

NHPUC 27 JAN 14 AM 11:48

January 24, 2014

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:

Second Bennett Way Limited Partnership  
 600 Bennett Way  
 Newmarket, NH 03857  
 Telephone # 603-659-5665  
 Email [hgertel@aol.com](mailto:hgertel@aol.com)

In Support of the request for Class II eligibility for the Second Bennett Way Limited Partnership, 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](mailto: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](mailto: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](mailto:Barbara.Bernstein@puc.nh.gov).

Eligibility Requested for: Class I  Class II

Is this facility part of an aggregation? YES  NO

If the facility is part of an aggregation,  
please list the aggregator's name:

Solar Farm Bank

Applicant Name: Second Bennett Way Limited Partnership

Mailing Address: 600 Bennett Way

Town/City: Newmarket State: NH Zip Code: 03857

Primary Contact: Harvey Gertel / Scott Foster

Telephone: 603-659-5665

Cell: \_\_\_\_\_

Email address: hgertel@aol.com

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

Facility Name: Building 4 & Building 6  
Mailing Address: 600 Bennett Way  
Town/City: Newmarket State: NH Zip Code: 03857  
Primary Contact: Harvey Gertel / Scott Foster  
Telephone: 603-659-5665 Cell: \_\_\_\_\_  
Email address: hgertel@aol.com

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

quantity		quantity	
178	Solar World SW270 270W Modules	2	GE FM 02S 240V 3W CL200 EZ Meter
178	Enphase M215 MicroInverter	2	Enphase Envoy Monitoring
2	Racking - IronRidge		

What is the nameplate capacity of your facility? 48.06 kW DC

What was the initial date of operation? 12/19/13

*This information 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 # 3948M

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](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](mailto: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](mailto:jwebb@apx.com)

Mr. Webb will assist you in obtaining a GIS facility code and, if applicable, an ISO-New England asset ID number. Please note, if your facility is part of an aggregation, your aggregator should provide you with this information.

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

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

**The Commission requires a notarized affidavit as part of the application.**

**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, 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 <a href="mailto:executive.director@puc.nh.gov">executive.director@puc.nh.gov</a> .	X
<i>*Usually included in the interconnection agreement. If the interconnection agreement contains this information, attachment B is not necessary.</i>	

**PREPARER'S INFORMATION**

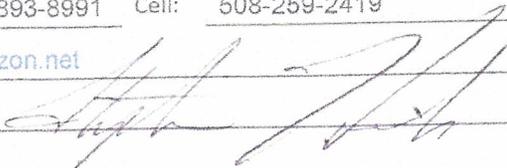
Preparer's Name: Solar Farm Bank LLC //Stephen Hirsh

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@verizon.net](mailto:solarfarmbank@verizon.net)

Preparer's Signature:  SF to rep

# ATTACHMENT A, pg. 1

Project ID #  
N2836

For Meter #05030073 - Bid #4

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

RECEIVED  
NOV 20 2013

## Simplified Process Interconnection Application and Service Agreement

BY: .....

Contact Information:

Date Prepared: 10/18/2013

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

Customer or Company Name (print): Second Bennett Way Limited Partnership

Contact Person, if Company: Harvey Gertel / Scott Foster

Mailing Address: 600 Bennett Way

City: Newmarket State: NH Zip Code: 03857

Telephone (Daytime): 603-659-5665 (Evening):

Facsimile Number: E-Mail Address: hgertel@aol.com / scott@scpmgmt.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: 4 Bennett Way ✓ **400 BENNETT WAY**

City: Newmarket State: NH Zip Code: 03857

Electric Service Company: PSNH Account Number: 56304451099 ✓ Meter Number: 05030073 ✓

Inverter Manufacturer: Enphase Model Name and Number: M215 ✓ Quantity: 80 ✓

Nameplate Rating: .215\*80 (kW) (kVA) 208 (AC Volts) Single X or Three Phase

System Design Capacity: .215\*80 (kW) (kVA) (215w \* 80 = 17.2 KW)

Net Metering: If Renewably 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 1741.1 (IEEE 1547.1) Listed? Yes X No

Estimated Install Date: 11/1/2013 Estimated In-Service Date: 12/31/2013

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: X Title: Date:

Please attach any documentation provided by the inverter manufacturer describing the inverter's UL 1742 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 X)

Company Signature: *Harvey Gertel* Title: *MANAGER* Date: *10/25/13*

Company waives inspection / Witness Test? Yes No ✓

*Michael Motta* Sr. ENGINEER 10.4.13

17.2KW ✓

# ATTACHMENT A, pg. 2

RECEIVED  
NOV 20 2013

Project ID #  
N2837

BY:.....

