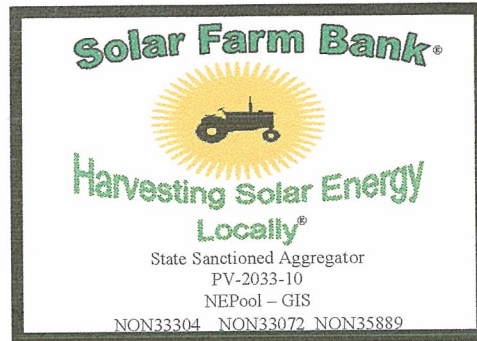


DE13-145

NHPUC MAY14'13 AM10:01



May 13, 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:

Melinda Realty Associates  
Peter Bielagus  
324 South River Road  
Bedford, NH 03301  
Telephone # 603-668-7046  
Email: peterbielagus@gmail.com

In Support of the request for Class II eligibility for the Peter Bielagus, 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](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).

Check the applicable class:

Eligibility Requested for Class I ☐ Class II ☒

Applicant Name: Melinda Realty Associates

Mailing Address: 324 South River Road

Town/City: Bedford State: NH Zip Code: 03301

Primary Contact: Peter Bielagus

Telephone: (603) 668-7046 Cell: \_\_\_\_\_

Email address: peterbielagus@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	
48	Solar World SW255 Modules		
1	Fronius 11.4-3 Inverter		
1	Racking - Schletter		

What is the nameplate capacity of your facility? 11.4 kW  
(based on the size of the inverter(s) \_\_\_\_\_)

What was the initial date of operation? 2/8/2013

*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 Road

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](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](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**.

## Attachment D

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.

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 [Signature] Date 5/10/13

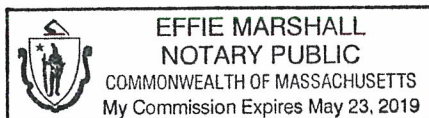
Applicant's Printed Name Stephen Hirsch

Subscribed and sworn before me this 10<sup>th</sup> Day of May (month) in the year

County of Middlesex State of Massachusetts

[Signature]  
Notary Public/Justice of the Peace

My Commission Expires May 23, 2019



CHECK LIST: The following has been included to complete the application:	YES
• All contact information requested in the application.	
• A copy of the interconnection agreement, nameplate capacity and date of operation (Attachment A.)	
• Documentation of the distribution utility's approval of the installation.* (Attachment B.)	
• If the facility is participating in another state's renewable portfolio standard (RPS) program, documentation of certification in other state's RPS. (Attachment C).	
• A signed and notarized attestation or Attachment D.	
• A GIS number has been obtained.	
• The distribution utility's approval of the installation.*	
• The document has been printed and notarized.	
• The original and 2 copies are included in the packet mailed to Debra Howland, Executive Director of the PUC.	
• 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> .	
<i>*Usually included in the interconnection agreement. If the interconnection agreement contains this information, attachment B is not necessary.</i>	

**PREPARER'S INFORMATION**

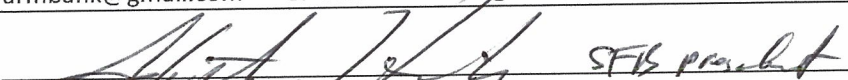
Preparer's Name: Solar Farm Bank LLC / Stephen Hirsh

Mailing Address: 205 Shaw Farm Rd

Town/City: Holliston State: MA Zip Code: 01746

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

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

Preparer's Signature:  SFBS president

# ATTACHMENT A

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

RECEIVED  
OCT 12 2012  
5550

### Simplified Process Interconnection Application and Service Agreement

#### Contact Information

Date Prepared: September 21, 2012

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

Customer or Company Name (print): Melinda Realty Associates, LP

Contact Person, if Company: Peter Bielagus

Mailing Address: 302 Riverway Place

City: Bedford State: NH Zip Code: 03110

Telephone (Daytime): (603) 668-7046 (Evening): (603) 661-3003

Facsimile Number: E-Mail Address: peterbielagus@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: NH 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: NH Zip Code: 03885

#### Facility Information

Address of Facility: 324 South River Road

City: Bedford State: NH Zip Code: 03110

Electric Service Company: PSNH Account Number: 56022551055 Meter Number: S39507765

Inverter Manufacturer: Fronius Model Name and Number: 11.4-# Quantity: 1

Nameplate Rating: 11.4 (kW) (kVA) 208 (AC Volts) Single or Three ☒ Phase

System Design Capacity: 11.086 (kVA) (kVA)

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: 9/25/2012

Estimated In-Service Date: 10/30/2012

#### 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: Title: Date: 9/21/2012

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: Title: Date: 10-17-12

\* EXTERNAL MANUAL AC DISCONNECT SWITCH REQUIRED  
PER PART PUC 905.01 REQUIREMENTS FOR DISCONNECT  
SWITCHES AND 905.02 DISCONNECT SWITCH.

