



PORTSMOUTH ABBEY SCHOOL

January 17, 2007

RI Public Utilities Commission
89 Jefferson Blvd
Warwick, RI 02888
Attn: Renewable Energy Resources Eligibility

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

Enclosed please find Portsmouth Abbey School's revised Renewable Energy Resources Eligibility Form along with Appendix D as required by the Renewable Energy Act Section 39-26-1. The Form was revised because it had the wrong ISO-NE Generation Unit Asset Identification Number as is called for in section 2.1.

Please contact me at the below email address or telephone number if you have questions/comments. I look forward to confirmation of our certification.

Sincerely,

A handwritten signature in blue ink, appearing to read "D. H. Brown", with a long horizontal flourish extending to the right.

David H. Brown
Business Manager
(401) 643-1227
dbrown@portsmouthabbey.org

Enclosures

RIPUC Use Only

Date Application Received: ___/___/___
Date Review Completed: ___/___/___
Date Commission Action: ___/___/___
Date Commission Approved: ___/___/___

GIS Certification #:

RENEWABLE ENERGY RESOURCES ELIGIBILITY FORM

The Standard Application Form

Required of all Applicants for Certification of Eligibility of Renewable Energy Resource
(Version 4 – November 7, 2006)

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
89 Jefferson Blvd
Warwick, RI 02888

Attn: Renewable Energy Resources Eligibility

In addition to the paper copies, electronic/email submittals are required under Commission regulations. Such electronic submittals should be sent to: Luly E. Massaro, Commission Clerk at lmassaro@puc.state.ri.us

- 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 email and directed to: Luly E. Massaro, Commission Clerk at lmassaro@puc.state.ri.us

SECTION I: Identification Information

- 1.1 Name of Generation Unit (sufficient for full and unique identification): Portsmouth Abbey Wind Turbine
- 1.2 Type of Certification being requested (check one):
 Standard Certification Prospective Certification (Declaratory Judgment)
- 1.3 This Application includes: (Check all that apply)¹
- 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
 - XX 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
- 1.4 Primary Contact Person name and title: David H. Brown, Business Manager
- 1.5 Primary Contact Person address and contact information:
Address: Portsmouth Abbey School
285 Corys Lane
Portsmouth, RI 02871
Phone: (401) 643-1227 Fax: (401) 643-1388
Email: dbrown@portsmouthabbey.org
- 1.6 Backup Contact Person name and title: Paul Jestings, Director of Operations
- 1.7 Backup Contact Person address and contact information:
Address: Portsmouth Abbey School
285 Corys Lane
Portsmouth, RI 02871
Phone: (401) 643-1234 Fax: (401) 643-1388
Email: pjestings@portsmouthabbey.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):

David H. Brown, Business Manager

Appendix A or B (as appropriate) completed and attached? Yes No N/A

1.9 Authorized Representative address and contact information:

Address: Portsmouth Abbey School
285 Corys Lane
Portsmouth, RI 02871

Phone: (401) 643-1227 Fax: (401) 643-1388

Email: dbrown@portsmouthabbey.org

1.10 Owner name and title: Order of St. Benedict in Portsmouth, Rhode Island
(dba, Portsmouth Abbey School)

1.11 Owner address and contact information:

Address: Portsmouth Abbey School
285 Corys Lane
Portsmouth, RI 02871

Phone: (401) 683-2000 Fax: (401) 643-1388

Email: dbrown@portsmouthabbey.org

1.12 Owner business organization type (check one):

Individual

Partnership

Corporation

Other: _____

1.13 Operator name and title: David H. Brown, Business Manager, Portsmouth Abbey School

1.14 Operator address and contact information:

Address: Portsmouth Abbey School
285 Corys Lane
Portsmouth, RI 02871

Phone: (401) 643-1227 Fax: (401) 643-1388

Email: dbrown@portsmouthabbey.org

1.15 Operator business organization type (check one):

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): MSS11827

2.2 Generation Unit Nameplate Capacity: 0.660 MW

2.3 Maximum Demonstrated Capacity: 0.670 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
- XX 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 3.31*

- ← 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 3.31*

- ← 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 2.1 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 certifying order.
Copy of State's certifying order attached? Yes No N/A

