

August 10, 2012

Rhode Island Public Utilities Commission 89 Jefferson Blvd Warwick, RI 02888

ATTN: Renewable Energy Resources Eligibility

To whom it may concern:

Enclosed please find one original and three copies of the Renewable Energy Resource Eligibility Form, Standard Application for the 1.6 MW Ipswich Wind Turbine located in Ipswich, Massachusetts. The Ipswich Municipal Light Department is applying for Certification of Eligibility as a Rhode Island Renewable Energy Resource.

As required by the application instructions, an electronic copy of this application has also been sent to Luly E. Massaro, Commission Clerk and all recipients on the interested party list located on the Commissions website.

If you have any questions, or need additional information, please contact me at (413) 308-1331.

Sincerely,

Michael Lynch, Director, Market Management & Planning

CC: Mr. Timothy Henry, Ipswich Director of Utilities

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 7 – June 11, 2010)

# 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: <a href="www.ripuc.org/utilitvinfo/res.html">www.ripuc.org/utilitvinfo/res.html</a>. 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 <a href="https://www.ripuc.org/utilityinfo/res.html">www.ripuc.org/utilityinfo/res.html</a>.
- · 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 <a href="massaro@puc.state.ri.us">lmassaro@puc.state.ri.us</a>

Standard Application Form for RI-RES Certification (Version 7 - 6/11/10)

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### **SECTION I: Identification Information**

1.1	Name of Generation Unit (sufficient for full and unique identification): Ipswich Wind 1
1.2	Type of Certification being requested (check one):
	Standard Certification    Prospective Certification (Declaratory Judgment)
1.3	This Application includes: (Check all that apply) <sup>1</sup>
	☐ 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
1.4 Pla	Primary Contact Person name and title: Michael Lynch, Director Market Management & anning
1.5	Primary Contact Person address and contact information: Address: Massachusetts Municipal Wholesale Electric Company (MMWEC) 327 Moody Street Ludlow, Ma 01056 Phone: (413) 308-1331 Fax: (413) 589-1585 Email: mlynch@mmwec.org
1.6	Backup Contact Person name and title: Michael DiMauro, Environmental Engineer
1.7	Backup Contact Person address and contact information: Address: Massachusetts Municipal Wholesale Electric Company (MMWEC) 327 Moody Street Ludlow, Ma 01056 Phone: (413) 308-1243 Fax: (413) 589-1585 Email: mdimauro@mmwec.org
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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,

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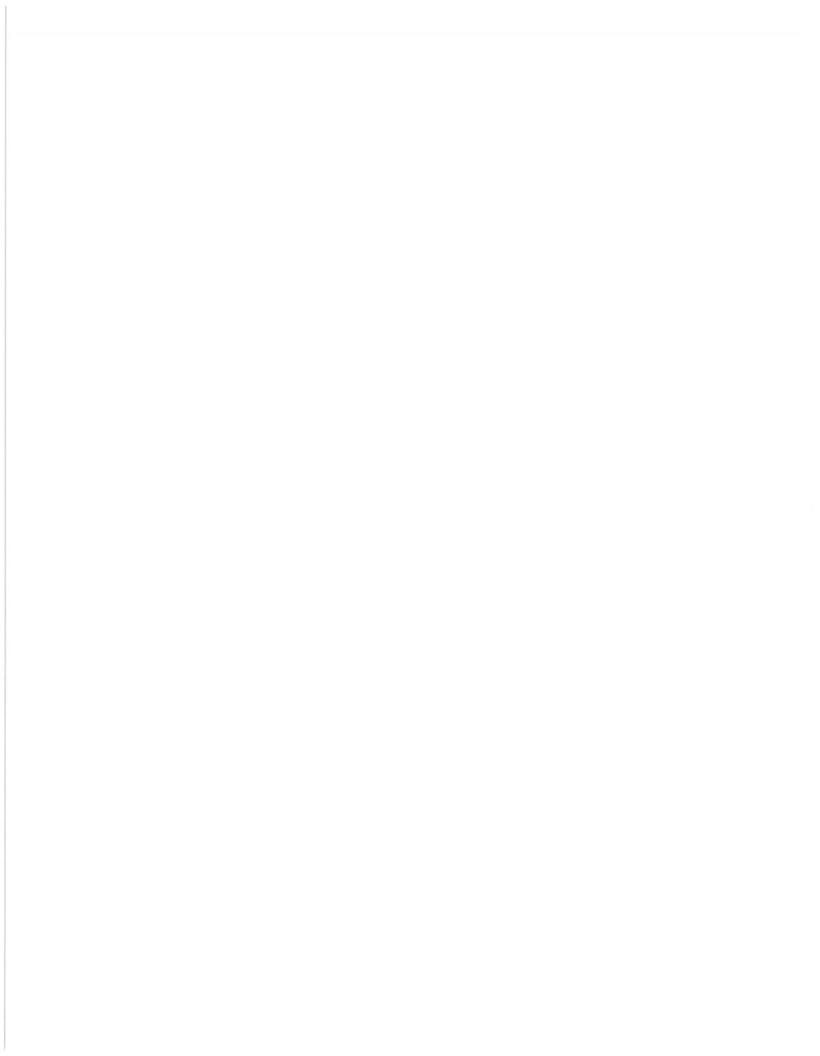
Page 2

