VEPP Inc.

4.100 Purchasing Agent 4.300 Speed Facilitator

February 11, 2014

Rhode Island Public Utilities Commission Attn: Ms. Luly E. Massaro, Commission Clerk 89 Jefferson Blvd Warwick, RI 02888

RE: Renewable Energy Resources Eligibility Form West Charleston Hydro ~ New Renewable

Dear Ms. Massaro:

Enclosed are an original and three copies of the Renewable Energy Resources Eligibility Form for certification of the West Charleston Hydro facility as a New Renewable Energy Resource. Please contact Mr. William C. Rodgers, the Authorized Representative, with any questions.

Very best regards,

C. Alderman

Carolyn Alderman

cc: Interested Parties List

RIPUC Use Only	GIS Certification #:
Date Application Received: //_	
Date Review Completed://	
Date Commission Action://_	
Date Commission Approved: / /	

RENEWABLE ENERGY RESOURCES ELIGIBILITY FORM

The Standard Application Form

Required of all Applicants for Certification of Eligibility of Renewable Energy Resource
(Version 8 – December 5, 2012)

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

Pursuant to the Renewable Energy Act Section 39-26-1 et. seq. of the General Laws of Rhode Island

NOTICE:

When completing this Renewable Energy Resources Eligibility Form and any applicable Appendices, please refer to the State of Rhode Island and Providence Plantations Public Utilities Commission Rules and Regulations Governing the Implementation of a Renewable Energy Standard (RES Regulations, Effective Date: January 1, 2006), and the associated RES Certification Filing Methodology Guide. All applicable regulations, procedures and guidelines are available on the Commission's web site: www.ripuc.org/utilityinfo/res.html. Also, all filings must be in conformance with the Commission's Rules of Practice and Procedure, in particular, Rule 1.5, or its successor regulation, entitled "Formal Requirements as to Filings."

- · Please complete the Renewable Energy Resources Eligibility Form and Appendices using a typewriter or black ink.
- Please submit one original and three copies of the completed Application Form, applicable Appendices and all supporting documentation to the Commission at the following address:

Rhode Island Public Utilities Commission Attn: Luly E. Massaro, Commission Clerk 89 Jefferson Blvd Warwick, RI 02888

In addition to the paper copies, electronic/email submittals are required under Commission regulations. Such electronic submittals should be sent to RES@puc.ri.gov.

- In addition to filing with the Commission, Applicants are required to send, electronically or electronically and in paper format, a copy of the completed Application including all attachments and supporting documentation, to the Division of Public Utilities and Carriers and to all interested parties. A list of interested parties can be obtained from the Commission's website at www.ripuc.org/utilityinfo/res.html.
- · Keep a copy of the completed Application for your records.
- The Commission will notify the Authorized Representative if the Application is incomplete.
- Pursuant to Section 6.0 of the RES Regulations, the Commission shall provide a thirty (30) day period for public comment following posting of any administratively complete Application.
- Please note that all information submitted on or attached to the Application is considered to be a public record unless the Commission agrees to deem some portion of the application confidential after consideration under section 1.2(g) of the Commission's Rules of Practice and Procedure.
- In accordance with Section 6.2 of the RES Regulations, the Commission will provide prospective reviews for Applicants seeking a preliminary determination as to whether a facility would be eligible prior to the formal certification process described in Section 6.1 of the RES Regulations. Please note that space is provided on the Form for applicant to designate the type of review being requested.
- Questions related to this Renewable Energy Resources Eligibility Form should be submitted in writing, preferably via

