



579 Tenney Mountain Highway
Plymouth, NH 03264-3154
www.nhec.coop
603-536-1800 / 800-698-2007



May 15, 2014

NH PUC 15MAY14PM12:16

Debra A. Howland
Executive Director
New Hampshire Public Utilities Commission
21 South Fruit Street, Suite 10
Concord, NH 03301-2429

RE: Application for Certification as a Class IV renewable source

Dear Ms. Howland,

Enclosed please find an original and 2 copies of New Hampshire Electric Cooperative's (NHEC) application for Renewable Energy Source Eligibility for Class IV Hydro Sources with a Total Nameplate Capacity of one Megawatt or Less on behalf of the Sandro LLC hydro facility in Sandwich, NH.

If you should have questions or require further information, please contact me at 603-536-8827 or manypennyh@nhec.com.

Sincerely,

A handwritten signature in blue ink that reads "Heather Manypenny". The signature is fluid and cursive, with the first name being particularly prominent.

Heather Manypenny
Power Resources Executive

Enc.



State of New Hampshire
Public Utilities Commission

21 S. Fruit Street, Suite 10, Concord, NH 03301-2429



APPLICATION FORM FOR
RENEWABLE ENERGY SOURCE ELIGIBILITY FOR CLASS IV

HYDRO SOURCES WITH A TOTAL NAMEPLATE CAPACITY OF ONE MEGAWATT OR LESS

Pursuant to New Hampshire Administrative Code [Puc 2500](#) Rules, Puc 2505.02 Application Requirements
Laws of 2012, Chapter 0272

- 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 clearly state that the applicant is seeking certification as a Class IV source. Pursuant to Chapter 362-F:11 I, the Commission is required to render a decision on an application within 45 days upon receiving a completed application.

If you have any questions please contact Barbara Bernstein at (603)271-6011 or Barbara.Bernstein@puc.nh.gov.

Please provide the following:

1. Applicant Name: New Hampshire Electric Cooperative, Inc.

Mailing Address: 579 Tenney Mountain Highway

Town/City: Plymouth State: NH Zip Code: 03264

Primary Contact: Heather Manypenny

Telephone: 603-536-8827 Cell: 603-960-1122

Email address: manypennyh@nhec.com

2. Facility Name: Sandro, LLC

(physical address) 38 Plummer Mill Pond Rd.

Town/City: Sandwich State: NH Zip Code: 03227

If the facility does not have a physical address, the Latitude _____ & Longitude _____

(To qualify the electrical production for RECs, the facility must be registered 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

3. The facility's ISO-New England asset identification number, if available. Not applicable
4. The facility's GIS facility code, if available. NON38119
5. A description of the facility including the following:
 - 5.a. The gross nameplate capacity 50 kW
 - 5.b. The facility's initial commercial operation date 1981 as Tolles Energy Resources, then idle for approximately 20 years, restarted on May 5, 2014.
 - 5.c. The date the facility began operation, if different than the operation date same
 - 5.d. A complete description of the facility **including location, structures and equipment.**

The dam is located on the Bear Camp River. The turbine is an Ossberger cross flow turbine, Type SH 43G, Mfg date is 1978 with a flow design of 566 L/S. With a Model A regulator type M121. Penstock is 24 inches. The generator is a KATO, AC Induction Generator, 60 Hz, Single phase, 1200 RPM, 120/240 volts, rated at 233 Amps and 50 KW. It is a Type 86646 with a continuous duty rating and insulation class F.

Owned and operated by: Sandro, LLC., Brenton Tolles, 57 Long Point Rd., Lakeville, MA 02347. Phone 508-947-0151 X505

The facility has been shut down for many years (nearly 20 years). With minor repairs and a refreshed interconnection with NHEC, the facility is once again operational.

6. A copy of all necessary state and federal (FERC) regulatory approvals as **Attachment A**.

No regulatory approvals were required for the generator when this facility was originally constructed.

7. A copy of the title page of the Interconnection Agreement between the applicant and the distribution utility, the page(s) that identifies the nameplate capacity of the facility and the signature pages. *Please provide this information as Attachment B.*

The attached Interconnection Agreement between the facility and NHEC reflects the current refreshed interconnection. The original interconnection agreement, which had several clauses that would no longer be applicable, was dated 1981.

8. Pursuant to 2505.01(c), no generation facility shall be eligible to acquire new certificates under this Chapter while selling its electrical output at long-term rates established before January 1, 2007. Please provide a copy of the facility's long-term rate agreement as **Attachment C**.

Facility does not have a long-term rate agreement.

9. A description of how the generation facility is connected to the distribution utility.

A service transformer located on NHEC pole number 15315.2/6 on Plummer Hill Road in the Town of

Sandwich, and underground service wires from the transformer to the connection point with Sandro's service connection on the powerhouse.