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.

	nd whose signature will appear on the application): Mr. Timothy Henry, Director of tilities, Ipswich Municipal Light Department
	Appendix A or B (as appropriate) completed and attached? ☐ Yes ☐ No 🎏 N/A
1.9	Authorized Representative address and contact information:  Address: Mr. Timothy Henry, Director of Utilities  Ipswich Municipal Light Department  272 High Street  P. O. Box 151  Ipswich, MA 01938  Phone: (978) 356-6635 ext. 109  Fax: (978) 356-6634  Email: thenry@ipswichutilities.org
.10	Owner name and title: Town of Ipswich - Ms. Robin Crosbie, Town Manager
.11	Owner address and contact information: Address: Ms. Robin Crosbie, Town Manager 25 Green Street Ipswich MA 01938 Phone: 978-356-6609 Fax: 978-356-6616 Email: tm@ipswich-ma.gov
.12	Owner business organization type (check one):  Individual Partnership Corporation Other: Municipality
.13	Operator name and title: Ipswich Municipal Light Department
.14	Operator address and contact information:  Address: Mr. Timothy Henry, Director of Utilities  Ipswich Municipal Light Department  272 High Street  P. O. Box 151  Ipswich, MA 01938
	Phone: (978) 356-6635 ext. 109 Fax: (978) 356-6634 Email: thenry@ipswichutilities.org
.15	Operator business organization type (check one):  ☐ Individual ☐ Partnership ☐ Corporation ☐ Other: Municipal Utility

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	☐ SE	CCTION II: Generation Unit Information, Fuels, Energy Resources and Technologies
2.1		NE Generation Unit Asset Identification Number or NEPOOL GIS Identification per (either or both as applicable): GIS: MSS16659
2.2	Gener	ration Unit Nameplate Capacity: 1.6 MW
2.3	Maxir	num Demonstrated Capacity: 1.6 MW
2.4	the Ge Di Th M Th Sr Bi asy fue Bi Bi Bi	e indicate which of the following Eligible Renewable Energy Resources are used by eneration Unit: (Check ALL that apply) – per RES Regulations Section 5.0 rect solar radiation ne wind overment of or the latent heat of the ocean ne heat of the earth nall hydro facilities omass facilities using Eligible Biomass Fuels and maintaining compliance with all pects of current air permits; Eligible Biomass Fuels may be co-fired with fossil els, provided that only the renewable energy fraction of production from multi-fuel cilities shall be considered eligible.  Omass facilities using unlisted biomass fuel omass facilities, multi-fueled or using fossil fuel co-firing tel cells using a renewable resource referenced in this section
2.5		box checked in Section 2.4 above is "Small hydro facilities", please certify that the y's aggregate capacity does not exceed 30 MW. – per RES Regulations Section  — check this box to certify that the above statement is true  N/A or other (please explain)
2.6	facility	box checked in Section 2.4 above is "Small hydro facilities", please certify that the y does not involve any new impoundment or diversion of water with an average y 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
2.7		checked one of the Biomass facilities boxes in Section 2.4 above, please respond following:
	A.	Please specify the fuel or fuels used or to be used in the Unit:
	В.	Please complete and attach Appendix F, Eligible Biomass Fuel Source Plan.  Appendix F completed and attached?  Yes No N/A

