



NHPUC JUN16'14 AM11:33

6/13/2014

Debra A Howland
Executive Director and Secretary
State of New Hampshire
Public Utilities Commission
21 South Fruit St Suite 10
Concord, NH 03301-2429

Dear Ms. Howland,

As a follow up to my recent correspondence, the commission asked for formal documents regarding additions to PV systems already approved for Class II REC's. Enclosed are supplemental Class II REC applications for additions to the nameplate capacities. I hope the filing will be sufficient for approval.

Please contact me if you have questions.

Thanks,

Scott C McNeil
Program Administrator – Technical
New Hampshire Electric Cooperative, Inc
579 Tenney Mountain Highway
Plymouth, NH 03264
603-536-8608
mneils@nhec.com

NHEC Nameplate Capacity Additions 06-09-12 through 12-02-13

Docket #	NH PUC Certification Number	Name	Nameplate capacity on file	Nameplate addition	New nameplate capacity	Date of addition	Effective Date to Produce RECs
DE 09-218	NH-II-09-053	Kim Frase	4.9	4.32	9.22	6/9/2012	11/9/2009
DE 10-103	NH-II-10-048	Brian Morgan	4.73	1.29	6.02	10/10/2010	4/12/2010
DE 10-234	NH-II-10-105	Pat Russell	4.8	2.42	7.22	5/5/2011	9/7/2010
DE 10-291	NH-II-10-114	Steven Olafsen	4.62	2.31	6.93	6/5/2011	10/27/2010
DE 10-332	NH-II-11-001	Ellen Rancourt	4.6	0.46	5.06	6/6/2011	12/20/2010
DE 10-333	NH-II-11-002	Christopher Williams	4.6	2.3	6.9	6/18/2011	12/20/2010
DE 11-172	NH-II-11-026	David Scerra	4.14	4.14	8.28	2/15/2012	6/20/2011
DE 11-205	NH-II-11-031	Melanie Ratcliffe	6.58	3.416	9.996	4/17/2013	9/15/2011
DE 11-244	NH-II-11-040	James Buckland	4.8	1.92	6.72	2/10/2012	10/31/2011
DE 12-228	NH-II-12-042	Adam Hildebrand	4.59	0.255	4.845	7/13/2012	7/26/2012
DE 12-280	NH-II-12-072	David Downs	4.95	3.6	8.55	10/19/2012	9/24/2012
DE 12-336	NH-II-12-086	Herbert Sallett	4.9	2.45	7.35	1/11/2013	11/16/2012
DE 13-013	NH-II-13-014	Eckhard Straeter	4.9	11	15.9	4/8/2013	1/14/2013
DE 13-014	NH-II-13-015	Nathan Mulherin	4.9	0.52	5.42	1/3/2013	1/14/2013
DE 13-062	NH-II-13-029	John Carmody	4.9	2.45	7.35	1/16/2013	2/27/2013
DE 13-208	NH-II-13-070	Dan Lake	5.46	0.52	5.98	6/5/2013	7/19/2013
DE 13-287	NH-II-13-109	Carol Sullivan	7.95	3.975	11.925	11/20/2013	10/8/2013
DE 13-331	NH-II-13-122	Bill Morse	6.12	6.12	12.24	11/27/2013	11/25/2013
DE 13-332	NH-II-13-123	David Tofts	8.829	9.3	18.129	12/2/2013	11/25/2013
	Total		101.269	62.766	164.035		

**STATE OF NEW HAMPSHIRE
PUBLIC UTILITIES COMMISSION
DE 11-205 SUPPLEMENTAL**

FOR CUSTOMER-SITED RENEWABLE ENERGY SOURCE ELIGIBILITY

Pursuant to New Hampshire Admin. Code Puc 2500 Rules

Pursuant to Puc 202, the signed application shall be filed with the Executive Director and Secretary of the New Hampshire Public Utilities Commission (Commission). To ensure that your submitted application is complete, please read RSA 362-F and N.H. Code Admin. Rules Puc 2500 before filling out this application. It is the burden of the applicant to provide timely, accurate and complete information as part of the application process. Any failure by the applicant to provide information in a timely manner may result in the Commission dismissing this application without prejudice.