10. A statement as to whether the facility has been certified under another non-federal jurisdiction's renewable portfolio standard and proof thereof. *Provide documentation as **Attachment D**.*

The facility has not been certified under other renewable portfolio standards.

10. A statement as to whether the facility's output has been verified by ISO-New England.

The facility's output has not, nor does it plan to be, verified by ISO-NE. New Hampshire Electric Cooperative will meter the output at the point of interconnection with NHEC's distribution system. NHEC will report the REC's generated into the GIS as a non-NEPOOL generator. NHEC will purchase the energy and RECs from the facility in accordance with an Agreement dated May 1, 2014.

11. An affidavit by the applicant attesting that the contents of the application are accurate. *Use either the Affidavit at the bottom of this page, or provide a separate document as **Attachment E**.* (see below)

12. The name and telephone number of the facility's operator, **if different from the owner**.

Facility Operator Name: Brenton Tolles, Sandro, LLC

Phone: 508-947-0151 X505

13. Other pertinent information that you wish to include to assist in classification of the facility provide as **Attachment F**.

No other pertinent information.

CHECK LIST: The following has been included to complete the application:	YES
• All contact information requested in the application.	YES
• A copy of all necessary state and federal (FERC) regulatory approvals as Attachment A .	NA
• A copy of the title page of the Interconnection Agreement between the applicant and the distribution utility, the page(s) that identifies the nameplate capacity of the facility and the signature pages as Attachment B .	YES
• A copy of provide a copy of the facility's long-term rate agreement as Attachment C	NA
• . If applicable , documentation of the hydro facility's certification(s) in other non-federal jurisdiction's renewable portfolio standard program(s) as Attachment D .	NA
• A signed and notarized attestation or Attachment E .	YES
• A GIS number has been provided or has been requested.	YES
• Other pertinent information has been provided (if necessary) as Attachment F .	NA
• This document has been printed and notarized.	YES
• The original and two copies are included in the packet mailed to Debra Howland, Executive Director of the PUC.	YES
• An electronic version of the completed application has been sent to executive.director@puc.nh.gov .	YES

AFFIDAVIT

The Undersigned applicant declares under penalty of perjury that contents of this application are accurate.

Applicant's Signature  Date May 13, 2014
Printed Name Heather Manypenny

Subscribed and sworn before me this 13th Day of May (month) in the year 2014

County of Arafton State of N.H.


Notary Public/~~Justice of the Peace~~

My Commission Expires 10/17/17

Attachment A

Regulatory Approvals

No regulatory approvals were required for the generator when this facility was originally constructed.

Attachment B

Interconnection Agreement

Title page, Signature page and "Attachment 2" of the Interconnection Agreement between NHEC and Sandro LLC are attached.

INTERCONNECTION AGREEMENT ("AGREEMENT")

By and Between

New Hampshire Electric Cooperative, Inc. ("NHEC")

And

Sandro, LLC ("Sandro")

Sandro's Operating Representative:

Brenton Tolles
Sandro, LLC
57 Long Point Rd.
Lakeville, MA 02347
508-947-0151 X505
e-mail: btolles@islandterrace.com

NHEC's Operating Representative:

Jay Hutchison, System Engineer
579 Tenney Mountain Hwy
Plymouth, NH 03264
(603) 536-8834
(603) 536-8818 (Fax)
e-mail: hutchisonj@nhec.com

13.5 Changes to the Notice Information

Either Party may change this information by giving five Business Days written notice prior to the effective date of the change.

Article 14. Signatures

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed by their respective duly authorized representatives.

For NEW HAMPSHIRE ELECTRIC COOPERATIVE, INC.

Name: 
Title: VP, Power Resources and Access
Date: 4/28/2014

For Sandro, LLC

Name:  4/28/14
Title: Owner

Attachment 2

Description and Costs of the Small Generating Facility, Interconnection Facilities, and Metering Equipment**NHEC Facilities**

A service transformer located on NHEC pole number 15315.2/6 on Plummer Hill Road in the Town of Sandwich, and underground service wires from the transformer to the connection point with Sandro's service connection on the powerhouse.

Sandro Facilities

To be ADDED

Inside the powerhouse is first a Square D 200 Amp disconnect switch that connects to the main control setup that includes a SEL-547 generator interconnect relay. Between this and the generator is another Square 400 Amp disconnect switch with 250Amp one time fuses, that then connect to a Kato 50 KW Asynchronus Generator rated at 120/240 volts, 1ph. powered by an Ossberger cross flow turbine.

Also see diagram in attachment 3

Attachment C

Long Term Rate Agreement

The facility does not have an agreement for long-term rates established before January 1, 2007.