Standard Application Form for RI-RES Certification (Vers	on $7 - 6/11/10$ )
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2.8			peen certified as a portfolio standar	a Renewable Ener	gy Resour	ce for elig	gibility in
	Yes Yes	☐ No	If yes, please a	ttach a copy of the	at state's c	ertifying	order.
	Copy of State	e's certifyin	g order attached?		🗷 Yes	☐ No	□ N/A
SEC	ΓΙΟΝ III: Con	nmercial O	peration Date				
Pleas	e provide docur	nentation to	support all clain	ns and responses t	to the follo	wing que	stions:
3.1	Date Generati	on Unit firs	t entered Comme	ercial Operation: 0	06 / 09 / 20	11 at the	site.
	verification, s	such as the poer 31, 1997	utility log or meto . This is needed i	December 31, 1999 ering data, showin n order to verify t	g that the	meter firs	t spun
	Documentation	on attached	?		Yes Yes	□ No	□ N/A
3.2	Is there an Ex	cisting Rene	ewable Energy Re	esource located at	the site of	Generation	on Unit?
	☐ Yes ☒ No						
3.3				3.1 is earlier than above, please con			
	Appendix C o	completed a	nd attached?		☐ Yes	☐ No	🛭 N/A
3.4	Was all or any generate elect			t used on or before	e Decembe	er 31, 199	7 to
	☐ Yes No						
3.5	equipment use	ed and the ac	ddress where sucl	e, please specify the power production provided is not suf	n equipme		
SECT	TION IV: Met	ering					
4.1	that apply):		Generation Unit's ement System	electrical energy	output is v	verified (c	heck all

ISO-NE Market Settlement System	
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	☐ Self-reported to the NEPOOL GIS Administrator ☐ Other (please specify below and see Appendix D: Eli	gibility for	Aggregations):
	Appendix D completed and attached?	☐ Yes	□ No □ N/A
SECT	ION V: Location		
5.1	Please check one of the following that apply to the Gener	ation Unit:	NAME OF THE PARTY
	Grid Connected Generation  Off-Grid Generation (not connected to a utility transmost Customer Sited Generation (interconnected on the enelectricity meter in such a manner that it displaces all consumption of the end-use customer)	d-use custo	mer side of the retail
5.2	Generation Unit address: 200 Town Farm Road Ipswich, MA 01938		
5.3	Please provide the Generation Unit's geographic location	informatio	on:
	A. Universal Transverse Mercator Coordinates:		
	B. Longitude/Latitude: 70° 50'31.41"W / 42°-42'-59	9.36" (NAI	9 83)
5.4	The Generation Unit located: (please check the appropria	te box)	
	<ul> <li>In the NEPOOL control area</li> <li>In a control area adjacent to the NEPOOL control are</li> <li>In a control area other than NEPOOL which is not ad area ← If you checked this box, then the generator do therefore, please do not complete/submit this form.</li> </ul>	jacent to th	
5.5	If you checked "In a control area adjacent to the NEPOO above, please complete Appendix E.	L control a	rea" in Section 5.4
	Appendix E completed and attached?	☐ Yes	□ No 💆 N/A

Standard Application Form for RI-RES Certification (Version 7)	-6/11/10
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### **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 <b>either</b> :											
	<ul> <li>(a) Evidence of a board of directors vote granting authority to the Authorized Representative to execute the Renewable Energy Resources Eligibility Form, or</li> <li>(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.</li> </ul>											
	Evidence of Board Vote provided?	Yes	□ No	□ N/A								
	Corporate Certification provided?	☐ Yes	□ No	X N/A								
	<u>Individuals</u>											
	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 Eligible.	m the Ow Represen	ner or tative has									
	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	Ø N/A								

Standard Applic	cation Form	for RI-RES	Certification	(Version '	7 - 6/11/10
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### 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:
Timany Henry	7-31-20

Timothy Henry, Director of Utilities, Ipswich Municipal Light Department

### Attachment 1

Copy of Class 1 Renewable Generation Statement of Qualification from the State of Massachusetts as required by section 2.8 of the Rhode Island Renewable Energy Resources Eligibility Form.

