



ENEL GREEN POWER NORTH AMERICA, INC.

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DE12-192

July 5, 2012

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



Dear Ms. Howland,

Included with this letter are the applications forms and supporting documents to seek certification as a New Hampshire Class IV source for the following Enel Green Power North America organizations and hydro facilities:

- Consolidated Hydro New Hampshire, Inc. (Kelley's Falls Hydro)
- Sweetwater Hydroelectric, Inc. (Lower Valley Hydro)
- Sweetwater Hydroelectric, Inc. (Sweetwater Hydro)
- Woodsville Hydroelectric, Inc. (Woodsville Hydro)

Please let me know if you require any additional information. Thank you.

Best Regards,

A handwritten signature in blue ink, appearing to read "Marc Poirier".

Marc Poirier
General Manager East Region
Enel Green Power North America, Inc.
Tel: (978) 296-6817
Cell: (978) 806-7757
Email: marc.poirier@enel.com



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: Sweetwater Hydroelectric, Inc.

Mailing Address: c/o Enel Green Power North America, One Tech Drive, Suite 200

State: MA Zip Code: 01810

Primary Contact: Marc Poirier

Telephone: 978-296-6817 Cell: 978-806-7757

Email address: Marc.Poirier@enel.com

2. Facility Name: Lower Valley Hydroelectric

(physical address) Sullivan Street

Town/City: Claremont State: NH Zip Code: 03743

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. 10406

4. The facility's GIS facility code, if available. 10406

5. A description of the facility including the following:
 - 5.a. The gross nameplate capacity 0.9 MW
 - 5.b. The facility's initial commercial operation date 05/28/1992
 - 5.c. The date the facility began operation, if different than the operation date _____
 - 5.d. A complete description of the facility including related equipment

Lower Valley Hydro is 0.9 MW hydroelectric generating facility located on the Sugar River in Claremont, NH, interconnected with the electric system of Central Vermont Public Service (CVPS).

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

FERC License Exemption is included

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**.*

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

The output of the facility is delivered to a 46 kv transmission line owned and operated by CVPS. Please see the one-line diagram included with this application as **Attachment D**.

9. A statement as to whether the facility has been certified under another non-federal jurisdiction's renewable portfolio standard and proof thereof.

N/A

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

The facility actively receives settlement statements from ISO-NE.

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 C**.*

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

Facility Operator Name: William Cardillo, Facility Supervisor

Phone: 978-273-5120

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

CHECK LIST: The following has been included to complete the application:	YES
• All contact information requested in the application.	
• A copy of all necessary state and federal (FERC) regulatory approvals as Attachment A .	
• 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 .	
• A signed and notarized attestation or Attachment C .	
• A GIS number has been provided or has been requested.	
• Other pertinent information has been provided (if necessary) as Attachment D .	
• This document has been printed and notarized.	
• The original and two 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 executive.director@puc.nh.gov .	

AFFIDAVIT

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

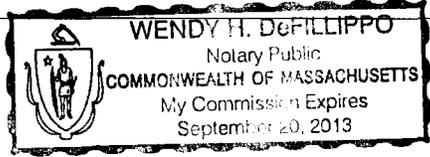
Applicant's Signature [Signature] Date 07/05/2012

Subscribed and sworn before me this 5 Day of July (month) in the year 2012

County of Essex State of Massachusetts

Wendy H. DeFillippo
Notary Public Justice of the Peace

My Commission Expires _____



ATTACHMENT A

UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Claremont Hydro Associates)

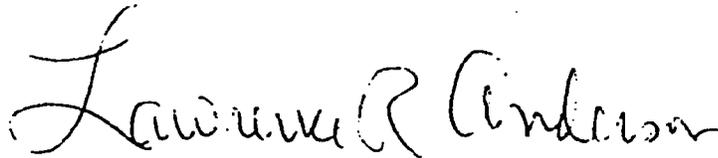
Project No. 6756-000

NOTICE OF EXEMPTION FROM LICENSING

(November 9, 1982)

A notice of exemption from licensing of a small hydroelectric project known as the Claremont Project No. 6756, was filed on October 5, 1982, by Claremont Hydro Associates. The proposed hydroelectric project would have an installed capacity of 860 kW and would be located on the Sugar River, and utilize the Claremont Hydro Associates Dam in Sullivan County, New Hampshire.

Pursuant to Sections 4.109(c) and 375.308(ss) of the Commission's regulations, and subject to the terms and conditions set forth in Section 4.111 of the Commission's regulations, the Director, Office of Electric Power Regulation, issues this notification that the above project is exempted from licensing as of November 4, 1982.



Lawrence R. Anderson
Director, Office of Electric
Power Regulation

FEDERAL ENERGY REGULATORY COMMISSION

§ 4.106 Standard terms and conditions of exemption from licensing

Any exemption from licensing granted under this subpart for a small hydroelectric power project is subject to the following standard terms and conditions:

(a) **Article 1.** The Commission reserves the right to conduct investigations under sections 4(g), 306, 307, and 311 of the Federal Power Act with respect to any acts, complaints, facts, conditions, practices, or other matters related to the construction, operation, or maintenance of the exempt project. If any term or condition of the exemption is violated, the Commission may revoke the exemption, issue a suitable order under section 4(g) of the Federal Power Act, or take appropriate action for enforcement, forfeiture, or penalties under Part III of the Federal Power Act.

