

David A. Gould

From: David A. Gould
Sent: Tuesday, July 23, 2013 2:35 PM
To: 'executive.director@puc.nh.gov'
Subject: Renewable energy source eligibility application
Attachments: Draft%20Application%20form%20for%20REC%20Eligibility%20non%20biomass%2002-27-131.docx; N2666 Gould PV - Certificate of Completion.pdf; N2666 Gould PV - Processed Application.pdf

David Gould
81 Hall's Mill rd
Candia, NH 03034

Phone: 603-483-5270
Cell: 603-370-1655
Email: dag@hitchcock.org

RE: Class II renewable energy source application

Dear Ms. Howland,
Enclosed you will find the electronic version of my application for renewable energy source eligibility for my class II source. I am also forwarding the original and two copies under separate cover to you. Let me know if there is any missing information. Thank you for your consideration of this matter,

David Gould

3) Facility Information

Facility Name: Pennacook
Mailing Address: 81 Hall's Mill Road
Physical Address: 81 Hall's Mill Road
Town/City: Candia State: NH Zip Code: 03034
If the facility does not have a physical address, provide the Latitude _____ & Longitude _____

Facility Owner: David Gould
Telephone: 603-483-5270 Cell: _____
Email address: dag@hitchcock.org

If different from the owner:

Facility Operator: _____
Telephone: _____ Cell: _____
Email address: _____

4) Provide a general description of the renewable energy facility including size, a general summary of equipment and operation. (The box provided will expand to accommodate the description.)

Primary residence fitted with a 26.78 kW Grid tied photovoltaic system

Fuel Type: Solar Array Gross Nameplate Capacity*: 26.78 kW
Initial Date of Commercial Operation: n/a

If different, the Original Date of Operation: 5/30/13

**The nameplate capacity should match the interconnection agreement and the GIS database. If it does not, please provide an explanation in the box below. (The box provided will expand to accommodate the explanation.)*

The nameplate capacity is based on the DC output of the solar array. The interconnection agreement rating is based on the AC output of the system inverters.

*Provide the pertinent pages of the interconnection agreement as **Attachment 4** of the Application. If the interconnection agreement is a confidential document, there is no need to send more than the first few pages, the page that verifies the nameplate capacity of the facility and the signature pages. This will ensure that the applicant is not required to submit both original and redacted versions of the application.*

*If the facility is not required to have an interconnection agreement, provide explanation as to why an interconnection agreement is not required as **Attachment 4**.*

5) NEPOOL/GIS Asset ID and Facility Code

In order to qualify your facility's electrical production for 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 an ISO-New England asset ID number.

GIS Facility Code # Non37975 Asset ID # Non37975

If your facility is seeking Class I certification for the incremental new production of hydroelectric technologies to produce energy, proceed to question 6. Otherwise proceed to question 7.

6)

- 6.i) Demonstrate that the facility has had capital investments after January 1, 2006 resulting in an improvement of the facility's efficiency or an increase in the output of renewable energy pursuant to RSA 362-F:4(i).
- 6.ii) Include the Historical Generation Baseline as defined by RSA 362-F:2, X (a).

If your facility is seeking Class I certification for repowered Class III or IV sources, proceed to question 7. Otherwise proceed to question 8.

7)

- 7.i) Demonstrate that the facility has had new capital investments for the purpose of restoring unusable generation or adding to the existing capacity, including NHDES environmental permitting requirements for new plants pursuant to RSA 362-F:4, I (i).
- 7.ii) Provide documentation that 80 percent of the facility's tax basis in the resulting plant and equipment of the eligible generation capacity, including the NHDES permitting requirements for new plants, but exclusive of any tax basis in real property and intangible assets, is derived from the new capital investments pursuant to RSA 362-F:4, I (j).

If your facility is seeking Class I certification for formerly nonrenewable energy electric generation facilities, proceed to question 8. Otherwise, proceed to question 9.

8) Complete the following as **Attachment 8**:

- 8.i) Provide documentation that 80 percent of its tax basis in the resulting generation unit, including NHDES permitting requirements for new plants, but exclusive of any tax basis in real property and intangible assets, is derived from the new capital investments pursuant to Puc 2505.07.