# Commonwealth of Massachusetts Executive Office of Energy and Environmental Affairs DEPARTMENT OF ENERGY RESOURCES

### **AMENDED STATEMENT OF QUALIFICATION**

# Pursuant to the Renewable Energy Portfolio Standard – Class I 225 CMR 14.00

This Statement of Qualification, provided by the Massachusetts Department of Energy Resources (DOER or the Department), signifies that the Generation Unit identified below, as described in a Statement of Qualification Application dated April 28, 2011 (SQA ID # 10826), meets the requirements for eligibility as an RPS Class I Renewable Generation Unit, pursuant to the Renewable Energy Portfolio Standard — Class I, 225 CMR 14.05. Therefore, this Generation Unit is duly qualified as an RPS Class I Renewable Generation Unit.

Generation Unit Name, Capacity, and Location:

Ipswich Wind Farm 1 1.6 MW DC Ipswich, MA

Authorized Representative's Name and Address:

Timothy Henry Utilities Director Ipswich Municipal Light Department 272 High Street Ipswich, MA 01938

The RPS Effective Date of this Unit is June 1, 2011.

This RPS Class I Renewable Generation Unit is assigned a unique Massachusetts RPS Identification Number, listed below. Please include the ID number on all correspondence with DOER.

#### MA RPS Class I ID #: WD-1194-11

This Unit's NEPOOL GIS Generation Unit Asset Identification Numbers are:

### NON33517 (for Q2 2011) & MSS16659 (for Q3 2011 and beyond)

The Qualification of this Generation Unit is subject to all applicable provisions in 225 CMR 14.00, including but not limited to the following. Pursuant to 225 CMR 14.06(5) and (6), the Owner or Operator of the Unit is obligated to notify DOER of any changes in the characteristics of the Unit that could affect its eligibility status, as well as any changes in the Unit's ownership, generation capacity, or contact information. DOER may suspend or revoke this Statement of Qualification if the Owner or Operator fails to comply with 225 CMR 14.00, including the provisions of this Statement of Qualification.

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\_ Date: August 29, 2011

Mark D. Sylvia Commissioner Department of Energy Resources



Deval L. Patrick Governor

Timothy P. Murray Lieutenant Governor

# COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICE OF ENERGY AND ENVIRONMENTAL AFFAIRS

### DEPARTMENT OF ENERGY RESOURCES

100 CAMBRIDGE ST., SUITE 1020 BOSTON, MA 02114

> Telephone: 617-626-7300 Facsimile: 617-727-0030

> > Richard K. Sullivan, Jr. Secretary

Mark D. Sylvia Commissioner

August 29, 2011

Timothy Henry Utilities Director Ipswich Municipal Light Department 272 High Street Ipswich, MA 01938

RE: RPS Class I Eligibility Decision

Ipswich Wind Farm 1, 1.6 MW in Ipswich, MA (WD-1194-11)

Dear Mr. Henry,

On behalf of the Department of Energy Resources (the Department), I am pleased to inform you that the Statement of Qualification Application for the Ipswich Wind Farm (**SQA ID** # **10826**) pursuant to the Massachusetts Renewable Energy Portfolio Standard (RPS) – Class I Regulations has been approved, as documented in the enclosed Statement of Qualification. The Department finds that the Generation Unit meets the requirements for eligibility as an RPS Class I Renewable Generation Unit pursuant to 225 CMR 14.05.

Each Massachusetts Class I Renewable Generation Unit is assigned a unique Massachusetts RPS Class I Identification Number (MA RPS Class I ID#), which must be included in all correspondence with the Department. As stated in the Statement of Qualification, your Unit's MA RPS Class I ID# is <u>WD-1194-11</u>.