For Meter #05049415 - Bldg #6

## 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: 10/18/2013  
 Legal Name and Address of Interconnecting Customer (or, Company name, if appropriate)  
 Customer or Company Name (print): Second Bennett Way Limited Partnership  
 Contact Person, if Company: Harvey Gertel / Scott Foster  
 Mailing Address: 600 Bennett Way  
 City: Newmarket State: NH Zip Code: 03857  
 Telephone (Daytime): 603-659-5665 (Evening): \_\_\_\_\_  
 Facsimile Number: \_\_\_\_\_ E-Mail Address: hgertel@aol.com / scott@scmgmnt.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

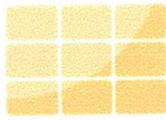
Facility Information:  
 Address of Facility: 6 Bennett Way 600 BENNETT WAY  
 City: Newmarket State: NH Zip Code: 03857  
 Electric Service Company: PSNH Account Number: 56762451052 ✓ Meter Number: 05049415 ✓  
 Inverter Manufacturer: Enphase Model Name and Number: M215 Quantity: 98  
 Nameplate Rating: .215\*98 (kW) (kVA) 208 (AC Volts) Single  or Three \_\_\_\_\_ Phase  
 System Design Capacity: .215\*98 (kW) (kVA) (215 W \* 98 = 21.07KW) ✓  
 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 \_\_\_\_\_  
 Estimated Install Date: 11/1/2013 Estimated In-Service Date: 12/31/2013

21.07 KW

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: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_  
 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: Harvey Gertel Title: MANAGER Date: 10/20/13  
 Company waives inspection / Witness Test? Yes \_\_\_\_\_ No

Michael Motta SR ENGINEER 12.4.13



**Harmony**  
ENERGY WORKS

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



**SECOND BENNETT WAY LIMITED PARTNERSHIP –  
COMMISSIONING REPORT & CERTIFICATION OF SYSTEM OPERATION**

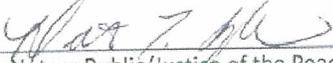
I am pleased to present this Letter of Certification in regards to the 26.46 kW - DC (STC) solar photovoltaic (PV) system installed at 600 Bennett Way, Newmarket, NH. In my role and capacity as PV Project Manager for the above installation, I do hereby certify that the 26.46 kW PV system has been inspected, commissioned, and interconnected with the grid and was officially placed in service on December 19, 2013. The project was installed and is operating in conformance with any applicable state/local building codes. The 26.46 kW PV system consists of 98 - 270W Solar World solar modules, 98 Enphase M215 Microinverters, 1 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  Date 1/6/14

Installer's Printed Name George Horrocks

Subscribed and sworn before me this 6<sup>th</sup> Day of January (month) in the year 2014

County of Rockingham State of New Hampshire

  
Notary Public/Justice of the Peace



My Commission Expires March 30, 2016

# ATTACHMENT B, pg. 1

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

RECEIVED  
DEC 19 2013  
30073

BY: .....

## Exhibit B - Certificate of Completion for Simplified Process Interconnections

Installation Information:

Check if owner-installed

Customer or Company Name (print): Second Bennett Way Limited Partnership  
Contact Person, if Company: Harvey Gertel / Scott Foster  
Mailing Address: 600 Bennett Way  
City: Newmarket State: NH Zip Code: 03857  
Telephone (Daytime): 603-659-5665 (Evening): \_\_\_\_\_  
Facsimile Number: \_\_\_\_\_ E-Mail Address: hgertel@aol.com / scott@scgmgmnt.com

Address of Facility (if different from above): 400 Bennett Way  
City: Newmarket State: NH Zip Code: 03857

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: *George Horrocks*

Date: 12/17/2013

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: 35945M

Date of approval to install Facility granted by the Company: 12/4/2013 Installation Date: 12/1 - 12/16/13

Application ID number: N2836

Inspection:

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

Newmarket / Rockingham

(City/County)

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

Name (printed): Michael Hoffman

Date: 12/18/2013

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: 12/18/13

# ATTACHMENT B, pg. 2

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

Meter #05049415  
Bldg #6

## Exhibit B - Certificate of Completion for Simplified Process Interconnections

RECEIVED  
DEC 19 2013

Installation Information:

Check if owner-installed

Customer or Company Name (print): Second Bennett Way Limited Partnership BY: \_\_\_\_\_  
Contact Person, if Company: Harvey Gertel / Scott Foster  
Mailing Address: 600 Bennett Way  
City: Newmarket State: NH Zip Code: 03857  
Telephone (Daytime): 603-659-5665 (Evening): \_\_\_\_\_  
Facsimile Number: \_\_\_\_\_ E-Mail Address: hgertel@aol.com / scott@scgmgmt.com

Address of Facility (if different from above): 600 Bennett Way  
City: Newmarket State: NH Zip Code: 03857  
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: *George Horrocks* Date: 12/17/2013

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: 12/1/13 Installation Date: 12/1-12/16/13  
Application ID number: N2837

Inspection:

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

Newmarket / Rockingham

(City/County)

Signed (Local Electrical Wiring Inspector, or attach signed electrical inspection): *Michael Hoffman*

Name (printed): Michael Hoffman

Date: 12/18/2013

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: 12/18/13



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



**SECOND BENNETT WAY LIMITED PARTNERSHIP –  
COMMISSIONING REPORT & CERTIFICATION OF SYSTEM OPERATION**

I am pleased to present this Letter of Certification in regards to the 21.6 kW - DC (STC) solar photovoltaic (PV) system installed at 400 Bennett Way, Newmarket, NH. In my role and capacity as PV Project Manager for the above installation, I do hereby certify that the 21.6 kW PV system has been inspected, commissioned, and interconnected with the grid and was officially placed in service on December 19, 2013. The project was installed and is operating in conformance with any applicable state/local building codes. The 21.6 kW PV system consists of 80 - 270W Solar World solar modules, 80 Enphase M215 Microinverters, 1 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 1/6/14

Installer's Printed Name George Horrocks

Subscribed and sworn before me this 6<sup>th</sup> Day of January (month) in the year 2014

County of Rockingham State of New Hampshire



*Matthew T. Willobee*  
Notary Public/Justice of the Peace

My Commission Expires March 30, 2016