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NH Public Utilities Commission

REC Aggregator Portal

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**Basic Information**

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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](#)

Aggregator Batch Number

Aggregator name

Facility Owner Name

Facility Address

Facility Town/City

Facility State

Facility Zip

Mailing Zip

Primary Contact

Karen Tenneson

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")

NON87775

Date of Initial Operation

07/05/2016

Facility Operator Name, if applicable

Panel Make #1

Solarworld

Panel Model

SW 285

Panel Quantity

32

Panel Rated Output

285

Other panel make

Other panel model

More Panel types?

- No  
 Yes

Panel Make #2

Panel Model

Panel Quantity

Panel Rated Output

More Panel types?

- No  
 Yes

Panel Make #3

Panel Model

Panel Quantity

Panel Rated Output

System capacity based on panels

Inverter Make

Other inverter make

Inverter Quantity

32

Additional Inverter Make

None

Add'l Inverter Quantity

Rated Output - Primary Inverter

215

Rated Output - Additional Inverter

System capacity based on single inverter make

6880

System capacity based on two inverter types

System capacity in kW as stated on the interconnection agreement

6.880

Revenue Grade Meter Make

Revenue Grade GIS Approved Meter

GE

Other revenue-grade GIS-approved meter

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

- Yes  
 No

Electrician Name & Number

Richard Boddei 10770M

Other Electrician Name & Number

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

Equipment Vendor Company Name

Independent Monitor Name & Company

Paul Button - Energy Audits Unlimited

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.

[http://fs30.formsite.com/jan1947/files/f-5-99-7242358\\_aHtuEchX\\_arenelle\\_CoC.pdf](http://fs30.formsite.com/jan1947/files/f-5-99-7242358_aHtuEchX_arenelle_CoC.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 (meeting ANSI C-12.1-2008 for installations up to and including 10 kW, or ANSI C12.16 or better for installations greater than 10kW up to 1 mW) 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

[http://fs30.formsite.com/jan1947/files/f-5-168-7242358\\_m0YlpPTD\\_Arenella\\_contract\\_part\\_3\\_-\\_signed-NH](http://fs30.formsite.com/jan1947/files/f-5-168-7242358_m0YlpPTD_Arenella_contract_part_3_-_signed-NH)

Please attach additional document here

[http://fs30.formsite.com/jan1947/files/f-5-173-7242358\\_3h00NDo7\\_arenelle\\_SPIA.pdf](http://fs30.formsite.com/jan1947/files/f-5-173-7242358_3h00NDo7_arenelle_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

07/18/2016

**EVERSOURCE – 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): Virginia and Michael Arenella

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

Mailing Address: 26 Hurley St.

City: Hudson State: NH Zip Code: 03051

Telephone (Daytime): 60-809-2230 (Evening): \_\_\_\_\_

Facsimile Number: \_\_\_\_\_ E-Mail Address: itisginnie@me.com

**Facility Information:** → Eversource Meter # \_\_\_\_\_

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

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

**Electrical Contractor Contact Information:**

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

Mailing Address: 92 OLD TOWN RD.

City: EPSON State: N.H. Zip Code: 03234

Telephone (Daytime): 603-628-5003 (Evening): \_\_\_\_\_

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

License number: 10770

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

Eversource Application ID number: #N 5544

**Inspection:**

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

City: Town of Hudson, NH County: Rockingham

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

Signature: [Signature] Date: 7-5-16

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

**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 reference attached Exhibit B – Certificate of Completion Customer Requirements "Checklist" for required digital photos before submitting.

Customer Signature: Virginia Arenella

As a condition of interconnection you are required to email/send/fax a copy of this form to:

**NHDG@eversource.com**  
Eversource - Distributed Generation (NH)  
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.

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.

Michael Arenella

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Printed Name of signature owner

*Michael Arenella*

Michael Arenella (Jul 13, 2016)

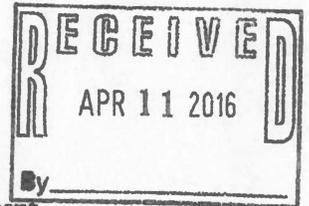
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Signature of system owner

EVERSOURCE - NEW HAMPSHIRE  
INTERCONNECTION STANDARDS FOR INVERTERS  
SIZED UP TO 100 KVA

Simplified Process Interconnection Application and Service Agreement

Submit form via email to: [NIIDC@eversource.com](mailto:NIIDC@eversource.com)



Eversource Application Project ID#: N5544

**Contact Information:**

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

Customer or Company Name (print): Mike Arcella

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

Mailing Address: 26 Hurley St

City: Hudson State: NH Zip Code: 03051

Telephone (Daytime): 603-809-7230 (Evening): \_\_\_\_\_

Facsimile Number: \_\_\_\_\_ E-Mail Address: hsquinnie@me.com

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

Name: Sundial Solar

Mailing Address: 96 Hilliard Rd

City: Chichester, NH 03258

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

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

603-961-0045

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

Name: \_\_\_\_\_

Mailing Address: Richard Boddie

City: \_\_\_\_\_ State: 92 Old Town Road Zip Code: \_\_\_\_\_

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

Facsimile Number: \_\_\_\_\_ E-Mail Address: Boddieconstruction@gmail.com

603-868-6688  
License # 10770M

**Facility Site Information:**

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

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

Electric Service Company: Eversource Account Number: 51263990037 Meter Number: 570986265

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.

Account and Meter Number: \_\_\_\_\_

Work Request Number: \_\_\_\_\_

**EVERSOURCE - NEW HAMPSHIRE  
INTERCONNECTION STANDARDS FOR INVERTERS  
SIZED UP TO 100 KVA**

**Simplified Process Interconnection Application and Service Agreement**

**Facility Machine Information:**

Generator/ Solo2 WORK Model Name & SW 280 silver  
 Inverter Manufacturer: ENPHASE Number: M215 Quantity: 32  
 Nameplate Rating: 215 (kW) \_\_\_\_\_ (kVA) \_\_\_\_\_ (AC Volts) Phase: Single  Three   
*Nameplate Rating: The Max AC Nameplate rating of the individual inverter.*  
 System Design Capacity: 6880 (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 Pac 906 Compliance Path For Inverter Units, Part Pac 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 Pac 905 Technical Requirements For Interconnections For Facilities, Pac 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 April Project Estimated In-Service Date: Early May

**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: 4/13/16

**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: 4/14/16  
Editor