The Department wishes to remind you of the notification requirements in 225 CMR 14.06(5) for changes in the Unit that could affect its eligibility status and in 225 CMR 14.06(6) for changes in capacity, contact information, and identity of the Owner or Operator. The Owner or Operator of the Generation Unit shall submit notification of such changes to the Department

MA RPS-I Statement of Qualification Letter 8/29/11. Page 2 of 2

Timothy Henry, Ipswich Municipal Light Department WD-1194, Ipswich Wind Farm 1

no later than five days following the end of the month during which such changes were implemented.

Second, the Department calls your attention to the Independent Verifier requirements for Generation Units whose output is not reported to the NEPOOL GIS via the ISO New England, pursuant to 225 CMR 14.05(1)(c). RPS Class I qualification of the output of the Unit includes DOER approval of your Independent Verifier: Massachusetts Municipal Wholesale Electric Company (MMWEC). Either you personally or an appropriate officer of Ipswich Municipal Light Department must inform DOER of any substantive change in the relationships between MMWEC and Ipswich MLD, that could affect MMWEC's qualification to serve in the capacity of Independent Verifier. In the event that the Ipswich MLD decides to engage a different entity as the Unit's Independent Verifier, then its new choice also must be approved by DOER as a condition of continued qualification of the Unit's electricity output. Also note that the Independent Verifier must maintain detailed records of the monthly meter readings of the Unit, and that those records are subject to inspection by the Department. Lastly, specific to this project, MMWEC will only be qualified as the Independent Verifier for generation occurring during the second quarter of 2011. All generation occurring in subsequent quarters will be reported to NEPOOL GIS via ISO New England.

Third, the Department calls your attention to the provision requiring that the amount of the RPS qualified generating capacity must not be committed to any Control Area other than the ISO New England Control Area, pursuant to 225 CMR 14.05(1)(e)1.

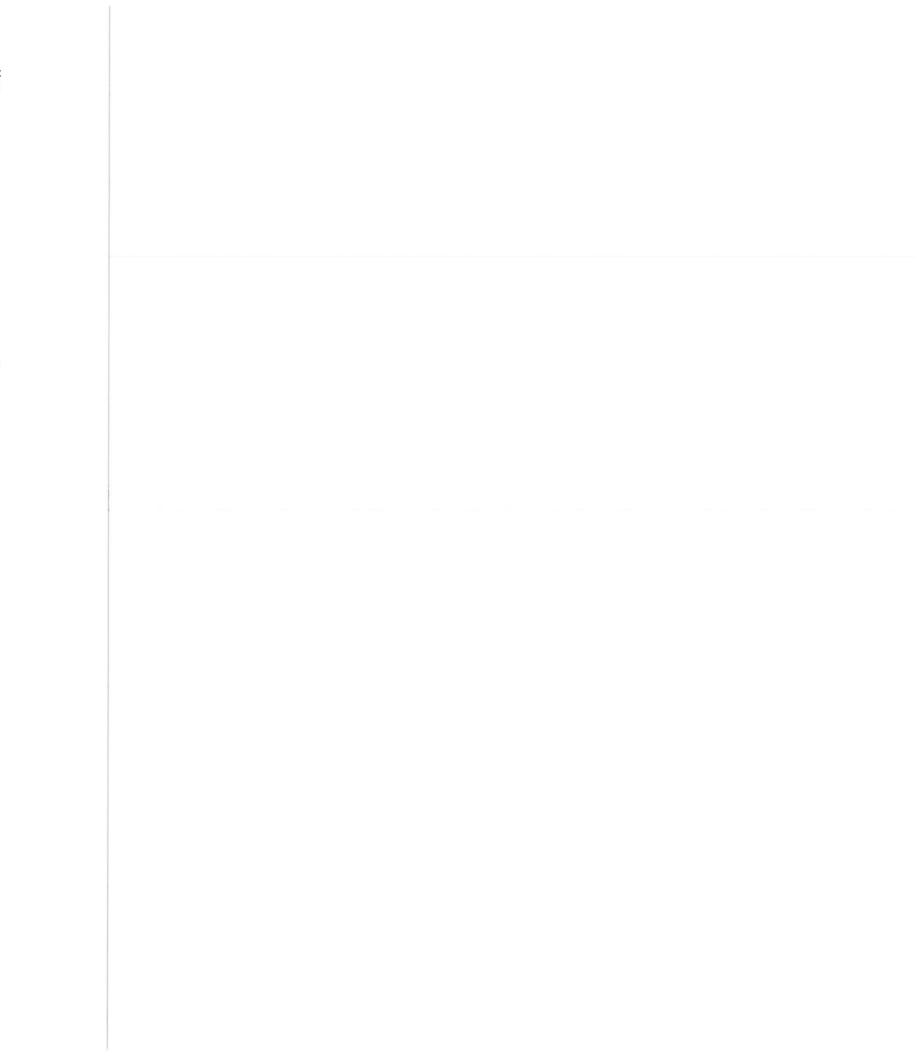
Finally, the Department wishes to remind you to be cognizant of the Operating Rules and the reporting requirements of the NEPOOL GIS, which may be amended from time to time, and compliance with which may affect the RPS qualification of your Generation Unit's GIS certificates.

