

October 18, 2013

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

Ms. Howland,

Solar Farm Bank LLC (SFB) New Hampshire Certification Code NH-II-13-O10 requests the New Hampshire Public Utilities Commission (Commission) grant its approval and certification of our account for Class II REC for the photovoltaic array of:

Hauch Storage
2185 Woodbury Avenue
Newingotn, NH 03801
John Hauch
Telephone # 603-236-1869
Email hauchstoragenh@gmail.com

In Support of the request for Class II eligibility for the Hauch Storage, SFB submits an original and two copies of the completed application, required documentation and supplemental supporting information.

Thank you for your consideration of SFB's request. If you have any questions or need additional information, please contact me directly.

Stephen Hirsh,

President

Solar Farm Bank LLC. 508-259-2419
Mailing address: P O Box 24 Medway, MA 02053
Office address: 205 Shaw Farm Rd Holliston, MA 01746
Solarfarmbank@gmail.com



State of New Hampshire
Public Utilities Commission



21 S. Fruit Street, Suite 10, Concord, NH 03301-2429

**DRAFT APPLICATION FORM FOR
RENEWABLE ENERGY SOURCE ELIGIBILITY FOR CLASS I AND CLASS II
SOURCES WITH A CAPACITY OF 100 KILOWATTS OR LESS**

Pursuant to New Hampshire Administrative Code [Puc 2500](#) Rules including [Puc 2505.08](#), Certification of Certain Customer-Sited Sources

- Please submit one (1) original and two (2) paper copies of the completed application and cover letter* to:

Debra A. Howland
Executive Director

New Hampshire Public Utilities Commission
21 South Fruit Street, Suite 10
Concord, NH 03301-2429

- Send an electronic version of the completed application and the cover letter electronically to executive.director@puc.nh.gov.

* The cover letter must include complete contact information and identify the renewable energy class for which the applicant seeks eligibility. Pursuant to Puc 2505.01, the Commission is required to render a decision on an application within 45 days of receiving a completed application.

If you have any questions please contact Barbara Bernstein at (603) 271-6011 or Barbara.Bernstein@puc.nh.gov.

Check the applicable class:

Eligibility Requested for Class I Class II

Applicant Name: Hauch Storage

Mailing Address: 2185 Woodbury Avenue

Town/City: Newington State: NH Zip Code: 03801

Primary Contact: John Hauch

Telephone: 603-235-1869 Cell: _____

Email address: hauchstoragenh@gmail.com

The facility name and contact information (if different than applicant contact information).

Facility Name: Same as above

Mailing Address: _____

Town/City: _____ State: _____ Zip Code: _____

Primary Contact: _____

Telephone: _____ Cell: _____

Email address: _____

Provide a complete list of the equipment used at the facility, including the meter, and, if applicable, the inverter:

quantity		quantity	
60	Solar World SW255 255W Modules	1	GE, Kilowatt Hour Utility Meter with EZ Read 100A, 120/240VAC, CEC Approved
2	SMA SunnyBoy SB7000US Inverters	1	SMA WebBox Monitoring
1	Racking		

What is the nameplate capacity of your facility? 15.3 kW DC

What was the initial date of operation? 3/4/2013

*This is typically included in the interconnection agreement. Provide this documentation as **Attachment A**.*

Provide the name, license number and contact information of the installer, or indicate that the equipment was installed directly by the customer.

Installer Name: Harmony Energy Works Incorporated

Installer Address: 10 Gale Rd

License #: NABCEP PV Installer #032611-147

Town/City: Hampton State: NH Zip Code: 03842

Telephone: 603-926-3366 Cell: 603-512-3377

Email address: _____

If the equipment was installed directly by the customer, please check here:

Provide the name and contact information of the equipment vendor:

Check here if the installer and the equipment vendor were one and the same.

Business Name: _____
Vendor's Name: _____
Business Address: _____
Town/City: _____ State: _____ Zip Code: _____
Telephone: _____ Cell: _____
Email address: _____

If an independent electrician was used, please provide the following information:

Electrician's Name: Paul Miner
Business Name: Miner Electric
Business Address: 9 Tansy Lane
Town/City: Stratham State: NH Zip Code: 03885
License # 3941M

Provide the name and contact information of the independent monitor for this facility.

(A [list](http://www.puc.nh.gov/Sustainable%20Energy/Renewable_Energy_Source_Eligibility.htm) of independent monitors is available at:
http://www.puc.nh.gov/Sustainable%20Energy/Renewable_Energy_Source_Eligibility.htm.)

Independent Monitor's Name: Paul Button
Town/City: Manchester State: NH Zip Code: 03104
Telephone: 603-617-2469 Cell: 603-836-4402
Email address: pbutton@energy-audits-unltd.com

Provide documentation of the applicable distribution utility's approval of the installation (This is usually included in the interconnection agreement.) If this documentation is separate from the interconnection document, please provide this as **Attachment B**.