SECTION III: Commercial Operation Date

Please provide documentation to support all claims and responses to the following questions:

- 3.1 Date Generation Unit first entered Commercial Operation: 0 3 / 3 1 / 0 6 at the site.
- 3.2 Is there an Existing Renewable Energy Resource located at the site of Generation Unit?
- Yes
 No
- 3.3 If the date entered in response to question 3.1 is earlier than December 31, 1997 or if you checked "Yes" in response to question 3.2 above, please complete Appendix C.
- Appendix C completed and attached? Yes No N/A
- 3.4 Was all or any part of the Generation Unit used on or before December 31, 1997 to generate electricity at any other site?
- Yes
 No
- 3.5 If you checked "Yes" to question 3.4 above, please specify the power production equipment used and the address where such power production equipment produced electricity (attach more detail if the space provided is not sufficient):

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
 Self-reported to the NEPOOL GIS Administrator
 Other (please specify below and see Appendix D: Eligibility for Aggregations):

Appendix D completed and attached? 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)
- XX 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: Portsmouth Abbey School
285 Corys Lane
Portsmouth, RI 02871

5.3 Please provide the Generation Unit's geographic location information:

A. Universal Transverse Mercator Coordinates: _____

B. Longitude/Latitude: 71degrees-16'-7.16" / 41 degrees-35'-56.64"

5.4 The Generation Unit located: (please check the appropriate box)

- XX 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 XX No N/A

SECTION VI: Certification

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 Representative shall provide **either**:

- (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 Resources Eligibility Form or is otherwise authorized to legally bind the corporation in like matters.

Evidence of Board Vote provided? Yes No N/A

Corporate Certification provided? XX Yes No N/A

Individuals

If the Owner or Operator is an individual, that individual shall complete and attach APPENDIX A, or a similar form of certification from the Owner or Operator, duly notarized, that certifies that the Authorized Representative has authority to execute the Renewable Energy Resources Eligibility Form.

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.

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:

Caedmon Holmes
Very Rev. Caedmon Holmes
Prior Administrator

1/19/07

David H. Brown
David H. Brown
Business Manager

1/19/07

**APPENDIX D
(Required of Applicants Seeking Eligibility for Customer-Sited and/or Off-Grid Generation Facilities and Associated Aggregations)**

**STATE OF RHODE ISLAND
PUBLIC UTILITIES COMMISSION**

RENEWABLE ENERGY RESOURCES ELIGIBILITY FORM

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

Customer-sited and Off-grid Generation Facilities located in Rhode Island may be certified as an eligible resource if their NEPOOL GIS Certificates are created by way of an aggregation of Generation Units using the same generation technology, and so long as the aggregation is certified by the Commission. Please complete the following and attach documentation, as necessary to support all responses:

D.1 Please identify the location(s) in Rhode Island of each Generation Unit 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, or not connected to a utility transmission or distribution system.
[Order of St. Benedict in Portsmouth, Rhode Island \(dba, Portsmouth Abbey School\) 285 Corys Lane, Portsmouth, RI 02871](#)

D.2 Please attach proposed procedures under which the aggregate Generation Units will operate ("Aggregation Agreement"). In accordance with Section 6.8.(iii) of the RES Regulations, the proposed Aggregation Agreement shall contain the following information: **After speaking with Mr. Doug Hartley with the Public Utilities Commission (PUC), it is Portsmouth Abbey School's understanding that the rules for part D.2 are not applicable to Portsmouth Abbey School and are being changed.**

- (a) Name and contact information of the aggregator owner, to which these regulations and stipulations of certification shall apply, and who shall be the initial owner of any NEPOOL GIS Certifications so certified;
- (b) Name, contact information, and qualifications of the Verifier. Qualifications shall include any information the applicant believes will assist the Commission in determining that the Verifier will accurately and efficiently carry out its duties. After receipt of the application, the Commission may require additional evidence of qualifications;