If you have any questions or concerns about the Statement of Qualification or any aspect of the RPS program, please contact Howard Bernstein, RPS Program Manager, at the Department's address, or (617) 626-7355, or <a href="https://howard.bernstein@state.ma.us">howard.bernstein@state.ma.us</a>.

Sincerely,

Robert Sydney General Counsel

Encl: Statement of Qualification



### Attachment 2

Copy of documentation of meter reading data demonstrating commercial operation date as required by section 3.1 of the Rhode Island Renewable Energy Resources Eligibility Form.

Please note that the first page of the attachment is the meter reading from May of 2011, which returns no generation as there were no meter readings for that month. The second sheet provides daily meter readings for the month of June 2011.



## Ipswich Ipswich Wind kWh - May 2011

Hour	5/1	5/2	5/3	5/4	5/5	5/6	5/7	5/8	5/9	5/10	5/11	5/12	5/13	5/14	5/15	5/16	5/17	5/18	5/19	5/20	5/21	5/22	5/23	5/24	5/25	5/26	5/27	5/28	5/29	5/30	5/31
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				$\blacksquare$
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	. 0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				ــــــــــــــــــــــــــــــــــــــ	<u> </u>	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	<b>₩</b>				0			0			-
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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## Ipswich Ipswich Wind kWh - June 2011