SECTION I: Identification Information

1.1 Name of Generation Unit (sufficient for full and unique identification): WEST CHARLESTON HYDRO 1.2 Type of Certification being requested (check one): ▶ Standard Certification ☐ Prospective Certification (Declaratory Judgment) This Application includes: (Check all that apply)¹ 1.3 ☐ APPENDIX A: Authorized Representative Certification for Individual Owner or Operator ☐ APPENDIX B: Authorized Representative Certification for Non-Corporate **Entities Other Than Individuals** ☐ APPENDIX C: Existing Renewable Energy Resources ☐ APPENDIX D: Special Provisions for Aggregators of Customer-sited or Off-grid Generation Facilities ☐ APPENDIX E: Special Provisions for a Generation Unit Located in a Control Area Adjacent to NEPOOL ☐ APPENDIX F: Fuel Source Plan for Eligible Biomass Fuels Primary Contact Person name and title: 1.4 MR. WILLIAM C. RODGERS, DIRECTOR OF OPERATIONS 1.5 Primary Contact Person address and contact information: Address: 1 NEW HAMPSHIRE AVENUE, SUITE 207 PORTSMOUTH, NH 03801 Phone: (603) 294 4850 Fax: (603) 457 6013 Email: BRODGERS@BAYCORPHOLDINGS.COM 1.6 Backup Contact Person name and title: CAROLYN ALDERMAN, COUNSEL/ENERGY SPECIALIST 1.7 Backup Contact Person address and contact information: Address: P.O. BOX 1938 MANCHESTER CENTER, VT 05255

Phone: (802) 362.0748 Fax: (802) 362 5496

Email: CALDERMAN@VEPPI.ORG

¹ Please note that all Applicants are required to complete the Renewable Energy Resources Eligibility Standard Application Form and all of the Appendices that apply to the Generation Unit or Owner or Operator that is the subject of this Form. Please omit Appendices that do not apply.

1.8 Name and Title of Authorized Representative (i.e., the individual responsible for certifying the accuracy of all information contained in this form and associated appendices, and whose signature will appear on the application): MR. WILLIAM C. RODGERS, DIRECTOR OF OPERATIONS Appendix A or B (as appropriate) completed and attached? ☐ Yes ☐ No ►N/A 1.9 Authorized Representative address and contact information: Address: 1 NEW HAMPSHIRE AVENUE, SUITE 207 PORTSMOUTH, NH 03801 Phone: (603) 294 4850 Fax: (603) 457 6013 Email: BRODGERS@BAYCORPHOLDINGS.COM Owner name and title: GREAT BAY HYDRO CORPORATION 1.10 1.11 Owner address and contact information: Address: 1 NEW HAMPSHIRE AVENUE, SUITE 207 PORTSMOUTH, NH 03801 Phone: (603) 294 4850 Fax: (603) 457 6013 Email: ACALLENDRELLO@ BAYCORPHOLDINGS.COM 1.12 Owner business organization type (check one): ☐ Individual ☐ Partnership **➡**Corporation ☐ Other: 1.13 Operator name and title: GREAT BAY HYDRO CORPORATION 1.14 Operator address and contact information: Address: 1 NEW HAMPSHIRE AVENUE, SUITE 207 PORTSMOUTH, NH 03801 Phone: (603) 294 4850 Fax: (603) 457 6013 Email: BRODGERS@BAYCORPHOLDINGS.COM Operator business organization type (check one): 1.15 ☐ Individual Partnership **→**Corporation □ Other:

SECTION II: Generation Unit Information, Fuels, Energy Resources and Technologies

2.1	ISO-NE Generation Unit Asset Identification Number or NEPOOL GIS Identification Number (either or both as applicable): GIS #NON33252
2.2	Generation Unit Nameplate Capacity: 0.675 MW
2.3	Maximum Demonstrated Capacity: 0.675 MW
2.4	Please indicate which of the following Eligible Renewable Energy Resources are used by the Generation Unit: (Check ALL that apply) − per RES Regulations Section 5.0 □ Direct solar radiation □ The wind □ Movement of or the latent heat of the ocean □ The heat of the earth
	 ➡Small hydro facilities ➡ Biomass facilities using Eligible Biomass Fuels and maintaining compliance with all
	 aspects of current air permits; Eligible Biomass Fuels may be co-fired with fossil fuels, provided that only the renewable energy fraction of production from multi-fuel facilities shall be considered eligible. Biomass facilities using unlisted biomass fuel Biomass facilities, multi-fueled or using fossil fuel co-firing Fuel cells using a renewable resource referenced in this section
2.5	If the box checked in Section 2.4 above is "Small hydro facilities", please certify that the facility's aggregate capacity does not exceed 30 MW. – per RES Regulations Section 3.32
	check this box to certify that the above statement is true
	□ N/A or other (please explain)
2.6	If the box checked in Section 2.4 above is "Small hydro facilities", please certify that the facility does not involve any new impoundment or diversion of water with an average salinity of twenty (20) parts per thousand or less. – per RES Regulations Section 3.32
	check this box to certify that the above statement is true
	□ N/A or other (please explain)
2.7	If you checked one of the Biomass facilities boxes in Section 2.4 above, please respond to the following:
	A. Please specify the fuel or fuels used or to be used in the Unit:
	B. Please complete and attach Appendix F, Eligible Biomass Fuel Source Plan.