- (c) A declaration of any and all business or financial relations between aggregator owner and Verifier, which the Commission will use to evaluate the independence of the Verifier.²
- (d) The Aggregation Agreement shall include a statement indicating under what circumstances the Verifier would not be considered sufficiently independent of the individual Generation Unit, and that Generation Units not meeting this independence test would not be allowed to participate in the aggregation;
- (e) Type of technology that will be included in the aggregation, and statement that the aggregation will include only individual Generation Units that meet all the requirements of these regulations, for example physical location, vintage, etc. (All generators within the aggregation must be of the same technology and fuel type);
- (f) Proposed operating procedures for the aggregation, by which the Verifier shall ensure that individual Generation Units in the aggregation comply with all eligibility requirements and that the NEPOOL GIS Certificates created accurately represent generation,³ and
- (g) Description of how the Verifier will be compensated for its services by the aggregator. In no instances will an aggregation be certified in which the Verifier is compensated in a manner linked to the number of NEPOOL GIS Certificates created by the aggregation.

D.3 Applicant must acknowledge that:

- (a) any changes to or deviations from the Aggregation Agreement will be considered a change in generator status, and will require recertification by the Commission;
 - XX ← please check this box to acknowledge this requirement
 - N/A or other (please explain) _____

² Reasons for ruling that a Verifier is not sufficiently independent include, but are not limited to: i) If one entity owns, directly or indirectly, or if a natural person so owns, 10% or more of the voting stock or other equity interest in the other entity; ii) If 10% or more of the voting stock or other equity interests in both entities are owned, directly or indirectly, by the same entity or a natural person; or iii) If one entity is a natural person, and such entity or a member of such entity's immediate family is an officer, director, partner, employee or representative of the other entity. It is important to note that rules are always subject to change in accordance with the State's Administrative Procedures Act (APA). For example, the Commission is asking NEPOOL to allow third party verification for customer sited/off-grid systems. If NEPOOL adopts this request, the Commission will change its rules in accordance with the APA.

³ At a minimum, these procedures will: i) require a determination that the Generation Unit exists and is in compliance with these RES Regulations and the Aggregation Agreement as approved by the Commission; ii) require a meter reading procedure that allows the Verifier to verify these readings; meter readings may be manual or remote and via the aggregators own system or via an independent system, but in all cases shall comply with NEPOOL GIS Operating Rules regarding metering; iii) specify how generation data will be entered into NEPOOL GIS to create NEPOOL GIS Certificates; iv) a procedure to verify independently that the NEPOOL GIS Certificates created for the aggregation are consistent with the meter readings; v) a procedure for the Verifier to report to the Commission on the results of their verification process; vi) require that verification and meter readings be done on a quarterly basis, except for units of two hundred KW or less, which may be done on an annual basis; and vii) procedures for correcting discrepancies in NEPOOL GIS Certificate generation identified by the Verifier.

(b) the Commission will be promptly notified of any changes to or deviations from the Aggregation Agreement; and

XX ← please check this box to acknowledge this requirement

N/A or other (please explain) _____

(c) in the event that notice of such changes or deviations is not promptly given, all Generation Units in the aggregation may be de-certified.

XX ← please check this box to acknowledge this requirement

N/A or other (please explain) _____

D.4 Applicant must certify that:

If the Generation Unit (or aggregation of generation units) is a Customer-sited or Off-grid Generation Resources, as provided in Rhode Island's Renewable Energy Standard law Section 39-26-2.4 and Section 3.25 of the RES Regulations, respectively, the associated Generation Attributes have not otherwise been, nor will be sold, retired, claimed or represented as part of electrical energy output or sales, or used to satisfy obligations in jurisdictions other than Rhode Island.

XX ← please check this box to certify that this statement is true

N/A or other (please explain) _____



PORTSMOUTH ABBEY SCHOOL

May 22, 2007

RI Public Utilities Commission
89 Jefferson Blvd
Warwick, RI 02888
Attn: Renewable Energy Resources Eligibility

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

Enclosed please find Portsmouth Abbey School's updated Appendix D for the Renewable Energy Act Section 39-26-1. The Appendix was updated to reflect a change in the proposed Verifier to Mr. Peter Reed of Coastal Electric. The main Renewable Energy Resources Eligibility Form is unchanged and therefore not resubmitted with this packet.

Please contact me at the below email address or telephone number if you have questions/comments. I look forward to confirmation of our certification.

Sincerely,

A handwritten signature in blue ink, appearing to read 'D.H. Brown', followed by a long horizontal line extending to the right.

