

October 31, 2008

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

Attn: Renewable Energy Resources Eligibility

Dear Rhode Island PUC:

With this letter, Pine Tree Landfill is submitting a petition for certification of its gas-to-energy facility as a new renewable energy source pursuant to the Renewable Energy Act, Section 39-26-1 et. Seq. of the General Laws of Rhode Island.

Donald Meagher

Sincerely

Manager of Planning and Development

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 6 – January 21, 2008)

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 <u>RES@puc.state.ri.us</u>

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The Standard Application Form

Required of all Applicants for Certification of Eligibility of Renewable Energy Resource
(Version 6 – January 21, 2008)

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- 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 RES@puc.state.ri.us

SECTION I: Identification Information

1.1 <u>Pine 7</u>	Name of Generation Unit (sufficient for full and unique identification): Tree Landfill		
1.2	Type of Certification being requested (check one): X Standard Certification Prospective Certification (Declaratory Judgment)		
1.3	This Application includes: (Check all that apply) ¹		
	X APPENDIX A: Authorized Representative Certification for Individual Owner or Operator	4	Formatted: Bullets and Numbering
	☐ APPENDIX B: Authorized Representative Certification for Non-Corporate Entities Other Than Individuals		
	X APPENDIX C: Existing Renewable Energy Resources	4	Formatted: Bullets and Numbering
	☐ 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: <u>Donald Meagher, Manager of Planning and Development</u>		
1.5	Primary Contact Person address and contact information: Address: 358 Emerson Mill Road, Hampden, Maine 04444		
	Phone: (207) 862-4200 ext. 230 Fax: (207) 862-4207 Email: don.meagher@casella.com	-	
1.6	Backup Contact Person name and title: <u>Dan Dutile, Environmental Technician</u>		
1.7	Backup Contact Person address and contact information: Address: 358 Emerson Mill Road, Hampden, Maine 04444	-	
	Phone: (207) 862-4200 ext. 222 Fax: (207) 862-4207 Email: _dan.dutile@casella.com	-	

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): Brian Oliver, Regional Vice President	
	Appendix A or B (as appropriate) completed and attached? X Yes \Box No \Box N/A	
1.9	Authorized Representative address and contact information: Address: 110 Main Street, Suite 1308, Saco, Maine 04072	1
	Phone: (207) 286-1668 ext. 405 Fax: (207) 286-1696 Email: brian.oliver@casella.com	
1.10	Owner name and title: New England Waste Services of ME, Inc.	-
1.11	Owner address and contact information: Address: 110 Maine Street, Suite 1308, Saco, Maine 04072	·
	Phone: (207) 286-1668 Fax: (207) 286-1696 Email:	<u>. </u>
1.12	Owner business organization type (check one): Individual Partnership X Corporation Other:	Formatted: Bullets and Numbering
1.13	Operator name and title: New England Waste Services of ME, Inc.	
1.14	Operator address and contact information: Address: _358 Emerson Mill Road, Hampden, Maine 04444	-
	Phone: (207) 862-3920	_
1.15	Operator business organization type (check one): ☐ Individual ☐ Partnership X Corporation ☐ Other:	Formatted: Bullets and Numbering

SECT	ΓΙΟΝ ΙΙ: 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): 14767	
2.2	Generation Unit Nameplate Capacity: 3.17 MW	
2.3	Maximum Demonstrated Capacity: 3MW	
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. X 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	Formatted: Bullets and Numbering
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: <u>landfill gas</u> (methane)	
	B. Please complete and attach Appendix F, Eligible Biomass Fuel Source Plan. Appendix F completed and attached? Yes \square No X N/A	