	Appendix F completed and attached?	☐ Yes	□ No	➡ N/A
2.8	Has the Generation Unit been certified as a Renewable Energy Resource for eligibility in another state's renewable portfolio standard?			
	→Yes ☐ No If yes, please attach a copy of that state'	s certifyii	ng order.	
	Copy of State's certifying order attached?	→Yes	□ No	□ N/A
SECT	TION III: Commercial Operation Date			
Please	e provide documentation to support all claims and responses t	to the foll	owing qu	estions:
3.1	Date Generation Unit first entered Commercial Operation: 4	1/13/20	11 at the	site.
	If the commercial operation date is after December 31, 199 verification, such as the utility log or metering data, showing after December 31, 1997. This is needed in order to verify to New Renewable Energy Resource.	ng that the	meter fi	rst spun
	Documentation attached?	→ Yes	☐ No	□ N/A
3.2	Is there an Existing Renewable Energy Resource located at	the site o	f Genera	tion Unit?
	□ Yes			
	➡No			
3.3	If the date entered in response to question 3.1 is earlier than checked "Yes" in response to question 3.2 above, please co			
	Appendix C completed and attached?	☐ Yes	s 🖵 No	→N/A
3.4	Was all or any part of the Generation Unit used on or befor generate electricity at any other site?	e Decemb	per 31, 19	997 to
	□ Yes			
	→No			
3.5	If you checked "Yes" to question 3.4 above, please specify to equipment used and the address where such power production electricity (attach more detail if the space provided is not su	on equipn		

SECTION IV: Metering 4.1 Please indicate how the Generation Unit's electrical energy output is verified (check all that apply): □ ISO-NE Market Settlement System

Other (please specify below and see Appendix D: Eligibility for Aggregations):

Appendix D completed and attached?

Self-reported to the NEPOOL GIS Administrator

☐ Yes ☐ No → N/A

SECTION V: Location

- 5.1 Please check one of the following that apply to the Generation Unit:
 - → Grid Connected Generation
 - ☐ Off-Grid Generation (not connected to a utility transmission or distribution system)
 - ☐ Customer Sited Generation (interconnected on the end-use customer 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)
- 5.2 Generation Unit address:

44 GRATTON HILL ROAD, WEST CHARLESTON, VT 05872

- 5.3 Please provide the Generation Unit's geographic location information:
 - A. Universal Transverse Mercator Coordinates: EASTING 732573/NORTHING 4975541
 - B. Longitude/Latitude: 72.0545 /44.8953
- 5.4 The Generation Unit located: (please check the appropriate box)
 - ▶In the NEPOOL control area
 - ☐ In a control area adjacent to the NEPOOL control area
 - ☐ In a control area other than NEPOOL which is not adjacent to the NEPOOL control area ← If you checked this box, then the generator does not qualify for the RI RES therefore, please do not complete/submit this form.
- 5.5 If you checked "In a control area adjacent to the NEPOOL control area" in Section 5.4 above, please complete Appendix E.

Appendix E completed and attached?

