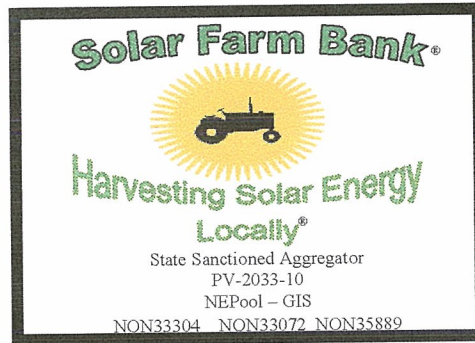


DE13-105



April 7, 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:

Christopher King  
1080 ChocoRua Road  
Tanworth NH, 03886  
Telephone # 603-323-7433  
Email: [chring@roadrunning.com](mailto:chring@roadrunning.com)

Support of the request for Class II eligibility for the Christopher King, 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).

*Check the applicable class:*

Eligibility Requested for Class I ☐ Class II ☒

Applicant Name: CHRISTOPHER W. KING

Mailing Address: 1080 CHOCORUA RD.

Town/City: TAMWORTH State: N.H. Zip Code: 03886

Primary Contact: CHRIS KING

Telephone: (603)-323-7433 Cell: (603)-387-7362

Email address: ChKing@RoadRunner.com

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

Facility Name: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
Town/City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Primary Contact: Sam  
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 |  |
|----------|------------------------------------|----------|--|
| 24       | SCHOTT 220 Panels                  |          |  |
| 1        | FRONIUS 5100 (240V) INVERTER       |          |  |
| 1        | SCHLUMBERGER meter<br># 28 914 705 |          |  |

What is the nameplate capacity of your facility? 5.28 KW

What was the initial date of operation? 3/24/10

*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: CHRIS KING ELECTRIC LLC.

Installer Address: 1080 CHOCORUA RD.

License #: 10251

Town/City: Tamworth State: N.H. Zip Code: 03886

Telephone: (603)-323-2008 Cell: (603)-387-7362

Email address: ChKing@ROADRUNNER.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: FRASE ELECTRIC, LLC.  
Vendor's Name: Kim FRASE  
Business Address: 789 Whittier Hwy  
Town/City: So. TOWN WORTH State: N.H. Zip Code: 03883  
Telephone: (603)-284-6618 Cell: (603)-387-0873  
Email address: KFRASE@HUGHES.NET

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

Electrician's Name: CHRIS KING  
Business Name: CHRIS KING ELECTRIC LLC.  
Business Address: 1080 Chocorua Rd.  
Town/City: TOWN WORTH State: N.H. Zip Code: 03886  
License # 10251M

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

(A [list](http://www.puc.nh.gov/Sustainable%20Energy/Renewable%20Energy%20Source%20Eligibility.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%20Energy%20Source%20Eligibility.htm).)

Independent Monitor's Name: ENERGY AUDITS UNLIMITED (Paul Button)  
Town/City: Manchester State: N.H. Zip Code: 03102  
Telephone: \_\_\_\_\_ 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 # \_\_\_\_\_

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 Christopher W. King Date 4/2/13

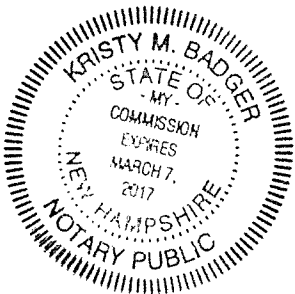
Applicant's Printed Name Christopher W. King

Subscribed and sworn before me this 2<sup>nd</sup> Day of April (month) in the year 2013

County of Carroll State of New Hampshire

Kristy M. Badger  
(Notary Public/Justice of the Peace)

My Commission Expires March 7, 2017



| 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<br>(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)<br>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,<br>Executive Director of the PUC.   |     |
| • An electronic version of the completed application has been sent to<br><a href="mailto:executive.director@puc.nh.gov">executive.director@puc.nh.gov</a> .               |     |
| <b>*Usually included in the interconnection agreement. If the interconnection agreement contains this<br/>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](mailto:Solarfarmbank@gmail.com) or [solarfarmbank@verizon.net](mailto:solarfarmbank@verizon.net)

Preparer's Signature:  SFB President

**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: 3/16/10

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

Customer or Company Name (print): CHRISTOPHER W. KING

Contact Person, if Company:

Mailing Address: P.O. Box 45City: ChocoruaState: NHZip Code: 03817Telephone (Daytime): 603-387-7362(Evening): 603-323-7433Facsimile Number: 323-7433 Need toE-Mail Address: ChKing@Roadrunner.comAlternative Contact Information (e.g., system installation contractor or coordinating company, if appropriate):

Name:

Mailing Address:

City:

State:

Zip Code:

Telephone (Daytime):

(Evening):

Facsimile Number:

E-Mail Address:

Electrical Contractor Contact Information (if appropriate):Name: CHRIS KING ELECTRICTelephone: 387-7362Mailing Address: P.O. Box 45City: ChocoruaState: NHZip Code: 03817Facility Information:Address of Facility: 1080 Chocorua Rd.City: ChocoruaState: N.H.Zip Code: 03817Electric Service Company: PSNHAccount Number: 56138521034Meter Number: W55508820Electricity Supply Company: PSNHAccount Number: 56138521034✓ Generator/Inverter Manufacturer: FRONIUS Model Name and Number: 16S100 Quantity: 1Nameplate Rating: 4670 (kW) 4620 (kVA) 240 (AC Volts) Single ☒ or Three PhaseSystem Design Capacity: 4620 (kVA) 4620 (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: 4/15/10Estimated In-Service Date: 5/1/10Interconnecting 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: Christopher W. King Title: owner Date: 3/16/10

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: R. C. King Title: 3/24/10 Date: 3/24/10

Attachment A pg 2

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

Company waives inspection/Witness Test? Yes ☒ No ☐

**Terms and Conditions for Simplified Process Interconnections**

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).

Page (2 of 2)

Attachment  
BPUBLIC 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): CHRIS King Electric  
Contact Person, if Company: CHRIS  
Mailing Address: PO Box 45  
City: Chocoma State: MA Zip Code: 03817  
Telephone (Daytime): 387-7362 (Evening): 323-7433  
Facsimile Number: \_\_\_\_\_ E-Mail Address: ChKing@Roadrunner.com

Address of Facility (if different from above): Same  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Generation Vendor:

Contact Person:

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

Vendor Signature: Ch King Date: 4/25/10  
Electrical Contractor's Name (if appropriate): CHRIS King Electric  
Mailing Address: PO Box 45  
City: Chocoma State: MA Zip Code: 03817  
Telephone (Daytime): 387-7362 (Evening): 323-7433  
Facsimile Number: \_\_\_\_\_ E-Mail Address: ChKing@Roadrunner.com  
License number: 10251M

Date of approval to install Facility granted by the Company: 3/24/10 Installation Date: 4/24/10Application ID number: N2176 King PV  
3116X1 Chocoma

## Inspection:

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

Tamworth, Carroll  
(City/County)Signed (Local Electrical Wiring Inspector, or attach signed electrical inspection): NO INSPECTORS.

Name (printed): \_\_\_\_\_

Date: \_\_\_\_\_

## 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: Ch King Date: 4/25/10Michael Motta 4-29-10