



NHPUC 19AUG15 4:52

August 18, 2015

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

RE: Groton Wind, LLC Application for a Class I Renewable Energy Source Certification

To Whom It May Concern,

Enclosed please find Iberdrola Renewables' Application to certify Groton Wind, LLC as a Class I Renewable Energy Source in the State of New Hampshire.

Please do not hesitate to contact me with any questions, or if you require additional information. I can be reached at 503-423-2024 or erin.hart@iberdrolaren.com.

Yours Sincerely,



Erin Hart
Executive Assistant

Enclosures: 3



State of New Hampshire
Public Utilities Commission
21 S. Fruit Street, Suite 10, Concord, NH 03301-2429



DRAFT

APPLICATION FORM FOR

RENEWABLE ENERGY SOURCE ELIGIBILITY FOR

CLASS I, CLASS II AND CLASS IV SOURCES (NON-BIOMASS)

Pursuant to New Hampshire Administrative Code [Puc 2500](#) Rules including Puc 2505.08, Certification of Certain Customer-Sited Sources

- 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 identify the renewable energy class for which the applicant seeks eligibility. Pursuant to Puc 2505.01, the Commission is required to render a decision on an application within 45 days of receiving a completed application.

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

1) Check the applicable class:

Eligibility Requested for Class I Class II Class IV

2) General Information

Applicant Name: Iberdrola Renewables

Mailing Address: 1125 NW Couch Street, Suite 700

Town/City: Portland State: OR Zip Code: 97209

Primary Contact: Erin Hart

Telephone: 503-423-2024 Cell: _____

Email address: erin.hart@iberdrolaren.com

3) Facility Information

Facility Name: Groton Wind, LLC
Mailing Address: 590 Groton Hollow Road
Physical Address: 590 Groton Hollow Road
Town/City: Rumney State: NH Zip Code: 03266
If the facility does not have a physical address, provide the Latitude _____ & Longitude _____

Facility Owner: Groton Wind, LLC
Telephone: 603-786-2862 Cell: _____
Email address: Rob.Batarags@iberdrolaren.com

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.)

Wind

Fuel Type: _____ Gross Nameplate Capacity*: 48 MW
Initial Date of Commercial Operation: December 28, 2012
If different, the Original Date of Operation: November 2, 2012

**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.)*

*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**.*

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: _____

Town/City: _____ State: _____ Zip Code: _____

Telephone: _____ Cell: _____

Email address: _____

(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.)

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.)

[Empty rectangular box for statement]

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, Diana Scholtes 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 [Signature] Date August 18, 2015

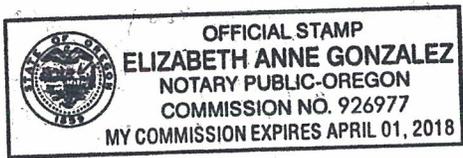
Applicant's Printed Name Diana Scholtes

Subscribed and sworn before me this 18th Day of August (month) in the year 2015

County of Multnomah State of Oregon

[Signature]
Notary Public/Justice of the Peace

My Commission Expires April 1, 2018



ATTACHMENT 4

ISO New England Inc. Original Service Agreement No. LGIA-ISONE/NU-12-01
ISO New England Inc. Transmission, Markets and Services Tariff, 0.0.0
Open Access Transmission Tariff
Schedule 22 – Large Generator Interconnection Agreement

LARGE GENERATOR INTERCONNECTION AGREEMENT

BY AND AMONG

ISO NEW ENGLAND INC.

AND

GROTON WIND, LLC

AND

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE

Contains Critical Energy Infrastructure Information – Do Not Release

Issued by: Raymond W. Hepper
Vice President and General Counsel
Issued on: April 18, 2012