2.8	Has the Generation Unit been certified as a Renewable Energy Resource for eligibility in another state's renewable portfolio standard? X Yes □ No If yes, please attach a copy of that state's certifying order.	Formatted: Bullets and Numbering
	Copy of State's certifying order attached? X Yes \square No \square N/A	
SEC	TION III: Commercial Operation Date	
Pleas	e provide documentation to support all claims and responses to the following questions:	
3.1	Date Generation Unit first entered Commercial Operation: $0 1 / 2 9 / 0 8$ at the site.	
3.2	Is there an Existing Renewable Energy Resource located at the site of Generation Unit?	
	☐ Yes X No	Formatted: Bullets and Numbering
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? \Box Yes \Box No \Box 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 X No	Formatted: Bullets and Numbering
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):	
SEC	CTION IV: Metering	
4.1	Please indicate how the Generation Unit's electrical energy output is verified (check all that apply): X ISO-NE Market Settlement System ☐ Self-reported to the NEPOOL GIS Administrator ☐ Other (please specify below and see Appendix D: Eligibility for Aggregations):	Formatted: Bullets and Numbering
	Appendix D completed and attached? □ Yes □ No □ N/A	
SEC	CTION V: Location	
Stan	dard Application Form for RI-RES Certification (Version 6 – 1/21/08) Page 5	

5.1 Please check one of the following that apply to the Generation Unit:		
	 X 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) 	Formatted: Bullets and Numbering
5.2	Generation Unit address: <u>358 Emerson Mill Road, Hampden, ME 04444</u>	
5.3	Please provide the Generation Unit's geographic location information: A. Universal Transverse Mercator Coordinates: B. Longitude/Latitude: _68.8708W / _44.7656N	
5.4	The Generation Unit located: (please check the appropriate box) X 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.	Formatted: Bullets and Numbering
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? X Yes No N/A	

SECTION VI: Certification

6.1	Please attach documentation, using one of the applicable forms below, demonstration authority of the Authorized Representative indicated in Section 1.8 to certify and suthis 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 authorit Representative to execute the Renewable Energy Reso			
	(b) A certification from the Corporate Clerk or Secretary of Authorized Representative is authorized to execute the Eligibility Form or is otherwise authorized to legally b matters.	Renewab	le Energ	y Resources
	Evidence of Board Vote provided?	□ Yes	□ No	□ N/A
	Corporate Certification provided?	X Yes	□ No	□ 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 Elig	m the Ow Represen	ner or tative ha	S
	Appendix A completed and attached?	□ Yes	□ No	□ N/A
	Non-Corporate Entities			
	(Proprietorships, Partnerships, Cooperatives, etc.) If the Cindividual or a corporation, it shall complete and attach A resolution indicating that the Authorized Representative n authority to execute the Renewable Energy Resources Eligible 1998 bind the non-corporate entity in like matters.	PPENDIX amed in S	B or exection 1.	ecute a 8 has
	Appendix B completed and attached?	□ Yes		□ 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:

CI	GN	ATI	1D	E.

DATE:

10/29/08

(Title)

GIS	Certification	#:

APPENDIX A (Required When Owner or Operator is An Individual)

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISION

RENEWABLE ENERGY RESOURCES ELIGIBILITY FORM

	, as Owner or Operator of the Go	eneration Unit
	ned Renewable Energy Resources Eligibility Fo	
	reby certify that	
	ned Application, is authorized to execute this R	
Energy Resource Eligibility Form		
znergy resource zngressky z esser	•	
SIGNATURE:	DATE:	

(Title)		
		WARRIED TO THE TOTAL PROPERTY OF THE TOTAL P
County:		
(TO BE COMPLETED BY NOT	ARY) I,ssed the signature of the above named	as a
notary public, certify that I witnes and said individual verified his/he	ssed the signature of the above nameder identity to me on this date:	
SIGNATURE:		
My commission expires o	on: NOT	TARY SEAL:

GIS	Certification	#:
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APPENDIX B

(Required When Owner or Operator is a Non-Corporate Entity Other Than An Individual)

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISION

RENEWABLE ENERGY RESOURCES ELIGIBILITY FORM

RESOLUTION OF AUTHORIZATION	
Resolved: that	, named in
Section 1.8 of the Renewable Energy Resources l	Eligibility Form as Authorized Representative,
is authorized to execute the Application on the be	chalf of,
the Owner or Operator of the Generation Unit na	med in section 1.1 of the Application.
SIGNATURE:	DATE:
State: County:	
(TO BE COMPLETED BY NOTARY) I,	
and that said person stated that he/she is authorize verified his/her identity to me, on this date:	zed to execute this resolution, and the individual
SIGNATURE:	DATE:
My commission expires on	NOTARY SEAL:

GIS	Certification	#:
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APPENDIX C

