

NHPUC 21JUL'16AM11:51

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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")

NON87888

Date of Initial Operation

06/28/2016

Facility Operator Name, if applicable

Panel Make #1

LG

Panel Model

Other

Panel Quantity

36

Panel Rated Output

300

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

1

Additional Inverter Make

None

Add'l Inverter Quantity

Rated Output - Primary Inverter

11400

Rated Output - Additional Inverter

System capacity based on single inverter make

11400

System capacity based on two inverter types

System capacity in kW as stated on the interconnection agreement

12.0

Revenue Grade Meter Make

Revenue Grade GIS Approved Meter

ITRON CENTRON

Other revenue-grade GIS-approved meter

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

- Yes  
 No

Electrician Name & Number

Kim Frase4146M

Other Electrician Name & Number

Installation Company

Frase Electric, LLC

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.

[https://fs30.formsite.com/jan1947/files/f-5-99-7242950\\_tAh1VooU\\_FraseMtnViewEversourcePg3790-COC.pdf](https://fs30.formsite.com/jan1947/files/f-5-99-7242950_tAh1VooU_FraseMtnViewEversourcePg3790-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

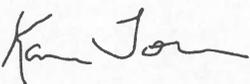
[https://fs30.formsite.com/jan1947/files/f-5-168-7242950\\_c2ih9T1l\\_Frase\\_2012\\_Family\\_Trust\\_contract\\_part](https://fs30.formsite.com/jan1947/files/f-5-168-7242950_c2ih9T1l_Frase_2012_Family_Trust_contract_part)

Please attach additional document here

[https://fs30.formsite.com/jan1947/files/f-5-173-7242950\\_LADKuyko\\_FraseMtnViewEversourcePg2789-SPIA](https://fs30.formsite.com/jan1947/files/f-5-173-7242950_LADKuyko_FraseMtnViewEversourcePg2789-SPIA)

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

07/19/2016

EVERSOURCE - NEW HAMPSHIRE  
INTERCONNECTION STANDARDS FOR INVERTERS SIZED UP TO 100 KVA  
Exhibit B - Certificate of Completion for Simplified Process Interconnections

RECEIVED

JUN 29 2016

SESD

**Installation Information:**

Check if owner-installed

Customer or Company Name (print): Kim + Lauren Frase 2012 Family Trust

Contact Person, if Company: Kim Frase

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: kim@fraseelectric.com

**Facility Information:** → Eversource Meter # 572320037

Address of Facility (if different from above): 160 Mountain View Estates Rd.

City: Tamworth State: NH Zip Code: 03886

**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: kim@fraseelectric.com

License number: 4146M

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

Eversource Application ID number: #N 5853

**Inspection:**

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

City: Tamworth County: Carroll

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

Signature: [Signature]

Name (printed): Kim Frase Date: 6/28/16

**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: \_\_\_\_\_

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.

Kim Frase

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Printed Name of signature owner

*kim frase*  
kim frase (Jul 18, 2016)

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Signature of system owner

PHASE

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

Simplified Process Interconnection Application and Service Agreement

**Facility Machine Information:**

Generator/ Inverter Manufacturer: Solar Edge Model Name & Number: SE1142DA-US Quantity: 1  
Nameplate Rating: 12 (kW) 12 (kVA) 240 (AC Volts) Phase: Single  Three   
Nameplate Rating: The Max AC Nameplate rating of the individual inverter.  
System Design Capacity: 12 (kW) 12 (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: By NET METER

Project Estimated Install Date: 7/15/16 Project Estimated In-Service Date: 7/30/16

**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: 6/3/16

**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 Engineer Date: 6/9/16