Hour	6/1	6/2	6/3	6/4	6/5	6/6	6/7	6/8	6/9	6/10	6/11	6/12	6/13	6/14	6/15	6/16	6/17	6/18	6/19	6/20	6/21	6/22	6/23	6/24	6/25	6/26	6/27	6/28	6/29	6/30
1	0	0	0	0	0	0	0	0	740	709	108	231	234	0	295	498	1,108	428	20	345	2	703	765	929	327	8	247	331	51	138
2	0	0	0	0	0	0	0	0	570	455	56	209	176	0	222	739	654	249	40	144	0	251	1,318	887	396	6	228	216	28	190
3	0	0	0	0	0	0	0	0	401	1,181	17	410	33	152	215	1,011	606	360	338	33	107	0	653	872	970	18	317	203	57	435
4	0	0	0	0	0	0	0	0	313	646	0	845	26	304	515	882	731	101	745	35	180	0	202	661	821	0	301	136	54	315
5	0	0	0	0	0	0	0	0	643	75	0	1,106	0	227	417	781	1,241	87	741	0	151	0	412	792	803	0	494	155	15	374
6	0	0	0	0	0	0	0	0	696	287	358	1,002	0	404	571	730	1,129	109	724	0	166	0	604	1,011	775	0	626	82	69	619
7	0	0	0	0	0	0	0	0	1,248	361	331	1,201	0	146	482	708	597	31	515	48	157	0	868	840	943	0	468	11	60	542
8	0	0	. 0	0	0	0	0	0	1,557	252	29	1,302	0	1,045	509	497	414	2	443	58	106	0	634	691	780	0	92	0	29	312
9	0	0	0	0	0	0	0	0	879	229	101	1,171	0	1,465	511	207	299	141	504	5	32	0	752	625	120	0	19	0	0	164
10	0	0	0	0	0	0	0	0	1,352	385	109	1,461	40	1,251	951	133	306	195	1,063	0	0	0	354	519	240	0	49	0	0	201
11	0	0	0	0	0	0	0	0	1,102	278	14	1,532	5	1,120	1,009	85	536	157	1,011	0	2	0	666	546	52	0	16	32	0	266
12	0	0	0	0	0	0	0	0	66	203	0	1,556	0	869	403	130	1,053	115	426	18	31	74	751	341	90	0	0	81	2	356
13	0	0	0	0	0	0	0	0	10	343	0	1,507	0	617	448	142	394	85	818	25	62	59	650	361	80	3	96	118	0	567
14	0	0	0	0	0	0	0	0	355	309	0	1,462	0	369	550	112	656	205	692	24	120	0	544	491	0	64	183	60	18	203
15	0	0	0	0	0	0	0	0	646	496	42	974	0	553	121	95	563	207	504	11	177	0	422	734	0	0	221	224	324	246
16	0	0	0	0	0	0	0	0	528	593	177	1,127	86	489	153	70	485	199	418	19	112	0	600	745	0	166	24	208	272	451
17	0	0	0	0	0	0	0	0	445	392	92	780	97	500	130	63	510	30	288	53	160	0	513		0	126	175		346	338
18	0	0	0	0	0	0	0	0	534	73	190	872	331	556	264	57	739	26	360	57	207	0	502	710	0	82	237	203	344	283
19	0	0	0	0	0	0	0	0	586	131	713	770	252	636	22	192	297	43	267	47	126	0	1,023	820	13	106	213	261	548	113
20	0	0	0	0	0	0	0	0	461	76	685	626	92	235	0	282	337	41	134	104	178	27	729	663	0	49	77	182	371	12
21	0	0	0	0	0	0	0	0	620	72	955	594	44	351	55	335	229	342	236		257	211	826	962	0	97	241		608	21
22	0	0	0	0	0	0	0	0	742	76	843	461	48	152	122	541	443	45	383	115	298	236	596	498	0	43	180		605	40
23	0	0	0	0	0	0	0	0	745	122	399	560	0	256	189	975	323	0	465	82	601	364	711	444		80	255	-	353	0
24	0	0	0	0	0	0	0	0	1,027	75	375	345	9	356	271	1,117	528	15	735		756		919	602		92	528		221	342
Total	0	0	0	0	0	0	0	0	16,266	7,819	5,594	22,104	1,473	12,053	8,425	10,382	14,178	3,213	11,870	1,458	3,988	2,516	16,014	16,825	6,592	940	5,287	3,301	4,375	6,528

## Attachment 3

Copy of excerpted meeting minutes from an April 25, 2011 meeting of the Ipswich Board of Selectmen wherein Mr. Timothy Henry, Director of Utilities was voted the Authorized Representative for the Ipswich Wind Turbine 1.

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I, the Secretary of the Board of Selectmen of the Town of Ipswich, Massachusetts, certify that at a meeting of the board held April 25<sup>th</sup>, 2011, of which meeting all members of the board were duly notified and at which a quorum was present and acting throughout, the following vote was passed by a vote of 5 to, all of which appears in the official records of the board in my custody:

Voted:

1. that the Town of Ipswich hereby agrees to authorize Timothy
Henry Director of Utilities to execute a Statement of
Qualifications Application to be filed with The Massachusetts
Executive Office of Energy and Environmental Affairs for the
registration of its 1.6 MW Wind Turbine for the purpose of
selling renewable energy credits.

I further certify that the above vote was taken at a meeting open to the public; that notice stating the place, date, and time of the meeting was filed with the Town clerk and a copy thereof was posted in the office of the Town clerk or on the principal official bulletin board of the Town at least 48 hours, including Saturdays but not Sundays or legal holidays, prior to such meeting and remained so posted at the time of the meeting; that in connection with the above vote, no deliberations or decisions were taken in private or executive session; and that the official record of the meeting was or will be made available to the public, all in accordance with G.L.c.39 Section 23B, as amended.

Dated: April 26th, 2011

Secretary of the Board of Selectmen