(Required of all Applicants with Generation Units at the Site of Existing Renewable Energy Resources)

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISION

RENEWABLE ENERGY RESOURCES ELIGIBILITY FORM

(2) is	Generation Unit: (1) first entered into commercial operation before December 31, 1997; or located at the exact site of an Existing Renewable Energy Resource, please complete the wing and attach documentation, as necessary to support all responses:
C.1	Is the Generating Unit seeking certification, either in whole or in part, as a New Renewable Energy Resource?
C.2	If you answered "Yes" to question C.1, please complete the remainder of Appendix C. If you answered "No" and are seeking certification entirely as an Existing Renewable Energy Resource, you do NOT need to complete the remainder of Appendix C.
C.3	If an Existing Renewable Energy Resource is/was located at the site, has such Existing Renewable Energy Resource been retired and replaced with the new Generation Unit at the same site?
C.4	Is the Generation Unit a Repowered Generation Unit (as defined in Section 3.28 of the RES Regulations) which uses Eligible Renewable Energy Resources and which first entered commercial operation after December 31, 1997 at the site of an existing Generation Unit?
C.5	If you checked "Yes" to question C.4 above, please provide documentation to support that the entire output of the Repowered Generation Unit first entered commercial operation after December 31, 1997.
C.6	Is the Generation Unit a multi-fuel facility in which an Eligible Biomass Fuel is first cofired with fossil fuels after December 31, 1997? ☐ Yes ☐ No
C.7	If you checked "Yes" to question C.6 above, please provide documentation to support that the renewable energy fraction of the energy output first occurred after December 31, 1997.

C.8	Is the Generation Unit an Existing Renewable Energy Resource other than an Intermittent Resource (as defined in Section 3.9 and 3.14 of the RES Regulations)? \Box Yes \Box No	
C.9	If you checked "Yes" to question C.8 above, please attach evidence of completed capital investments after December 31, 1997 attributable to efficiency improvements or additions of capacity that are sufficient to, were intended to, and can be demonstrated to increase annual electricity output in excess of ten percent (10%). As specified in Section 3.22.v of the RES Regulations, the determination of incremental production shall not be based on any operational changes at such facility not directly associated with the efficiency improvements or additions of capacity.	
C.10	Is the Resour	Generating Unit an Existing Renewable Energy Resource that is an Intermittent ree?
C.11	If you checked "Yes" to question C.10 above, please attach evidence of completed capital investments after December 31, 1997 attributable to efficiency improvements or additions of capacity that are sufficient to, were intended to, and have demonstrated on a normalized basis to increase annual electricity output in excess of ten percent (10%). The determination of incremental production shall not be based on any operational changes at such facility not directly associated with the efficiency improvements or additions of capacity. In no event shall any production that would have existed during the Historical Generation Baseline period in the absence of the efficiency improvements or additions to capacity be considered incremental production. Please refer to Section 3.22.vi of the RES Regulations for further guidance.	
C.12	If you checked "Yes" to C.10, provide the single proposed percentage of production to be deemed incremental, attributable to the efficiency improvements or additions of capacity placed in service after December 31, 1997. Please provide backup information sufficient for the Commission to make a determination of this incremental production percentage.	
C.13	3 If you checked "no" to both C.3 and C.4 above, please complete the following:	
	a.	Was the Existing Renewable Energy Resource located at the exact site at any time during calendar years 1995 through 1997? $\hfill\Box$ Yes $\hfill\Box$ No
	b.	If you checked "yes" in Subsection (a) above, please provide the Generation Unit Asset Identification Number and the average annual electrical production (MWhs) for the three calendar years 1995 through 1997, or for the first 36 months after the Commercial Operation Date if that date is after December 31, 1994, for each such Generation Unit.
	c.	Please attach a copy of the derivation of the average provided in (b) above, along with documentation support (such as ISO reports) for the information provided in Subsection (b) above. Data must be consistent with quantities used for ISO Market Settlement System.