# ATTACHMENT B, pg. 1

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

RECEIVED  
FEB 04 2013

BY: \_\_\_\_\_

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

### Installation Information:

☐ Check if owner-installed

Customer or Company Name (print): Melinda Realty Associates, LP  
Contact Person, if Company: Peter Bielagus  
Mailing Address: 302 Riverway Place  
City: Bedford State: NH Zip Code: 03110  
Telephone (Daytime): (603) 668-7046 (Evening): (603) 661-3003  
Facsimile Number: \_\_\_\_\_ E-Mail Address: peterbielagus@gmail.com

Address of Facility (if different from above): 324 South River Road  
City: Bedford State: NH Zip Code: 03110

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: 9/21/2012

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: \_\_\_\_\_ Installation Date: 9/25/2012

Application ID number: N2588

### Inspection:

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

(City/County)

Signed (Local Electrical Wiring Inspector, or attach signed electrical inspection): *Wayne Moore*

Name (printed): WAYNE MOORE

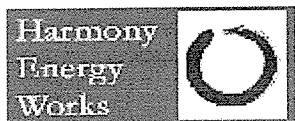
Date: 2-4-13

### 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: 1/30/2013





## ATTACHMENT B, pg. 2

George Horrocks &lt;george.horrocks@harmonyenergyworks.com&gt;

## #N2588 Melinda Realty Associates, LP PV (Bedford) - On Line

1 message

michael.motta@nu.com &lt;michael.motta@nu.com&gt;

Fri, Feb 8, 2013 at 1:40 PM

To: peterbielagus@gmail.com

Cc: george.horrocks@harmonyenergyworks.com

Dear Peter,

Thank you for submitting the "Exhibit B - Certificate of Completion" for project #N2588 Melinda Realty PV (Bedford) located at 324 South River Road in Bedford, NH. The Certificate of Completion has been reviewed and processed. The required "Witness Test" conducted earlier today was satisfactory. 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 call me should you have any questions or require additional information.

Sincerely,


*Michael D. Motta**Senior Engineer, PSNH Supplemental Energy Sources**780 North Commercial Street**Manchester, NH 03105**Office: 603.634.2920**Fax: 603.634.2449**Michael.Motta@nu.com*


\*\*\*\*\*

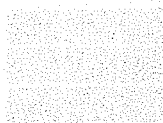
This e-mail, including any files or attachments transmitted with it, is confidential and/or proprietary and is intended for a specific purpose and for use only by the individual or entity to whom it is addressed. Any disclosure, copying or distribution of this e-mail or the taking of any action based on its contents, other than for its intended purpose, is strictly prohibited. If you have received this e-mail in error, please notify the sender immediately and delete it from your system. Any views or opinions expressed in this e-mail are not necessarily those of Northeast Utilities, its subsidiaries and affiliates (NU). E-mail transmission cannot be guaranteed to be error-free or secure or free from viruses, and NU disclaims all liability for any resulting damage, errors, or omissions.

\*\*\*\*\*

## 2 attachments

 #N2588 Melinda Realty PV, Certificate of Completion.pdf  
70K

 #N2588 Melinda Realty PV, Processed Application.pdf  
198K



**Harmony**  
ENERGY WORKS

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



**MELINDA REALTY ASSOCIATES –  
COMMISSIONING REPORT & CERTIFICATION OF SYSTEM OPERATION**

I am pleased to present this Letter of Certification in regards to the 12.24 kW - DC (STC) solar photovoltaic (PV) system installed at 324 South River Road, Bedford, NH. In my role and capacity as PV Project Manager for the above installation, I do hereby certify that the 12.24 kW PV system has been inspected, commissioned, and interconnected with the grid and was officially placed in service on February 8, 2013. The project was installed and is operating in conformance with any applicable state/local building codes. The 12.24kW PV system consists of 48 - 255W Solar World solar modules, 1 Fronius 11.4-3 inverter, 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).

Sincerely,

A handwritten signature in dark ink, appearing to read "George Horrocks", written over a light blue horizontal line.

George Horrocks  
President

Harmony Energy Works Incorporated  
NABCEP PV Installer #032611-147  
603-926-3366  
george.horrocks@harmonyenergyworks.com

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).	X
• 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
<b>*Usually included in the interconnection agreement. If the interconnection agreement contains this information, attachment B is not necessary.</b>	

#### PREPARER'S INFORMATION

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

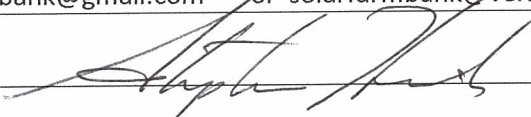
Mailing Address: 205 Shaw Farm Rd

Town/City: Holliston State: MA Zip Code: 01746

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

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

Preparer's Signature: \_\_\_\_\_

 SFB president