☐ Yes ☐ No → N/A

SECTION VI: Certification

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6.1	Please attach documentation, using one of the applicable forms below, demonstrating the authority of the Authorized Representative indicated in Section 1.8 to certify and submit this Application.			
	Corporations			
	If the Owner or Operator is a corporation, the Authorized shall provide either :	Represent	ative	
	(a) Evidence of a board of directors vote granting authority to the Authorized Representative to execute the Renewable Energy Resources Eligibility Form, or			
	(b) A certification from the Corporate Clerk or Secretary of the Corporation that the Authorized Representative is authorized to execute the Renewable Energy Resource Eligibility Form or is otherwise authorized to legally bind the corporation in like matters.			y Resources
	Evidence of Board Vote provided?	☐ Yes	□ No	□ N/A
	Corporate Certification provided?	▶ Yes	□ No	□ N/A
	Individuals			
	If the Owner or Operator is an individual, that individual sattach APPENDIX A, or a similar form of certification from Operator, duly notarized, that certifies that the Authorized authority to execute the Renewable Energy Resources Elig	m the Ow Represen	ner or tative has	S
	Appendix A completed and attached?	☐ Yes	□ No	➡ N/A
	Non-Corporate Entities			
	(Proprietorships, Partnerships, Cooperatives, etc.) If the Owner or Operator is not an individual or a corporation, it shall complete and attach APPENDIX B or execute a resolution indicating that the Authorized Representative named in Section 1.8 has authority to execute the Renewable Energy Resources Eligibility Form or to otherwise legally bind the non-corporate entity in like matters.			ecute a 8 has
	Appendix B completed and attached?	☐ Yes	□ No	→ N/A

6.2 Authorized Representative Certification and Signature:

I hereby certify, under pains and penalties of perjury, that I have personally examined and am familiar with the information submitted herein and based upon my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties, both civil and criminal, for submitting false information, including possible fines and punishment. My signature below certifies all information submitted on this Renewable Energy Resources Eligibility Form. The Renewable Energy Resources Eligibility Form includes the Standard Application Form and all required Appendices and attachments. I acknowledge that the Generation Unit is obligated to and will notify the Commission promptly in the event of a change in a generator's eligibility status (including, without limitation, the status of the air permits) and that when and if, in the Commission's opinion, after due consideration, there is a material change in the characteristics of a Generation Unit or its fuel stream that could alter its eligibility, such Generation Unit must be re-certified in accordance with Section 9.0 of the RES Regulations. I further acknowledge that the Generation Unit is obligated to and will file such quarterly or other reports as required by the Regulations and the Commission in its certification order. I understand that the Generation Unit will be immediately de-certified if it fails to file such reports.

Signature of Authorized Representative:

SIGNATURE:	DATE:
William C. Rodys	2/5/2014
DIRECTOR OF OPERATIONS	

GREAT BAY HYDRO CORPORATION

SECRETARY'S CERTIFICATE

The undersigned, Anthony M. Callendrello, Secretary of Great Bay Hydro Corporation, a New Hampshire corporation (the "Corporation"), does hereby certify this 5th day of February, 2014 on behalf of the Corporation as follows:

That William Rodgers is an Authorized Representative of the Corporation and is hereby authorized to execute, on behalf of the Corporation, the Renewable Energy Resources Eligibility Form for certification of eligibility of the West Charleston Hydro generating facility pursuant to the State of Rhode Island's Renewable Energy Act, or is otherwise authorized to legally bind the Corporation in like matters?

Bv:

Anthony M. Callendrello Vice President and Secretary



4.100 Purchasing Agent 4.300 Speed Facilitator

February 18, 2014

Rhode Island Public Utilities Commission Attn: Ms. Luly E. Massaro, Commission Clerk 89 Jefferson Blvd Warwick, RI 02888

RE: Renewable Energy Resources Eligibility Form West Charleston Hydro ~ New Renewable

Dear Ms. Massaro:

Pursuant to Section 2.8 of the Renewable Energy Resources Eligibility Form, please find enclosed three copies of the Connecticut Public Utilities Regulatory Authority's Order in Docket No. 11-09-12 certifying the West Charleston Hydro facility as a Class 1 Renewable Energy Source.