If your facility is seeking Class IV certification for a hydroelectric facility with a nameplate capacity of one megawatt or greater, proceed to question 9. Otherwise, proceed to question 10.

9) Complete the following as **Attachment 9**:

9.i) Provide proof that the facility has installed upstream and downstream diadromous fish passages that have been approved under the terms of the facility's license or exemption from the Federal Energy Regulatory Commission pursuant to RSA 362-F:4, IV (a).

Provide documentation that, when required, the facility has documented applicable state water quality certification pursuant to section 401 of the Clean Water Act for hydroelectric projects pursuant to RSA 362-

9.ii) F:4, IV (a).

If your facility is located in a control area adjacent to the New England control area, complete question 10.

10) Provide the following as **Attachment 10**.

10.i) Submit proof that the energy is delivered within the New England control area and such delivery is verified as required in Puc 2504.01(a)(2) a. to e.

If your facility is a customer-sited source, proceed to question 11. Pursuant to RSA 362-F:2, V, a customer-sited source means a source that is interconnected on the end-use customer's side of the retail electricity meter in such a manner that it displaces all or part of the metered consumption of the end-use customer.

11) If the facility is a customer-sited source you must retain the services of an independent monitor directly, or if participating in an aggregation pursuant to Puc 2506, complete the following. Note that the aggregator must work with an independent monitor responsible for the verification of the production of energy from the customer-sited source.

Independent Monitor's Name: Paul Button

Town/City: Manchester State: NH Zip Code: 03102

Telephone: 6036172469 Cell: 6038364402

Email address: www.energy-audits-unltd.com
(A list of independent monitors is available at:
http://www.puc.nh.gov/Sustainable%20Energy/Renewable_Energy_Source_Eligibility.htm.)

12) Provide all necessary regulatory approvals, including any reviews, approvals or permits required by NHDES or the environmental protection agency in the facility's state as **Attachment 12**.

13) Provide a general description of how the generation facility is connected to the regional power pool via the local electric distribution utility. Please note that this information will be posted as public record. (The box provided will expand to accommodate the description.)

Connected via a net-meter

14) Provide a statement as to whether the facility has been certified under another non-federal jurisdiction's renewable portfolio standard. *(The box provided will expand to accommodate the statement.)*

It has not been certified under another RPS

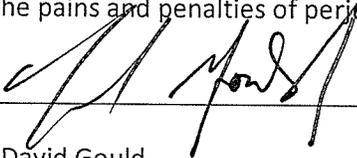
If applicable, provide verification of any certifications that have been received for this facility as Attachment 14.

15) Provide any other pertinent information that you wish to include to assist in classification of the facility as Attachment 15.

16) The following affidavit must be completed by the owner attesting to the accuracy of the contents of the application pursuant to Puc 2505.02 (b) (14).

AFFIDAVIT

I, David Gould have reviewed the contents of this application and attest that it is accurate and is signed under the pains and penalties of perjury.

Applicant's Signature  Date 7/23/13

Applicant's Printed Name David Gould

Subscribed and sworn before me this 23 Day of July (month) in the year 2013

County of Hillsborough State of New Hampshire

Amy L. Duhaime
Notary Public/Justice of the Peace

My Commission Expires AMY L. DUHAIME, Notary Public
My Commission Expires April 18, 2017

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

RECEIVED
MAY 13 2013
SESD

Exhibit B - Certificate of Completion for Simplified Process Interconnections

Installation Information:

Check if owner-installed

Customer or Company Name (print): David Gould
Contact Person, if Company: _____
Mailing Address: 81 Halls Mill Road
City: Candia State: NH Zip Code: 03034
Telephone (Daytime): 603 370 1655 (Evening): _____
Facsimile Number: _____ E-Mail Address: _____

Address of Facility (if different from above): _____
City: _____ State: _____ Zip Code: _____

Generation Vendor: ReVision Energy Contact Person: Kimry Corrette

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

Vendor Signature: _____

Date: 4/15/13

Electrical Contractor's Name (if appropriate): William Levay
Mailing Address: 7 Commercial Drive
City: Exeter State: NH Zip Code: 03833
Telephone (Daytime): 603-501-1822 (Evening): _____
Facsimile Number: 603-782-0993 E-Mail Address: kimry@revisionenergy.com
License number: 13139M