NOTE: When completing this application electronically, using the "tab" key after completing each answer will move the cursor to the next blank to be filled in. If a question is not applicable to your facility, then check the box next to N/A.

1. **ELIGIBILITY CLASS APPLIED FOR:** I II

2. Applicant's legal name: Melanie Ratcliffe

3. Residential or (1) 180 Mountain Road

Business Address: (2) _____

(as applicable to the site of the (3) _____

renewable energy facility) _____

Tuftonboro NH 03816
(City) (State) (Zip Code)

4. Telephone number: 603-569-4271

5. Facsimile number: _____

6. Email address: n/a

7. Installer's Name: Frase Electric LLC

8. Business Address: (1) 789 Whittier Highway

(2) _____

(3) _____

South Tamworth NH 03883

- (City) (State) (Zip Code)
9. Telephone number: 603-284-6618
10. Facsimile number: _____
11. Email address: kfrase@hughes.net
12. Equipment Vendor's Name: Frase Electric LLC
13. Business Address: (1) 789 Whittier Highway
 (2) _____
 (3) _____
- South Tamworth NH 03883
 (City) (State) (Zip Code)
14. Telephone number: 603-284-6618
15. Facsimile number: _____
16. Email address: kfrase@hughes.net
17. Independent Monitor's Name: New Hampshire Electric Cooperative, Inc.
18. Business Address: (1) 579 Tenney Mountain Highway
 (2) _____
 (3) _____
- Plymouth NH 03264
 (City) (State) (Zip Code)
19. Telephone number: 800-698-2007
20. Facsimile number: 603-536-8698
21. Email address: _____
22. The ISO-New England asset identification number, if applicable: _____ or N/A:
23. The GIS facility code, if applicable: pending or N/A:

24. If Class I, please identify type of source below:
 wind generation solar hot water other generation.
 If other type of generation, provide a description. (Attach as "Exhibit A")
25. A list and description of the equipment used at the facility, including the REC meter and, if applicable, the inverter (Attach as "Exhibit B") **ATTACHED**
26. A copy of the interconnection agreement pursuant to Puc 307.06, if applicable, between the applicant and the distribution utility (Attach as "Exhibit C" or N/A) **ATTACHED**
27. An attestation by the applicant that the project is installed and operating in conformance with any applicable building codes (Attach as "Exhibit D" or N/A) **N/A**
28. For an installation with electric output, documentation of the applicable distribution utility's approval of the installation. (Attach as "Exhibit E" or N/A) **ATTACHED**
29. This application and all future correspondence should be sent to:
 Ms. Debra A. Howland
 Executive Director and Secretary
 State of New Hampshire
 Public Utilities Commission
 21 S. Fruit St, Suite 10
 Concord, NH 03301-2429

30. Preparer's Information:

Name: Scott C. McNeil

Title: Program Administrator - Technical

Company: New Hampshire Electric Cooperative, Inc.

Address: 579 Tenney Mountain Highway, Plymouth, NH 03264

Phone Number: 603-536-8608

Email Address: mcneils@nhcec.com

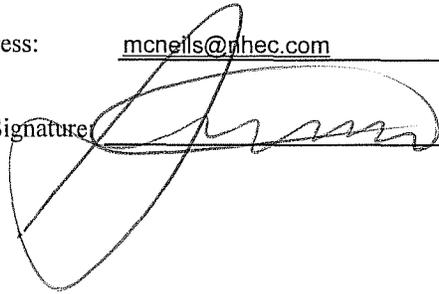
31. Preparer's Signature:  6-11-14

EXHIBIT B SUPPLEMENTAL

Melanie Ratcliffe
180 Mountain Road
Tuftonboro, NH 03816

Equipment Addition:

14	Sunwise LPC244 solar panels
14	Enphase M190 inverters

EXHIBIT C SUPPLEMENTAL



CO-OP ENERGY SOLUTIONS

Putting the Power in Your Hands

NEW HAMPSHIRE ELECTRIC CO-OP INTERCONNECTION APPLICATION-RENEWABLE GENERATION UP TO 1000 KW

PURSUANT TO NEW HAMPSHIRE ADMINISTRATIVE RULE PUC 900, APPLICANT HEREBY GIVES NOTICE OF INTENT TO INSTALL AND OPERATE A GENERATING FACILITY.