Is the facility certified under another state's renewable portfolio standard? yes _____ no X
If "yes", then provide proof of the certification as **Attachment C**.

In order to qualify your facility's electrical production for Renewable Energy Certificates (RECs), you must register with the NEPOOL – GIS. Contact information for the GIS administrator follows:

James Webb
Registry Administrator, APX Environmental Markets
224 Airport Parkway, Suite 600, San Jose, CA 95110
Office: 408.517.2174
jwebb@apx.com

Mr. Webb will assist you in obtaining a GIS facility code and, if applicable, an ISO-New England asset ID number.

GIS Facility Code # NON-35889 Asset ID # Not Needed

Complete an attestation by the applicant that the project is installed and operating in conformance with any applicable state/local building codes. Use either the following attestation or provide a separate document as **Attachment D**.

AFFIDAVIT

The Undersigned applicant declares under penalty of perjury that the project is installed and operating in conformance with all applicable building codes.

Applicant's Signature Not needed if above supplied Date _____

Applicant's Printed Name _____

Subscribed and sworn before me this _____ Day of _____ (month) in the year

County of _____ State of _____

Notary Public/Justice of the Peace

My Commission Expires _____

CHECK LIST: The following has been included to complete the application:	YES
• All contact information requested in the application.	X
• A copy of the interconnection agreement (Attachment A.)	X
• Documentation of the distribution utility's approval of the installation. (Attachment B.)*	X
• Documentation of the nameplate capacity. (Attachment C.)*	X
• A signed and notarized attestation or Attachment D.	X
• A GIS number has been requested or obtained.	X
• The distribution utility's approval of the installation.*	X
• The document has been printed and notarized.	X
• The original and 2 copies are included in the packet mailed to Debra Howland, Executive Director of the PUC.	X
• An electronic version of the completed application has been sent to executive.director@puc.nh.gov .	X
<i>*Usually included in the interconnection agreement. If the interconnection agreement contains this information, attachments B and C are not necessary.</i>	

PREPARER'S INFORMATION

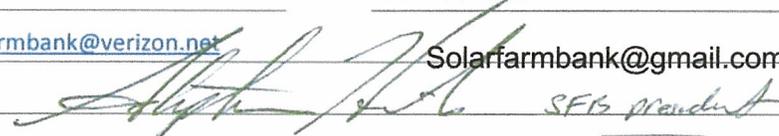
Preparer's Name: Solar Farm Bank LLC //Stephen Hirsh

Mailing Address: 205 Shaw Farm Rd

Town/City: Holliston State: MA Zip Code: 02746

Telephone: 508-893-8993 fax 508-893-8991 Cell: 508-259-2419

Email address: solarfarmbank@verizon.net Solarfarmbank@gmail.com

Preparer's Signature:  SFBs prandit

ATTACHMENT A

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

Simplified Process Interconnection Application and Service Agreement

Contact Information Date Prepared: October 15, 2012
Legal Name and Address of Interconnecting Customer (or Company name if appropriate)
Customer or Company Name (print): Hauch Storage
Contact Person if Company: John Hauch / Katie Hood
Mailing Address: 2185 Woodbury Avenue
City: Newington State: NH Zip Code: 03801
Telephone (Daytime): (603) 235-1869 (Evening): _____
Facsimile Number: _____ E-Mail Address: hauchstoragenh@gmail.com

Alternative Contact Information (e.g., system installation contractor or coordinating company, if appropriate)
Name: George Horrocks / Harmony Energy Works Incorporated
Mailing Address: 10 Gale Road
City: Hampton State: New Hampshire Zip Code: 03842
Telephone (Daytime): 603-926-3366 (Evening): 603-512-3377
Facsimile Number: _____ E-Mail Address: george.horrocks@harmonyenergyworks.com

Electrical Contractor Contact Information (if appropriate)
Name: Paul Miner / Miner Electric Telephone: 603-772-6807
Mailing Address: 9 Tansy Lane
City: Stratham State: New Hampshire Zip Code: 03885

Facility Information
Address of Facility: 2185 Woodbury Avenue
City: Newington State: NH Zip Code: 03801
Electric Service Company: PSNH Account Number: 5679351065 Meter Number: W70040823
Inverter Manufacturer: SMA Model Name and Number: SB7000US Quantity: 2
Nameplate Rating: 8.75 (kW) (kVA): 240 AC Voits: Single or Three Phase
System Design Capacity: 14 (kVA) (kVA)
Net Metering: Renewable 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 (IEEE 1547) Listed? Yes No
Estimated Install Date: 11/1/2012 Estimated In-Service Date: 12/15/2012

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: John Hauch Title: Owner Date: 10/15/2012

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: Michael White Title: Sr. Eng, SEED Date: 11-19-12
Company waives inspection / Witness Test? Yes No

RECEIVED
NOV 08 2012
SESD

THERE ARE 2
METERS AT
THIS LOCATION
GOING BEHIND
W70040823.