Effective Date: May 9, 2012

APPENDIX 6
LARGE GENERATOR INTERCONNECTION
AGREEMENT

TABLE OF CONTENTS

Article 1	Definitions
Article 2	Effective Date, Term and Termination
Article 3	Regulatory Filings
Article 4	Scope of Service
Article 5	Interconnection Facilities Engineering, Procurement, and Construction
Article 6	Testing and Inspection
Article 7	Metering
Article 8	Communications
Article 9	Operations
Article 10	Maintenance
Article 11	Performance Obligation
Article 12	Invoice
Article 13	Emergencies
Article 14	Regulatory Requirements and Governing Law
Article 15	Notices
Article 16	Force Majeure
Article 17	Default
Article 18	Indemnity, Consequential Damages and Insurance
Article 19	Assignment
Article 20	Severability
Article 21	Comparability
Article 22	Confidentiality
Article 23	Environmental Releases
Article 24	Information Requirements
Article 25	Information Access and Audit Rights
Article 26	Subcontractors
Article 27	Disputes

Article 28	Representations, Warranties and Covenants
Article 29	Omitted
Article 30	Miscellaneous

APPENDIX C TO LGIA

Interconnection Details

1. Description of Interconnection:

Interconnection Customer shall install a 48MW gross and net Large Generating Facility, with all studies performed at or below these outputs. The Generating Facility is comprised of 24 wind turbine generators each with a rated power of 2 MW. Interconnection Customer shall also install a dynamic reactive compensation device rated for +/- 8 MVAR, connected to the 34.5 kV bus in Interconnection Customer's collector substation.

The Large Generating Facility shall receive:

Network Resource Interconnection Service for the NR Capability at a level not to exceed See below.

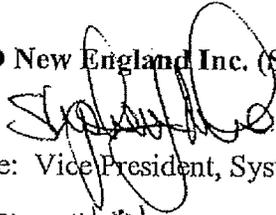
Capacity Network Resource Interconnection Service for: (a) the NR Capability at a level not to exceed 48MW for Summer and Winter; and (ii) the CNR Capability at 9.751 MW for Summer and 19.771 MW for Winter, which shall not exceed 9.751 MW for Summer and 19.771 MW for Winter. The CNR Capability shall be the highest amount of the Capacity Supply Obligation obtained by the Generating Facility in accordance with Section III.13 of the Tariff and, if applicable, as specified in filings by the System Operator with the Commission pursuant to Section III.13 of the Tariff.

2. Detailed Description of Generating Facility and Generator Step-Up Transformer, if applicable:

Generator Data	
Number of Generators	24
Manufacturer	Gamesa
Model	2.0
Designation of Generator(s)	Groton Wind Units 1-24
Excitation System Manufacturer	N/A

IN WITNESS WHEREOF, the Parties have executed this LGIA in triplicate originals, each of which shall constitute and be an original effective Agreement between the Parties.

ISO New England Inc. (System Operator)

By: 

Title: Vice President, System Planning

Date: 4/19/2012

NUSCO on behalf of Public Service Company of New Hampshire (Interconnecting Transmission Owner)

By:

Title: Vice President – Transmission Projects Engineering and Maintenance

Date:

Groton Wind LLC (Interconnection Customer]

By:

Title: Authorized Representative

Date:

Groton Wind LLC (Interconnection Customer]

By:

Title: Authorized Representative

Date:

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By:

Title: Vice President, System Planning

Date:

NUSCO on behalf of Public Service Company of New Hampshire (Interconnecting Transmission Owner)

By:



Title: Vice President – Transmission Projects Engineering and Maintenance

Date: 4/19/12

Groton Wind LLC (Interconnection Customer]

By:

Title: Authorized Representative

Date:

Groton Wind LLC (Interconnection Customer]

By:

Title: Authorized Representative

Date:

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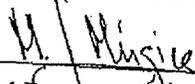
NUSCO on behalf of Public Service Company of New Hampshire (Interconnecting Transmission Owner)

By:

Title: Vice President – Transmission Projects Engineering and Maintenance

Date:

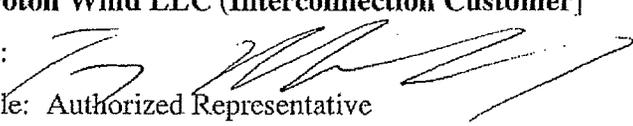
Groton Wind LLC (Interconnection Customer)

By: 

Title: Authorized Representative

Date: 5/7/12

Groton Wind LLC (Interconnection Customer)

By: 

Title: Authorized Representative

Date: 5/2/12