



9. Telephone number: 603-234-6765

10. Facsimile number: \_\_\_\_\_

11. Email address: \_\_\_\_\_

12. Equipment Vendor's Name: Intelligent Heat & Power LLC

13. Business Address: (1) PO Box 1081  
(2) \_\_\_\_\_  
(3) \_\_\_\_\_

Stratham NH 03885  
(City) (State) (Zip Code)

14. Telephone number: 877-434-1177

15. Facsimile number: \_\_\_\_\_

16. Email address: info@intelligentheatandpower.com

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 )    **ATTACHED**
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

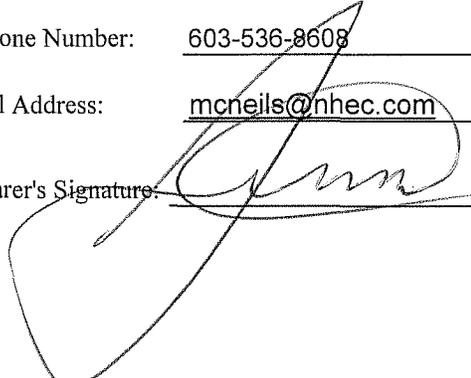
Title: Program Administrator-Technical

Company: New Hampshire Electric Cooperative, Inc.

Address: 579 Tenney Mountain Highway, Plymouth, NH 03264

Phone Number: 603-536-8608

Email Address: mcneils@nhec.com

31. Preparer's Signature:  3.31.15

# EXHIBIT B

William S Carlsen  
16 Shepherd Lane  
Epping, NH 03042

Equipment:	18	Canadian Solar CSP6 300 solar panels
	1	Solectria PVI 5200 inverter
	1	100 amp meter enclosure for REC meter
REC meter:	1	Elster Type R2S watt-hour meter # 699571 serial# 17944182 start read 000000

# EXHIBIT C



## 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: William S. Carlson

Mail Address: 16 Shepherd Lane

City: Epping State: NH Zip Code: 03042

Facility Location (if different from above): \_\_\_\_\_

Daytime Phone #: 603-679-~~34232626~~ 3626

Distribution Utility: New Hampshire Electric Cooperative, Inc. Account #: [REDACTED]

Electricity Supplier (ES) \_\_\_\_\_ Account #: \_\_\_\_\_

### Section 2. Generating Facility Information

Generator Type (check one): Solar  Wind \_\_\_\_\_ Hydro \_\_\_\_\_

Generator Manufacturer, Model Name & Number: Canadian Solar CSP6 300

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

Generation output rating in Kilowatts: 5.4KW

Inverter Manufacturer, Model Name & Number: Soletrica R15200

Battery backup?  Yes  No

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

Proposed location of Disconnect Switch, if applicable: None

### Section 3. Installation Information & Certification

1. Installer  Check if owner-installed

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

Installing Electrician: Searcoast Electrical

State of NH License #: 12297M

Mail Address: PO Box 1331

City: Portsmouth

State: NH Zip Code: 03802

Daytime Phone #: 603 234 6765

Section 3. Installation Information & Certification continued

2. 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): Jeff Brodeur Date: 11/8/2014  
Company: Intelligent Heat and Power, LLC  
Company Address: PO BOX 1081 Stratham NH 03885

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

(City/County) Epping, NH  
Signed (Electrician or Town Inspector): [Signature]  
Print Name: William Putnam Date: 12/8/14

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

4. The initial start-up test required by PUC 905.04 has been successfully completed by the electrician.

Completed on 12/31/2014 Witnessed By [Signature]

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

Signed (NHEC): [Signature]  
Print Name: W.D. McCrean Date: 12.31.14

Signed (Electricity Supplier Representative): \_\_\_\_\_  
Date: \_\_\_\_\_

6. Interconnection Date: 12.31.14

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: 12/08/14

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 D

Member Name: William S. Carlson

**NEW HAMPSHIRE ELECTRIC COOPERATIVE'S (NHEC) 2014 SOLAR  
PHOTOVOLTAIC (PV) INCENTIVE PROGRAM  
GRANTING OF RIGHTS OF RENEWABLE ENERGY CERTIFICATES (RECS) TO NHEC,  
NAMING NHEC AS DESIGNEE OF RECS, ATTESTATION OF MEMBER REGARDING  
BUILDING CODES, AND MEMBER DISCLOSURE TO FUTURE OWNERS OF THE PROPERTY  
THE TRANSFER OF RIGHTS OF RECS TO NHEC**

In exchange for receiving an incentive from NHEC, member agrees to the following:

Member forgoes in perpetuity applying directly or indirectly for any ISO-NE Forward Capacity Market payments or credits, any Renewable Energy Certificates or payments, any Regional Green House Gas Initiative payments or credits, and any other environmental or energy credits or payments resulting from this project. NHEC reserves the right to apply for the above-mentioned payments, certificates and/or credits and to receive such payments, certificates and/or credits for its own use.

Member designates in perpetuity NHEC as the recipient of its Renewable Energy Certificates resulting from this project so that NHEC can receive such Certificates directly from the issuer. Member designates in perpetuity NHEC as the recipient of any Regional Green House Gas Initiative payments or credits, and any other environmental or energy credits or payments resulting from this projects.

Member reserves the right to apply for and receive local, state, and/or federal tax credits, deductions, and/or exemptions.

Member attests that the project is installed and operating in conformance with any applicable building codes, if any.

Member will disclose this agreement to future purchasers of the property at which the project is located.

By signing below, member agrees to the terms listed herein.

Project Address: 16 Shepherd Lane, Egging, NH 03042

Type of Project (Wind, Solar Hot Water, Solar PV, other): \_\_\_\_\_

If other, describe:

W.S. Carlson  
Signature of Member

7/22/14  
Date

William S. Carlson  
Member Printed Name (if Business, Print Name of Business)

# EXHIBIT E

## NHEC Approves of the Customer Sited Source Listed Below

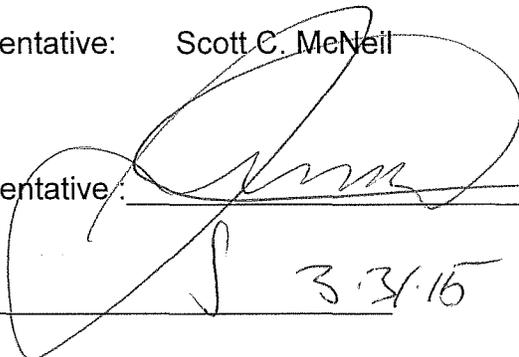
Owner Name: William S Carlsen

Project Address: 16 Shepherd Ln, Epping, NH 03042

Type of Project: Solar PV

Date REC meter set: 12/31/2014

NHEC Representative: Scott C. McNeil

NHEC Representative:   
\_\_\_\_\_

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

3.31.15