APPENDIX D (Revised 1/21/08)

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

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISION

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.
- 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:
 - (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
 - (c.1) 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;
- (d) 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);
- (e) Proposed operating procedures for the aggregation, by which the Aggregation Owner 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
- (f) 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; and
- (g) Confirmation and a description of how, no less frequently than quarterly, the Verifier will directly enter into the NEPOOL GIS the quantity of energy production in the applicable time period from each Generation Unit in the aggregation. The entry of generation data by the Verifier must be through an interface designated for this purpose by the NEPOOL GIS and in accordance with NEPOOL GIS Operating Rules applicable to Third-Party Meter Readers, and to which the Aggregation Owner shall not have access⁴.

D.3 Applicant must acknowledge that:

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.

At a minimum, these procedures will: i) require a determination by the Aggregation Owner that the Generation Unit is in compliance with these Renewable Energy Standard regulations and the Aggregation Agreement as approved by the Commission, and an independent determination by the Verifier that the Generation Unit exists; ii) require a meter reading procedure that allows the Verifier to read meters on the Generation Units; 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) require confirmation that Verifier will be entering the quantity of energy production in to the NEPOOL GIS system as described in paragraph (g) for NEPOOL GIS to create NEPOOL GIS Certificates; and OL GIS Certificates; and ; iv) include a procedure for the Verifier to report to the Commission on the results of their verification process.

⁴ Such generation data shall not include any generation data from previous time periods, except as provided for in this section. Output of less than one MWh by any single Generation Unit within the aggregation may be applied to the entire aggregation's generation, and generation of the aggregation less than one full MWh may be applied to the subsequent quarter in accordance with NEPOOL GIS Operating Rules.

	(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;
		☐ ← please check this box to acknowledge this requirement ☐ N/A or other (please explain)
	(b)	the Commission will be promptly notified of any changes to or deviations from the Aggregation Agreement; and
		☐ ← 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.
		☐ ← please check this box to acknowledge this requirement ☐ N/A or other (please explain)
D.4	Appl	icant must certify that:
	Gene Secti Gene repre	e Generation Unit (or aggregation of generation units) is a Customer-sited or Off-grid eration Resources, as provided in Rhode Island's Renewable Energy Standard law on 39-26-2.4 and Section 3.25 of the RES Regulations, respectively, the associated eration Attributes have not otherwise been, nor will be sold, retired, claimed or esented as part of electrical energy output or sales, or used to satisfy obligations in dictions other than Rhode Island.
		☐ ← please check this box to certify that this statement is true ☐ N/A or other (please explain)

APPENDIX E (Revised 1/21/08)

(Required of all Applicants Located in a Control Area Adjacent to NEPOOL)

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISION

RENEWABLE ENERGY RESOURCES ELIGIBILITY FORM

	•
Please	complete the following and attach documentation, as necessary to support all responses:
E.1	Please indicate in which Control Area adjacent to NEPOOL the Generation Unit is located:
	 □ New York □ Hydro Quebec □ Maritimes (including Northern Maine Independent System Administrator)
E.2	Applicant must provide to the Commission by July 1 st of each year assurances that the Generation Unit's New Renewable Energy Resources used for compliance with the Rhode Island's Renewable Energy Act during the previous Compliance Year 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. Such assurances may consist of a report from a neighboring Generation Attribute accounting system or an affidavit from the Generation Unit.
	 □ ← please check this box to acknowledge this requirement □ N/A or other (please explain)
E.3	Applicant must acknowledge and provide evidence to support that, in accordance with Section 5.1.(ii) of the RES Regulations, the Generation Attributes associated with the Generation Unit shall be applied to the Rhode Island Renewable Energy Standard only to the extent of the energy produced by the Generation Unit that is or will be actually delivered into NEPOOL for consumption by New England customers. Verification of the delivery of such energy from the Generation Unit into NEPOOL will be performed in accordance with subparagraphs (a), (b) and (c) of RES Regulations Section 5.1.(ii)
	□ ← please check this box to acknowledge this requirement.
	(a) Under subparagraph 5.1.(ii)(a), Applicant must verify that the energy produced by the Generation Unit is actually delivered into NEPOOL via "a unit-specific bilateral contract for the sale and delivery of such energy into NEPOOL".

ongoing evi- delivery into	check this box to acknowledge the requirement for Applicant to provide dence of one or more unit-specific bilateral contract(s) for all energy o NEPOOL for which Applicant seeks RI RES certification, prior to ertificates in each quarter, and:
i	. Please describe the type of evidence to be provided to the GIS Administrator to demonstrate the existence of such unit-specific bilateral contract(s) for the sale and delivery of such energy into NEPOOL, including duration, quantity and counter-party in NEPOOL:
□ N/A or other	(attach more detail if the space provided is not sufficient) (please explain):