Very best regards,

C. Alderman

Carolyn Alderman

cc: Interested Parties List

STATE OF CONNECTICUT



DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION PUBLIC UTILITIES REGULATORY AUTHORITY TEN FRANKLIN SQUARE NEW BRITAIN, CT 06051

DOCKET NO. 11-09-12 APPLICATION OF GREAT BAY HYDRO CORP FOR QUALIFICATION OF WEST CHARLESTON HYDRO AS A CLASS I RENEWABLE ENERGY SOURCE

October 19, 2011

By the following Directors:

Anna M. Ficeto Kevin M. DelGobbo John W. Betkoski, III

DECISION

I. INTRODUCTION

A. SUMMARY

In this Decision, the Public Utilities Regulatory Authority, formerly known as the Department of Public Utility Control, hereinafter referred to as Authority or PURA finds that West Charleston Hydro qualifies as a Class I renewable generation facility pursuant to General Statutes of Connecticut §16-1(a)(26), as amended by Public Act 11-80. The West Charleston Hydro is assigned Connecticut Renewable Portfolio Standard (RPS) Registration Number CT00470-11, effective April 12, 2011.

B. BACKGROUND OF THE PROCEEDING

By application received electronically on May 24, 2011, Great Bay Hydro Corporation (Great Bay Hydro or Applicant) requested that the Authority determine that the West Charleston Hydro facility qualifies as a Class I renewable energy source.

The West Charleston Hydro is located at the 44 Gratton Hill Road, West Charleston, VT 05872. West Charleston Hydro began run-of-river commercial operation on April 12, 2011 and has a nameplate capacity of .675 megawatts.

C. CONDUCT OF THE PROCEEDING

There is no statutory requirement for a hearing, no person requested a hearing, and none was held.

D. PARTICIPANTS IN THE PROCEEDING

The PURA recognized Great Bay Hydro Corporation, 1 New Hampshire Avenue, Ste 207, Portsmouth, NH 03801; and the Office of Consumer Counsel, Ten Franklin Square, New Britain, Connecticut 06051, as participants in this proceeding.

II. DEPARTMENT ANALYSIS

A. LEGAL STANDARDS

Pursuant to General Statutes of Connecticut (C.G.S.) §16-1(a)(26), as amended, "Class I renewable energy source" includes energy derived from a run-of-the-river¹ hydropower facility provided such facility has a generating capacity of not more than five megawatts, does not cause an appreciable change in the river flow, and began operation after July 1, 2003.

In interpreting C.G.S. §16-1(a)(26), as amended, the PURA determined that:

- (1) "Facility" refers to an entire hydroelectric plant at a single site rather than a turbine generating unit within a hydroelectric plant;
- (2) The "generating capacity of not more than five megawatts" refers to a hydroelectric facility's nameplate capacity, not its actual or average generation output;
- (3) In order to qualify as "run-of-the-river," a hydroelectric facility must show a current FERC license or exemption that requires the facility to operate in run-of-river mode. In addition, a facility can qualify as a Class I or Class II renewable energy facility only to the extent that its FERC license or exemption requires run-of-river operation. Hydroelectric facilities that are not regulated by FERC will be required to show a FERC order or a court decision stating that FERC has no jurisdiction, or has declined to exercise jurisdiction, over such facility. In such cases, the hydroelectric facility must

¹ "Run-of-the-river" and "run-of-river" are used interchangeably in the energy industry.

show that its operation allows the river inflow to equal outflow instantaneously and therefore, does not cause an appreciable change in the river flow; and

(4) "Began operations" means (a) the date an existing facility with existing generation began commercial operation as shown in documentation from FERC; (b) the new date given to an abandoned or destroyed facility that comes back into operation as shown in its documentation from FERC or as determined by the Authority; (c) the date upon which a facility changes operation from store and release to run-of-river as shown in documentation from FERC; or (d) the new date that incremental generation is in operation at an existing facility as shown in its documentation from FERC.

See Docket No. 04-02-07, <u>DPUC Declaratory Ruling Concerning "Run-of-the-River Hydropower" as That Term is Used in the Definitions of Class I and Class II Renewable Energy Source in C.G.S. §16-1(a)(26) &(27).</u>

B. DEPARTMENT DETERMINATION

As provided in the Application, West Charleston Hydro is a hydroelectric facility located at 44 Gratton Hill Road in West Charleston, VT. West Charleston Hydro is currently owned by Great Bay Hydro Corporation, began run-of-river commercial operation on April 12, 2011 and has a nameplate capacity of .675 megawatts. West Charleston Hydro's New England Generation Information System Identification Number is NON33252.

