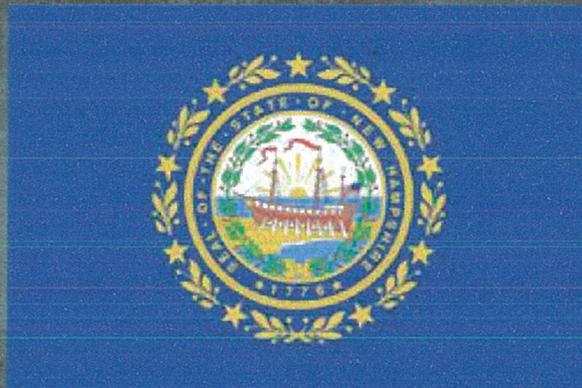


**Steve Maddock**

**4.9kW Array**

**Application for Designation as a  
Renewable Energy Source**



Prepared For:

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

Prepared By:

Revolution EnergyAggregation, LLC  
208 Market St.  
Suite 30  
Portsmouth, NH 03801

**STATE OF NEW HAMPSHIRE  
PUBLIC UTILITIES COMMISSION**

**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.

**ELIGIBILITY CLASS APPLIED FOR:**  I  II

1. **Applicant's legal name:** Steve Maddock

**Residential or** (1) Residential

**Business Address:** (2)

**(as applicable to  
the site of the  
renewable energy  
facility)**

1223 US Route 2, Randolph NH 03593  
(city) (State) (zip code)

**Telephone number:** 603-312-8213

**Email address:** smaddock@ne.rr.com

2. **List of Equipment**

20 Canadian solar cs6p-245m solar PV panels  
1 Enphase m215 microinverter

3. **Installer's Name:** Revision Energy, LLC

**Business Address:** 7 Commercial Drive, Exeter, NH 03833

**Telephone number:** 603-501-1822

**Facsimile number:** 603-782-0993

**Email address:** heather@revisionenergy.com

**License Number:** 1319M

State of New Hampshire Public Utilities Commission  
**For customer-sited renewable energy source eligibility**

4. **Equipment**

**Vendors Name:** Sourced through installer, Revision Energy, LLC

**Business Address:**

**Telephone number:**

**Facsimile number:**

**Email address:**

5. **Independent Monitor's**

**Name:** Paul Button

**Business Address:** 85 Yvette St., Manchester, NH 03102

**Telephone number:** 603-836-4402

**Facsimile number:**

**Email address:** pbutton@energy-audits-unltd.com

**The ISO-New England asset identification number, if applicable: 15299**

**The GIS facility code, if applicable: pending or N/A:**

**If Class I, please identify type of source below:**

wind generation       solar hot water       other generation.

**6. A copy of the interconnection agreement pursuant to Puc 307.06, if applicable, between the applicant and the distribution utility. (Attach as "Exhibit C") ATTACHED**

**7. An attestation by the applicant that the project is installed and operating in conformance with any applicable building codes. (Attach as "Exhibit D") ATTACHED**

**8. For an installation with electric output, documentation of the applicable distribution utility's approval of the installation. (Attach as "Exhibit E" ) 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

State of New Hampshire Public Utilities Commission  
For customer-sited renewable energy source eligibility

30. Preparer's Information

Name: Mike Behrmann

Title: Member

Company: Revolution Energy Aggregation, LLA

Address: 208 Market Street, Suite 30, Market Street, Portsmouth, NH 03801

Phone number: 508.395.5012

Email Address: [mike@rev-en.com](mailto:mike@rev-en.com)

31. Preparer's Signature



8/20/13

Date

**Exhibit B – List of Equipment**

20 Canadian solar cs6p-245m solar PV panels

207 Enphase m215 microinverter

Utility grade meter installed to utility specifications

**Exhibit C – Interconnection Application**

**Exhibit D- Attestation of installation**

The solar array will be installed and will operate in conformance with any applicable building codes.

Stephen Maddock 

Date 8/20/13

**Exhibit E – Acceptance of Installation by Unitil**

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

RECEIVED  
AUG 30 2012

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

Contact Information:

Date Prepared: 8/21/12

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

Customer or Company Name (print): Stephen Maddock

Contact Person, if Company:

Mailing Address: 27 HIGHLAND AVE

City: SOUTH BERWICK State: ME Zip Code: 03908

Telephone (Daytime): 207-384-5485 (Evening):

Facsimile Number: E-Mail Address: smaddock@ne.rr.com

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

Name: ReVision Energy, Heather Fournier

Mailing Address: 7 Commercial Drive

City: Exeter State: NH Zip Code: 03833

Telephone (Daytime): 603-501-1822 (Evening):

Facsimile Number: 603-782-0993 E-Mail Address: heather@revisionenergy.com

Electrical Contractor Contact Information (if appropriate):

Name: Telephone:

Mailing Address:

City: State: Zip Code:

Facility Information:

✓ Address of Facility: 1223 US Route 2

City: Randolph State: NH Zip Code: 03598 03593

✓ Electric Service Company: PSNH Account Number: 56686011024 Meter Number: ~~535832802~~

Electricity Supply Company: P Account Number: 695426600

<sup>3KW</sup> ✓ Generator/Inverter Manufacturer: Enphase Model Name and Number: M215 Quantity: 20

Nameplate Rating: 4.30 (kW) (kVA) 240 (AC Volts) Single  or Three  Phase

System Design Capacity: (kVA) (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: Oct 12 Estimated In-Service Date: Oct 12

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: [Signature] Title: Owner Date: 8/28/2012

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

Company Signature: [Signature] Title: SR. ENGINEER Date: 8-30-12

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

**Terms and Conditions for Simplified Process Interconnections**

PSNH waives inspection/Witness Test: Yes  No  Date of inspection/Witness Test: \_\_\_\_\_ Witness Test Waived

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).