GIS Certification #:

APPENDIX F

Eligible Biomass Fuel Source Plan (Required of all Applicants Proposing to Use An Eligible Biomass Fuel)

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISION Part of Application for Certificate of Eligibility RENEWABLE ENERGY RESOURCES ELIGIBILITY FORM

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

Note to Applicants: Please refer to the RES Certification Filing Methodology Guide posted on the Commission's web site (www.ripuc.org/utilityinfo/res.html) for information, templates and suggestions regarding the types and levels of detail appropriate for responses to specific application items requested below. Also, please see Section 6.9 of the RES Regulations for additional details on specific requirements.

The phrase "Eligible Biomass Fuel" (per RES Regulations Section 3.6) means fuel sources including brush, stumps, lumber ends and trimmings, wood pallets, bark, wood chips, shavings, slash, yard trimmings, site clearing waste, wood packaging, and other clean wood that is not mixed with other unsorted solid wastes⁵; agricultural waste, food and vegetative material; energy crops; landfill methane⁶ or biogas⁷, provided that such gas is collected and conveyed directly to the Generation Unit without use of facilities used as common carriers of natural gas; or neat biodiesel and other neat liquid fuels that are derived from such fuel sources.

In determining if an Eligible Biomass Generation Unit shall be certified, the Commission will consider if the fuel source plan can reasonably be expected to ensure that only Eligible Biomass Fuels will be used, and in the case of co-firing ensure that only that proportion of generation attributable to an Eligible Biomass Fuel be eligible. Certification will not be granted to those Generation Units with fuel source plans the Commission deems inadequate for these purposes.

This Appendix must be attached to the front of Applicant's Fuel Source Plan required for Generating Units proposing to use an Eligible Biomass Fuel (per Section 6.9 of RES Regulations).

⁵ Generation Units using wood sources other than those listed above may make application, as part of the required fuel source plan described in Section 6.9 of the RES Regulations, for the Commission to approve a particular wood source as "clean wood." The burden will be on the applicant to demonstrate that the wood source is at least as clean as those listed in the legislation. Wood sources containing resins, glues, laminates, paints, preservatives, or other treatments that would combust or off-gas, or mixed with any other material that would burn, melt, or create other residue aside from wood ash, will not be approved as clean wood.

⁶ Landfill gas, which is an Eligible Biomass Fuel, means only that gas recovered from inside a landfill and resulting from the natural decomposition of waste, and that would otherwise be vented or flared as part of the landfill's normal operation if not used as a fuel source.

⁷ Gas resulting from the anaerobic digestion of sewage or manure is considered to be a type of biogas, and therefore an Eligible Biomass Fuel that has been fully separated from the waste stream.

Detailed description attached? Comments:		□No	
If the proposed fuel is "other clean wood further substantiation to demonstrate why t as those clean wood sources listed in the leg	he fuel source should b	n should i se consider	include a red as cl
Further substantiation attached? Comments:		□ No	□ N /
In the case of co-firing with ineligible fidescription of (a) how such co-firing will o Biomass Fuel and ineligible fuel will be n generation output will be calculated. Succontent of all of the proposed fuels used.	ccur; (b) how the relative neasured; and (c) how	ve amounts the eligible	s of Elig e portion
Description attached? Comments:		□ No	□ N /A
The Fuel Source Plan must provide a de ensure that only the Eligible Biomass Fue standard operating protocols or procedures	el are used, examples on that will be implement	of which n	nay inch
Unit, contracts with fuel suppliers, testing of	r sampling regimes.		
Unit, contracts with fuel suppliers, testing of Description provided? Comments:	□ Yes	□ No	□ N /A
Unit, contracts with fuel suppliers, testing of Description provided?	acknowledgement that e either Eligible Biomanot deemed eligible wil	t the fuels ass Fuels or Il not be al	stored a