David H. Brown
Business Manager
(401) 643-1227
dbrown@portsmouthabbey.org

Enclosure



PORTSMOUTH ABBEY SCHOOL

**STATE OF RHODE ISLAND
PUBLIC UTILITIES COMMISSION
Renewable Energy Resources Eligibility Form - Appendix D
Pursuant to the Renewable Energy Act
Section 39-26-1 et. seq. of the General Laws of Rhode Island**

**Part D.2
AGGREGATION AGREEMENT
PORTSMOUTH ABBEY WIND TURBINE**

- (a) Name and contact information of Aggregate Owner
The aggregate owner, to which these regulations and stipulations of certification apply and is the initial owner of any NEPOOL GIS Certifications so certified, is the Order of St Benedict in Portsmouth Rhode Island (dba, Portsmouth Abbey School). The designated Portsmouth Abbey School (the School) representative and contact is David H. Brown, Business Manager, Portsmouth Abbey School. Mr. Brown's contact information is:
- David H. Brown
Portsmouth Abbey School
285 Cory's Lane
Portsmouth, RI 02871
401-643-1227
dbrown@portsmouthabbey.org
- (b) Name, contact information, and qualifications of the Verifier
The verifier of the turbine KWH output and resultant certificates will be Mr. Peter Reed, owner of Coastal Electric. Mr. Reed has the following qualifications:
- Rhode Island Master Electrician (lic. #master: A1925; journey: B7293)
 - Electrical Engineering degree (BSEE) from Northeastern University (class of 1969)
 - An approved electrician for RITBA (Rhode Island Turnpike & Bridge Authority)
 - Security clearance to work at the Newport Naval War College
 - Approved electrical contractor for the City of Newport, Town of Portsmouth, and Town of Middletown

- Approved and licensed by the State of RI to conduct fire alarm testing & maintenance (corporate license #AC056)
- RIBA (Rhode Island Builder's Association) member
- NASB (National Association of Small Business Owners) member

Mr. Reed's firm is:

Coastal Electric
 64 Halsey Street, #21
 Newport, RI 02840
 401-849-5656
Costa.coastalelectric@verizon.net

- (c) Business or financial relations between Aggregate Owner and Verifier
 Coastal Electric tests all Portsmouth Abbey's fire alarms and is a preferred electrical contractor and fire alarm system installer for the Abbey. Therefore, Portsmouth Abbey School and Mr. Reed believe verification and input of wind turbine information is well within his professional purview.
- (d) Circumstances where Verifier would not be considered sufficiently independent
 The School has no other relationship with Mr. Reed or his firm beyond the fire alarm and electrical contracting. If the School were to employ Mr. Reed as an employee, it would remove his ability to be a subcontractor or verifier of energy credits. Mr. Reed's qualification as a verifier would also be disqualified if he were to lose his electrician's license.
- (e) Type of technology that will be included in the aggregation and statement
 This is a single site aggregation and the technology is a wind turbine/generator. No other generation technologies or fuel types will be included within this generation.
- (f) Proposed operating procedure for the generation
1. Mr. Reed has visually seen the turbine on numerous occasions as he lives in the area. He will obviously physically see the turbine every time he is on campus as well. He can therefore independently provide an opinion that the turbine exists.
 2. Mr. Reed will take meter readings monthly. He will verify quarterly (March 31, June 30, September 30, and December 31) the generator meter via visual inspection and also confirm there is no mechanical/communication error.
 3. Mr. Reed will then directly input the data directly into the NEPOOL-GIS web site.
 4. Respond to any RI PUC questions, surveys, reports requested by the PUC.
 5. Review the local electric provider invoices to verify KWH volume is consistent year to year. This will confirm the wind turbine is actually creating electricity and not just turning at random. Report directly to RI PUC regarding any deviation.

- (g) Description of how the Verifier will be compensated for its services
Mr. Reed will be compensated on a time and material basis for reading the wind turbine meter and for performing other related Verifier services listed above. He will invoice separately for costs associated with his Verifier work.

Signature of Authorized Representative:

SIGNATURE:

DATE:

Caedmon Holmes

24 May 2007

Very Rev. Caedmon Holmes

Prior Administrator

David H. Brown

5/22/07

David H. Brown

Business Manager