA Model Name and Number: 7000 US Quantity: 1  
Nameplate Rating: 7050 (kW) (kVA) (AC Volts) Single  or Three Phase  
System Design Capacity: 7050 (kW) (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  
UL 1741.1 (IEEE 1547.1) Listed? Yes  No External Manual Disconnect: Yes No   
Estimated Install Date: May 2011 Estimated In-Service Date: May 2011

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 on the following page:  
Customer Signature: Thomas Southworth Title: owner Date: 4-6-11

Please attach any documentation provided by the inverter manufacturer describing the inverter's UL 1741 listing.

Approval to Install Facility (For Company use only)  
Installation of the Facility is approved contingent upon the terms and conditions of this Agreement, and agreement to any system modifications, if required (Are system modifications required? Yes No  To be Determined)  
[Signature] ASSOC. ENGINEER 04/15/2011

LANCASTER AWC, 30W1, 105/1

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

Company waives inspection/Witness Test? Yes  No

**Terms and Conditions for Simplified Process Interconnections**

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).

## 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.

Tom Southworth

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Printed Name of signature owner

*Tom Southworth*

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Tom Southworth (Jan 5, 2016)

Signature of system owner