CONFIRMED W/ GEORGE
THERE WILL BE AN
EXTERNAL AC
BX SWITCH.

14KW

Attachment B

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

Exhibit B - Certificate of Completion for Simplified Process Interconnections

Installation Information:

Check if owner-installed

Customer or Company Name (print): Hauch Storage
Contact Person, if Company: John Hauch / Katie Hood
Mailing Address: 2185 Woodbury Avenue
City: Newington State: NH Zip Code: 03801
Telephone (Daytime): (603) 235-1869 (Evening): _____
Facsimile Number: _____ E-Mail Address: hauchstoragenh@gmail.com

Address of Facility (if different from above): _____
City: _____ State: _____ Zip Code: _____
Generation Vendor: Harmony Energy Works Contact Person: George Horrocks

I hereby certify that the system hardware is in compliance with Puc 900.

Vendor Signature: _____

Date: 2/26/2013

Electrical Contractor's Name (if appropriate): Paul Miner / Miner Electric
Mailing Address: 9 Tansy Lane
City: Stratham State: New Hampshire Zip Code: 03885
Telephone (Daytime): (603) 772-6807 (Evening): _____
Facsimile Number: _____ E-Mail Address: minerelectri@comcast.net
License number: 3948M

Date of approval to install Facility granted by the Company: 11/19/2012 Installation Date: 2/22/2013

Application ID number: N2U08

Inspection:

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

Newington, NH

(City/County)

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

Name (printed): MICHAEL JI REGAN

Date: 02/26/2013

Customer Certification:

I hereby certify that, to the best of my knowledge, all the information contained in this Interconnection Notice is true and correct. This system has been installed and shall be operated in compliance with applicable electrical standards. Also, the initial start up test required by Puc 905.04 has been successfully completed.

Customer Signature: _____

Date: 2/26/2013



ATTACHMENT B

George Horrocks <george.horrocks@harmonyenergyworks.com>

Fw: #N2608 Hauch Storage PV (Newington) - Processed Application with Conditions

1 message

katherine.roberge@nu.com <katherine.roberge@nu.com>

Mon, Mar 4, 2013 at 12:56 PM

To: hauchstoragenh@gmail.com

Cc: george.horrocks@harmonyenergyworks.com

Dear Hauch Storage:

We have processed the Exhibit B - Certificate of Completion for project # N2608 Hauch Storage PV (Newington) located at 2185 Woodbury Ave., Newington, NH.

The Certificate of Completion has been reviewed and processed. Enrollment into the Net Metering program is complete and you may interconnect your project to the PSNH electrical distribution system in accordance with the *New Hampshire Code of Administrative Rules Chapter Puc 900 Net Metering For Customer-Owned Renewable Energy Generation Resources of 1000 Kilowatts or Less*, and the *Terms and Conditions for Simplified Process Interconnections*. Attached for your records is a copy of the "Certificate of Completion" and the "Simplified Process Interconnection Application and Service Agreement."

Please contact Michael D. Motta , Supplemental Energy Sources, at Michael.Motta@nu.com or by calling (603) 634-2920 should you have any questions or require additional information.

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2 attachments

N2608 Hauch Storage - Certificate of Completion.pdf
72K

N2608 Hauch Storage - Processed Application.pdf
194K

ATTACHMENT D

DE 13-307



Harmony ENERGY WORKS

10 Gale Rd
Hampton, NH 03842
603-926-3366



**HAUCH STORAGE –
COMMISSIONING REPORT & CERTIFICATION OF SYSTEM OPERATION**

I am pleased to present this Letter of Certification in regards to the 15.3 kW - DC (STC) solar photovoltaic (PV) system installed at 2185 Woodbury Avenue, Newington, NH. In my role and capacity as PV Project Manager for the above installation, I do hereby certify that the 15.3 kW PV system has been inspected, commissioned, and interconnected with the grid and was officially placed in service on March 4, 2013. The project was installed and is operating in conformance with any applicable state/local building codes. The 15.3 kW PV system consists of 60 - 255W Solar World solar modules, 2 SMA SB7000US inverters, a revenue-grade solar production meter and AC disconnect. All solar PV panels, inverters, and balance of system equipment are operating properly and as designed. The power output of the solar PV system is being fed into the PSNH grid as per the terms and conditions of the PSNH Standard Interconnection Agreement and *CHAPTER PUC 900 Net Metering For Customer-Owned Renewable Energy Generation Resources Of 1000 Kilowatts Or Less* of the NH Public Utility Commission (NHPUC).

Installers's Signature *George Horrocks* Date 10/29/2013

Installer's Printed Name George Horrocks

Subscribed and sworn before me this 29 Day of OCTOBER (month) in the year 2013

County of Rockingham State of New Hampshire

Ryan S. Nickerson
Notary Public/Justice of the Peace

My Commission Expires OCT. 3, 2017