(b) **Article 2.** The construction, operation, and maintenance of the exempt project must comply with any terms and conditions that the United States Fish and Wildlife Service and any state fish and wildlife agencies have determined are appropriate to prevent loss of, or damage to, fish or wildlife resources or to otherwise carry out the purposes of the Fish and Wildlife Coordination Act, as specified in Exhibit E of the application for exemption from licensing or in the comments submitted in response to the notice of the exemption application.

(c) **Article 3.** The Commission may revoke this exemption if actual construction of any proposed generating facilities has not begun within two years or has not been completed within four years from the date on which this exemption was granted. If an exemption is revoked under this article, the Commission will not accept from the prior exemption holder a subsequent application for exemption from licensing or a notice of exemption from licensing for the same project within two years of the revocation.

(d) **Article 4.** This exemption is subject to the navigation servitude of the United States if the project is located on navigable waters of the United States.

(e) **Article 5.** This exemption does not confer any right to use or occupy any Federal lands that may be necessary for the development or operation of the project. Any right to use or occupy any Federal lands for those purposes must be obtained from the administering Federal agencies. The Commission may accept a license application by any

qualified license applicant and revoke this exemption, if any necessary right to use or occupy Federal lands for those purposes has not been obtained within one year from the date on which this exemption was granted.

(f) Article 6. In order to best develop, conserve, and utilize in the public interest the water resources of the region, the Commission may require that the exempt facilities be modified in structure or operation or may revoke this exemption.

(g) Article 7. The Commission may revoke this exemption if, in the application process, material discrepancies, inaccuracies, or falsehoods were made by or on behalf of the applicant.

(h) Article 8. Any exempted small hydroelectric power project that utilizes a dam that is more than 33 feet in height above streambed, as defined in 18 CFR 12.31(c) of this chapter, impounds more than 2,000 acre-feet of water, or has a significant or high hazard potential, as defined in 33 CFR Part 222, is subject to the following provisions of 18 CFR Part 12, as it may be amended:

- (1) Section 12.4(b)(1)(i) and (ii), (b)(2)(i) and (iii), (b)(iv), and (b)(v);
- (2) Section 12.4(c);
- (3) Section 12.5;
- (4) Subpart C; and
- (5) Subpart D.

For the purposes of applying these provisions of 18 CFR Part 12, the exempted project is deemed to be a licensed project development and the owner of the exempted project is deemed to be a licensee.

(i) Article 9. Before transferring any property interests in the exempt project, the exemption holder must inform the transferee of the terms and conditions of the exemption. Within 30 days of transferring the property interests, the exemption holder must inform the Commission of the identity and address of the transferee.



ATTACHMENT 2

United States Department of the Interior

FISH AND WILDLIFE SERVICE
ECOLOGICAL SERVICES
P.O. BOX 1518
CONCORD, NEW HAMPSHIRE 03301

Mr. Howard M. Moffett, Esq.
Orr and Reno
95 North Main Street
Concord, New Hampshire 03301

SEP 28 1982

Dear Mr. Moffett:

This responds to your September 7, 1982 letter, concerning Claremont Hydro Associates (CHA) proposed categorical exemption under FERC Order No. 202 for the CHA Project on the Sugar River in Claremont, N.H.

The Sugar River has been identified in the Strategic Plan for the Restoration of Atlantic Salmon to the Connecticut River Basin as a candidate stream for Atlantic salmon restoration. Fish passage facilities for the Sugar River are presently deferred. Thus, at some time in the future the Applicant may be required to provide fish passage at this project. An alternative possibility to providing fish passage devices would be sharing in the costs of trapping fish and transporting them above the project. In order to preserve downstream aquatic habitat for future migratory fish restoration, an instantaneous minimum release of 125 cfs (0.5 csm), or inflow to the project, whichever is less, will need to be released.

In accordance with the provisions of the Fish and Wildlife Coordination Act and Section 30(c) of the Federal Power Act, the Fish and Wildlife Service provides its certification on migratory fish and on endangered and threatened species pursuant to FERC Order No. 202. Under Section 4.112 of Order No. 202, the Fish and Wildlife Service provides the following migratory fish restoration measures as a condition of the exemption:

1. The Exemptee shall provide fish-passage facilities at this project or share in the cost of operating a trap/truck operation, when so prescribed by the Secretary of the Interior, pursuant to Section 18 of the Federal Power Act (June 20, 1980; 16 U.S.C. 791 et seq.), and Section 4.112 of Order No. 202 (18 CFR, Part 4, Subpart K, Sec. 4.112). Design, construction and operation of fish-passage facilities will be the responsibility of the Exemptee; however, approval of the design by the Fish and Wildlife Service will be necessary. Any additional instantaneous flows for operation of these facilities will also be provided by the Exemptee, as prescribed by the Fish and Wildlife Service.

