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October 1, 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:

Harmony Energy Investments
George Horrocks
10 Gale Road
Hampton, NH 03842
Telephone # 603-926-3366
Email: George.horrocks@harmonyenergyworks.com

In Support of the request for Class II eligibility for the Harmony Energy Investments, 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: Harmony Energy Investments – Derryfield LLC

Mailing Address: 10 Gale Road

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

Primary Contact: George Horrocks

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

Email address: George.horrocks@harmonyenergyworks.com

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

Facility Name: Derryfield School
Mailing Address: 2108 River Road
Town/City: Manchester State: NH Zip Code: 03104
Primary Contact: Gary Harper
Telephone: 603.624.0149 Cell: _____
Email address: gharper@derryfield.org

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

quantity		quantity	
72	Solar World SW265 265W Modules	1	GE, Kilowatt Hour Utility Meter with EZ Read 100A, 120/240VAC, CEC Approved
2	SMA SB8000US Inverters	1	SMA WebBox Monitoring
1	Racking - IronRidge		

What is the nameplate capacity of your facility? 19.08 kW DC

What was the initial date of operation? 8/20/2013

*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: George.horrocks@harmonyenergyworks.com

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 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 _____

ATTACHMENT D



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



13-285



**HARMONY ENERGY INVESTMENTS – DERRYFIELD LLC –
COMMISSIONING REPORT & CERTIFICATION OF SYSTEM OPERATION**

I am pleased to present this Letter of Certification in regards to the 19.08 kW - DC (STC) solar photovoltaic (PV) system installed at 2108 River Road, Manchester, NH. In my role and capacity as PV Project Manager for the above installation, I do hereby certify that the 19.08 kW PV system has been inspected, commissioned, and interconnected with the grid and was officially placed in service on August 20, 2013. The project was installed and is operating in conformance with any applicable state/local building codes. The 19.08kW PV system consists of 72 - 265W Solar World solar modules, 2 SMA SB8000US 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

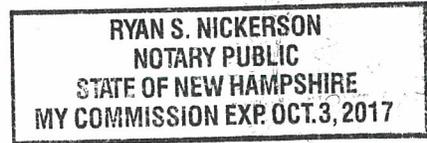
Installer's Printed Name George Horrocks

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



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, nameplate capacity and date of operation (Attachment A.)	X
• Documentation of the distribution utility's approval of the installation.* (Attachment B.)	X
• If the facility is participating in another state's renewable portfolio standard (RPS) program, documentation of certification in other state's RPS. (Attachment C).	N/A
• A signed and notarized attestation or Attachment D.	X
• A GIS number has been 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, attachment B is not necessary.</i>	

PREPARER'S INFORMATION

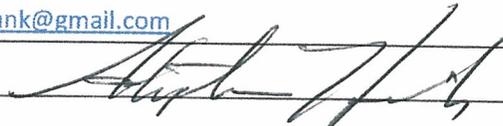
Preparer's Name: Solar Farm Bank LLC //Stephen Hirsh

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@gmail.com

Preparer's Signature:  SFB CEO

ATTACHMENT A

RECEIVED JUN 11 2013

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

BY:.....

Simplified Process: Interconnection Application and Service Agreement

Contact Information Date Prepared: 6/7/2013
Legal Name and Address of Interconnecting Customer (or Company name if appropriate):
Customer or Company Name (omit): Derryfield School
Contact Person, if Company: Gary Harper
Mailing Address: 2108 River Road
City: Manchester State: NH Zip Code: 03104
Telephone (Daytime): (603) 622-5875 (Evening):
Facsimile Number: 624-6143 E-Mail Address:

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: 91 Moss Lane
City: Stratham State: New Hampshire Zip Code: 03885

Facility Information
Address of Facility: 2108 River Road 2176 RIVER ROAD
City: Manchester State: NH Zip Code: 03104
Electric Service Company: PSNH Account Number: 56029375003 Meter Number: 980223808 980223898
Inverter Manufacturer: SMA Model Name and Number: SB10000-11 Quantity: 2
Nameplate Rating: 10KW kW (kVA) 30 Volts Single X or Three Phase
System Design Capacity: 20 kW (kVA)
Net Metering: If Renewable Fueled will the account be Net Metered? Yes X No
Prime Mover: Photovoltaic X Reciprocating Engine Fuel Cell Turbine Other
Energy Source: Solar X Wind Hydro Diesel Natural Gas Fuel Oil Other
UL 1741 (IEEE 1547) Listed? Yes X No

20KW

* DISCONNECT REQUIRED SEE NOTE:

Estimated Install Date: 7/1/2013 Estimated In-Service Date: 8/31/2013

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: Gary Harper Title: Director of Facility Date: 6/11/13
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 (Any system modifications required? Yes No To be Determined)
Company Signature: Michael DeLotha Title: SR. ENGINEER Date: 6-14-13
Company waives inspection / Witness Test? Yes No

HOOKSETT 14X180 MAPA P. 10/130Y XFMR. 37.5 PHASE 3 (C)
PINEHILL 5/2-PTF

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): Derryfield School
Contact Person, if Company: Gary Harper
Mailing Address: 2108 River Road
City: Manchester State: NH Zip Code: 03104
Telephone (Daytime): (603) 624-6143 (Evening): _____
Facsimile Number: _____ E-Mail Address: gharper@derryfield.org

Address of Facility (if different from above): 2176 River Road
City: Manchester State: NH Zip Code: 03885

Generation Vendor: Harmony Energy Works Incorporated Contact Person: George Horrocks

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

Vendor Signature: [Signature] Date: 2/20/2013

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): 603-772-6807
Facsimile Number: _____ E-Mail Address: minerelectric@comcast.net
License number: 3948M

Date of approval to install Facility granted by the Company: 6-14-2013 Installation Date: 8-20-2013

Application ID number: N2713

Inspection:

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

Manchester Hillsborough [Signature]
(City County)

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

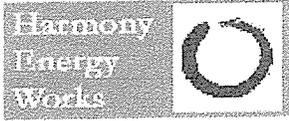
Name (printed): RICHARD G. LEBERT

Date: 8-20-2013

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: [Signature] Date: 8/20/13



#N2713 Derryfield School PV (Manchester) - Certificate of Completion Processed

katherine.roberge@nu.com <katherine.roberge@nu.com>
To: george.horrocks@harmonyenergyworks.com
Cc: michael.motta@nu.com, richard.labrecque@nu.com

Tue, Sep 3, 2013 at 3:30 PM

Dear Mr. Harper:

We have processed the Exhibit B - Certificate of Completion for project # N2713 Derryfield School PV (Manchester) located at 2176 River Road, Manchester, 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

 **N2713 Derryfield School PV - Processed Application.pdf**
241K

 **N2713 Derryfield School PV - Certificate of Completion.pdf**
71K