Date of approval to install Facility granted by the Company: 4/11/13 Installation Date: _____

Application ID number: H26666

Inspection:

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

Town of Candia, Rockingham county
(City/County)

Signed (Local Electrical Wiring Inspector, or attach signed electrical inspection): David R. Murray

Name (printed): David R. Murray

Date: 5-9-13

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: _____

Date: _____

5/9/13

URD 11-30-05

WITNESS TEST REQUIRED

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

RECEIVED
APR 10 2013
SESD

Simplified Process Interconnection Application and Service Agreement

Contact Information: Date Prepared: 4/4/13
Legal Name and Address of Interconnecting Customer (or, Company name, if appropriate)
Customer or Company Name (print): David Gould
Contact Person, if Company:
Mailing Address: 81 Hall's Mill rd
City: Candia State: NH Zip Code: 03034
Telephone (Daytime): 483-5270 (Evening): 483-5270
Facsimile Number: E-Mail Address: DAG @ hitchcock.org

Alternative Contact Information (e.g., system installation contractor or coordinating company, if appropriate):

Name: ReVision Energy, Kimry Corrette
Mailing Address: 7 Commercial Drive
City: Exeter State: NH Zip Code: 03833
Telephone (Daytime): 603-501-1822 (Evening):
Facsimile Number: 603-782-0993 E-Mail Address: kimry@revisionenergy.com

Electrical Contractor Contact Information (if appropriate):

Name: Telephone:
Mailing Address:
City: State: Zip Code:

Facility Information:

Address of Facility: 81 HALLS MILL RD
City: CANDIA State: NH Zip Code: 03034
Electric Service Company: PSNH Account Number: 56293651030 Meter Number: 560365623
Electricity Supply Company: Account Number:
Generator/Inverter Manufacturer: SOLARWIA Model Name and Number: PV17500 Quantity: 2
Nameplate Rating: 15 (kW) (kVA) (AC Volts) Single or Three Phase
System Design Capacity: (kVA) (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: 5/13 Estimated In-Service Date: 6/13

15KW

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: David Gould Title: Date: 4/4/13

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 (Are system modifications required? Yes No To be Determined)

Company Signature: Michael Moffa Title: SE Engineer Date: 4-11-13

URD 11-30-05

WITNESS TEST REQUIRED

RECEIVED
APR 08 2013
SESD

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: 4/4/13
Legal Name and Address of Interconnecting Customer (or, Company name, if appropriate)
Customer or Company Name (print): David Gould
Contact Person, if Company:
Mailing Address: 81 Hall's Mill rd.
City: Candia State: NH Zip Code: 03034
Telephone (Daytime): 483-5270 (Evening): 483 5270
Facsimile Number: E-Mail Address: DAG@Hitchcock.org

Alternative Contact Information (e.g., system installation contractor or coordinating company, if appropriate):
Name: ReVision Energy, Kimry Corrette
Mailing Address: 7 Commercial Drive
City: Exeter State: NH Zip Code: 03833
Telephone (Daytime): 603-501-1822 (Evening):
Facsimile Number: 603-782-0993 E-Mail Address: kimry@revisionenergy.com

Electrical Contractor Contact Information (if appropriate):
Name: Telephone:
Mailing Address:
City: State: Zip Code:

Facility Information:
Address of Facility: 81 HALLS MILL RD
City: Candia State: NH Zip Code: 03034
Electric Service Company: PSNH Account Number: 562 936 57030 Meter Number: 560365623
Electricity Supply Company: Account Number:
Generator/Inverter Manufacturer: Selectra Model Name and Number: PV15000 Quantity: 2
Nameplate Rating: 10 (kW) 240 (kVA) (AC Volts) Single X or Three Phase
System Design Capacity: (kVA) Battery Backup: Yes No X
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 External Manual Disconnect: Yes No
Estimated Install Date: 5/13 Estimated In-Service Date: 6/13

20KW

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: [Signature] Title: Date: 4/4/13
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 (Are system modifications required? Yes No To be Determined)
Company Signature: [Signature] Title: SR. ENGINEER Date: 4-11-13

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

Terms and Conditions for Simplified Process Interconnections

PSNH waives inspection/Witness Test: Yes No

Date of inspection/Witness Test: Call to Schedule

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).