The West Charleston Hydro has been historically operated in a peaking mode. FERC license, No. 2306-008 and -024, issued November 21, 2003, p. 7. The West Charleston Hydro has been idle since 1998 due to the poor condition of the penstock. FERC Order Amending license issued November 9, 2009, p. 2. (FERC Amended License). The FERC Amended License includes the repair of the West Charleston Penstock and generating equipment to modify the development to comply with run-of-river requirements. P. 2. Great Bay the West Charleston Hydro must operate in run-of-river mode. P. 10.

Therefore, West Charleston Hydro began commercial operation as a run-of-theriver facility after July 1, 2003 and has a nameplate capacity less than 5MW. Based on the foregoing, the Authority determines that the West Charleston Hydro qualifies as a Class I renewable energy facility.

C. FINDINGS OF FACT

- 1) West Charleston Hydro is a hydroelectric facility located in West Charleston, VT.
- 2) West Charleston Hydro has a nameplate capacity of .675 megawatts.
- 3) West Charleston Hydro has performed the repairs necessary to support run-of-river operations.

- 4) West Charleston Hydro began commercial operation as a run-of-river on April 12, 2011.
- 5) West Charleston Hydro is operated under a FERC license, No. 2306-008 and -024, issued November 21, 2003, and amended November 9, 2009.
- 6) West Charleston Hydro New England Generation Information System Identification Number NON33252.

III. CONCLUSION AND ORDER

A. CONCLUSION

Based on the evidence submitted, the Authority finds that West Charleston Hydro qualifies as a Class I renewable generation facility pursuant to Connecticut General Statutes §16-1(a)(26).

The PURA assigns each renewable generation source a unique Connecticut RPS registration number. West Charleston Hydro RPS registration number is CT00470-11. West Charleston's New England Generation Information System Identification Number is NON33252.

The Authority's determination in this docket is based on the information submitted by the Applicant. The PURA may reverse its ruling if any material information provided by the Applicant proves to be false or misleading. The Authority reminds the Applicant that it is obligated to notify the Authority within 10 days of any changes to any of the information it has provided to the Authority.

B. ORDER

For the following Orders, submit one original of the required documentation to the Executive Secretary, 10 Franklin Square, New Britain, CT 06051, <u>and</u> file an electronic version through the Authority's website at www.ct.gov/dpuc. Submissions filed in compliance with PURA Orders must be identified by all three of the following: Docket Number, Title and Order Number.

- West Charleston shall file it's quarterly generation output no later than 30 days following the end of each calendar quarter. This is the generation amount that will be reported to the NEPOOL GIS.
- 2) West Charleston shall file, by the date indicated in the table below, the Quarterly Generation Report from the GIS system that shows the number of RECs created by the facilities on the Creation Date (as defined in Section 2.1(b) of the GIS Operating rules, as amended from time to time) for said quarter. The reports are due on the following dates beginning, November 15, 2011:

Quarter	Trading Period	Creation Date	Due Date
1	July 15 - Sept. 16	July 15	August 15
2	Oct. 15 - Dec. 16	Oct. 15	November 15
3	Jan. 15 – March 16	Jan. 15	February 15
4	April 15 – June 16	April 15	May 15

DOCKET NO. 11-09-12 APPLICATION OF GREAT BAY HYDRO CORP FOR QUALIFICATION OF WEST CHARLESTON HYDRO AS A CLASS I RENEWABLE ENERGY SOURCE

This Decision is adopted by the following Directors:

Anna M. Ficeto

Kevin M. DelGobbo

John W. Betkoski, III

CERTIFICATE OF SERVICE

The foregoing is a true and correct copy of the Decision issued by the Public Utilities Regulatory Authority, State of Connecticut, and was forwarded by Certified Mail to all parties of record in this proceeding on the date indicated.

K. Sautopieted

October 20, 2011

Kimberley J. Santopietro Executive Secretary Department of Energy and Environmental Protection Public Utilities Regulatory Authority

Date