Section 1. Applicant Information

Name: John Ratcliffe / MELANIE RATCLIFFE

Mail Address: 180 Mountain Rd.

City: Tuftonboro State: NH, Zip Code: 03816

Facility Location (if different from above): _____

Daytime Phone #: _____

Distribution Utility: New Hampshire Electric Cooperative, Inc. Account #: _____

Electricity Supplier (ES) _____ Account #: _____

Section 2. Generating Facility Information

Generator Type (check one): Solar Wind _____ Hydro _____

Generator Manufacturer, Model Name & Number: SunWize LLC 244SM-08 244W w/ Samsung MC4 connector

Number of Phases of Unit: Single, Three or Other: _____

Generation output rating in Kilowatts: 3.416 kW (14 panels)

Inverter Manufacturer, Model Name & Number: M190-72-240-S12

Battery backup? Yes No

Will a generator Disconnect Switch accessible to the utility be installed? Yes No

Proposed location of Disconnect Switch, if applicable: In Garage

Section 3. Installation Information & Certification

Check if owner-installed

Installation Date: 4/17/13

Installing Electrician: Fraser Electric LLC

State of NH License #: 4146

Mail Address: 789 Whittier Hwy

City: So. Tamworth

State: NH Zip Code: 03883

Daytime Phone #: (603) 284-6618

1. The system hardware is listed to Underwriters Laboratories standards to be in compliance with UL 1741 and IEEE 929-2000:

Signed (Vendor/Supplier): [Signature]

Name (printed): Kim Frase Date: ~~4/17/13~~ 4/17/13

Company: Frase Electric LLC

Company Address: 789 Whittier Hwy., So. Tamworth, NH 03883

2. The system has been installed in compliance with the local Building/Electrical Code of

_____ (City/County)

Signed (Electrician or Town Inspector): [Signature]

Print Name: Kim Frase Date: 4/17/13

In lieu of signature by inspector, a copy of final inspection certificate may be attached.

3. The initial start-up test required by PUC 905.04 has been successfully completed.

Completed on 4/17/13 Witnessed By [Signature]

4. Utility signature to signify only receipt of this form, in compliance with the Commission's net metering rules PUC 900.

Signed (NH/EC): [Signature]

Print Name: Scott McNeil Date: 4-17-13

Signed (Electricity Supplier Representative): _____

Date: _____

5. Interconnection Date: 4/17/13

Applicant agrees to install and operate the system in accordance with PUC 900.

I hereby certify that, to the best of my knowledge, all of the information provided in this Application is true and correct.

Signature of Applicant: [Signature] Date: May 10 13

THE ELIGIBLE CUSTOMER-GENERATOR SHALL PROVIDE NEW HAMPSHIRE ELECTRIC CO- OP WITH A WRITTEN UPDATE OF THE INFORMATION ON THIS FORM AS ANY CHANGES OCCUR.

EXHIBIT E SUPPLEMENTAL

NHEC Approves of the Customer Sited Source Listed Below

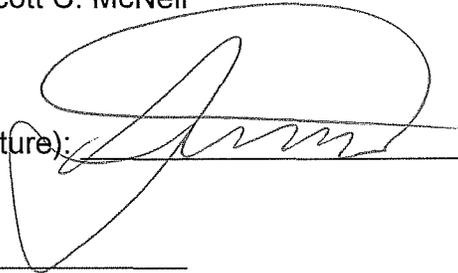
Owner Name: Melanie Ratcliffe

Project Address: 180 Mountain Rd, Tuftonboro, NH 03816

Type of Project: Solar PV addition

NHEC Representative: Scott C. McNeil

NHEC Representative (signature):

A handwritten signature in black ink, appearing to read 'Scott C. McNeil', is written over a horizontal line. The signature is stylized and cursive.

Date: 6.11.14