2. The Exemptee shall provide an instantaneous release of at least 125 cfs (0.5 csm) or inflow to the project, whichever is less, to preserve downstream aquatic habitat for future migratory fish restoration.

When you submit the Notice of Exemption to FERC, please send us a copy of the Notice by certified mail. Let us know if you have any questions.

Sincerely yours,

Gordon E. Beckett

Gordon E. Beckett
Supervisor

ATTACHMENT B

LV 804
Sweetwater's
original

GENERATION INTERCONNECTION AGREEMENT

BETWEEN

CENTRAL VERMONT PUBLIC SERVICE CORPORATION

AND

SWEETWATER HYDROELECTRIC, INC.

FOR THE

LOWER VALLEY HYDROELECTRIC PROJECT

The purpose of this Agreement is to allow the operation of electrical generation facilities interconnected with and operated in parallel with Central Vermont Public Service Corporation's electrical system.

Effective Date: May 28, 1992

CENTRAL VERMONT PUBLIC SERVICE CORPORATION
GENERATION INTERCONNECTION AGREEMENT
LOWER VALLEY HYDROELECTRIC PROJECT

This AGREEMENT ("Agreement") made as of May 28, 1992 ("Effective Date") by and between CENTRAL VERMONT PUBLIC SERVICE CORPORATION, ("CVPS"), a Vermont corporation, and SWEETWATER HYDROELECTRIC, INC., ("Non-Utility Generator" or "NUG"), a New Hampshire corporation;

WITNESSETH:

WHEREAS, the NUG proposes to own and operate a 900 KW hydroelectric generating facility ("Facility") located on property owned by the NUG on the Sugar River in the City of Claremont, Sullivan County, New Hampshire, ("Site"), for the purpose of generating electric power; and

WHEREAS, under the terms contained in this Agreement the NUG desires to operate the Facility interconnected in parallel with CVPS's electric system; and

WHEREAS, the NUG desires to have the option of selling part or all of the electric power produced under applicable Federal and State regulations;

NOW, THEREFORE, in consideration of the mutual promises herein contained, the parties hereto agree that the following terms and conditions shall govern the operation and maintenance of the interconnection of the NUG's Facility with CVPS's electric system.

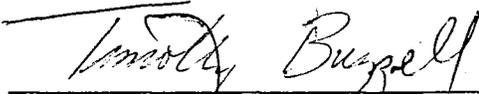
1. DEFINITIONS

For the purposes of this Agreement the following terms shall have the following meanings:

- a. Interconnection Point shall be the point where CVPS' transmission or distribution system connects with the NUG's facility to allow the NUG's generation equipment to operate interconnected in parallel with CVPS' electric system.
- b. Prudent Engineering and Operating Practices shall mean the practices, methods and acts (including but not limited to the practices, methods and acts engaged in or approved by a significant portion of the electric utility industry) that at a particular time, in the exercise of reasonable judgment in light of the facts known or that should have been known at the time a decision was made, would have been expected to accomplish the desired result in a manner consistent with law, regulation, including, but not limited to the National Electric Safety Code, the National Electric Code and other applicable codes, reliability, safety, environmental protection, economy and expedition. With

IN WITNESS WHEREOF, CVPS and the NUG have caused this Agreement to be executed by their respective duly authorized officers as of the date first above written.

SWEETWATER HYDROELECTRIC, INC.



By: Timothy D. Buzzell
Its: President

CENTRAL VERMONT PUBLIC SERVICE CORPORATION



By: Marc Schaefer
Its: Director, Power Supply

CENTRAL VERMONT PUBLIC SERVICE CORPORATION

GENERATION INTERCONNECTION AGREEMENT

APPENDIX

PROJECT AND SITE DESCRIPTION

Name of Project: Lower Valley Hydroelectric Project

Name of Owner: Sweetwater Hydroelectric, Inc.

Attn: Timothy Buzzell or
Matthew Bonaccorsi

HC 64, Box 185 C

Methodist Hill Road

Lebanon, New Hampshire 03766

Project Location: Claremont, New Hampshire

Project Description & Site Plan:

1. Project Description:

The Lower Valley Hydroelectric Project is located at the existing CPM dam (NHWRB No. 47.06) located on the Sugar River 26,750 feet upstream from its confluence with the Connecticut River in the City of Claremont, Sullivan County, New Hampshire. The project is expected to produce 900 kilowatts and 3,350,000 kilowatt hours annually and will interconnect with CVPS' 46 kilovolt three-phase transmission line. The project consists of a concrete gravity dam 107 feet in length and 26.4 feet in height, a powerhouse forming the left abutment of the dam containing two identical vertical Francis turbines directly coupled to synchronous generators, and appurtenant controls, switchgear and transmission equipment.

Dam:

Water power facilities have been situated at the site since 1860. The existing dam is a reinforced concrete gravity structure last reconstructed in 1924. The dam is founded on ledge and has an overall length of 107 feet and a maximum height of 34.0 feet from the downstream toe

ATTACHMENT D