F.6	If the proposed fuel includes recycled wood waste, please submit documentation that such fuel meets the definition of Eligible Biomass Fuel and also meets material separation, storage, or handling standards acceptable to the Commission and furthermore consistent with the RES Regulations.
	Documentation attached? Yes No N/A
F.7	Please certify that you will file all reports and other information necessary to enable the Commission to verify the on-going eligibility of the renewable energy generators pursuant to Section 6.3 of the RES Regulations. — check this box to certify that the above statement is true — N/A or other (please explain)
F.8	Please attach a copy of the Generation Unit's Valid Air Permit or equivalent authorization.
	Valid Air Permit or equivalent attached? ☐ Yes ☐ No ☐ N/A Comments:
F.9	Effective date of Valid Air Permit or equivalent authorization:
F.10	State or jurisdiction issuing Valid Air Permit or equivalent authorization:

STATE OF MAINE PUBLIC UTILITIES COMMISSION

Docket No. 2008-395

October 17, 2008

PINE TREE LANDFILL
Request for Certification for RPS Eligibility

ORDER GRANTING NEW S RENEWABLE RESOURCE CERTIFICATION

REISHUS, Chairman; VAFIADES and CASHMAN, Commissioners

I. SUMMARY

The Pine Tree Landfill facility is certified as a Class I new renewable resource that is eligible to satisfy Maine's new renewable resource portfolio requirement pursuant to Chapter 311, § 3(B) of the Commission rules.

II. BACKGROUND

A. New Renewable Resource Portfolio Requirement

During its 2007 session, the Legislature enacted an Act To Stimulate Demand for Renewable Energy (Act). P.L. 2007, ch. 403 (codified at 35-A M.R.S.A. § 3210(3-A)). The Act added a mandate that specified percentages of electricity that supply Maine's consumers come from "new" renewable resources. Generally, new renewable resources are renewable facilities that have an in-service date, resumed operation or were refurbished after September 1, 2005. The percentage requirement starts at one percent in 2008 and increases in annual one percent increments to ten percent in 2017, unless the Commission suspends the requirement pursuant to the provisions of the Act.

As required by the Act, the Commission modified its portfolio requirement rule (Chapter 311) to implement the "new" renewable resource requirement. *Order Adopting Rule and Statement of Factual and Policy Basis*, Docket No. 2007-391 (Oct. 22, 2007). The implementing rules designated the "new" renewable resource

¹ Maine's electric restructuring law, which became effective in March 2000, contained a portfolio requirement that mandated that at least 30% of the electricity to supply retail customers in the State come from eligible resources, which are either renewable or efficient resources. 35-A M.R.S.A. § 3210(3). The Act did not modify this 30% requirement.

requirement as "Class I"² and incorporated the resource type, capacity limit and the vintage requirements as specified in the Act. The rules thus state that a new renewable resource used to satisfy the Class I portfolio requirement must be of the following types:

- fuel cells;
- tidal power;
- solar arrays and installations;
- wind power installations:
- geothermal installations;
- hydroelectric generators that meet all state and federal fish
- passage requirement; or
- biomass generators, including generators fueled by landfill gas.

In addition, except for wind power installations, the generating resource must not have a nameplate capacity that exceeds 100 MW. Finally, the resource must satisfy one of four vintage requirements. These are:

- 1) renewable capacity with an in-service date after September 1, 2005;
- 2) renewable capacity that has been added to an existing facility after September 1, 2005;
- 3) renewable capacity that has not operated for two years or was not recognized as a capacity resource by the ISO-NE or the NMISA and has resumed operation or has been recognized by the ISO-NE or NMISA after September 1, 2005; or
- 4) renewable capacity that has been refurbished after September 1, 2005 and is operating beyond its useful life or employing an alternate technology that significantly increases the efficiency of the generation process.

The implementing rules (Chapter 311, § 3(B)(4)) establish a certification process that requires generators to pre-certify facilities as a new renewable resource under the requirements of the rule and provides for a Commission determination of resource eligibility on a case-by-case basis.³ The rule contains the information that must be included in a petition for certification and specifies that the Commission shall provide an opportunity for public comment if a petitioner seeks certification under

² The "new" renewable resource requirement was designated as Class I because the requirement is similar to portfolio requirements in other New England states that are referred to as "Class I." Maine's pre-existing "eligible" resource portfolio requirement is designated as Class II.

³ In the *Order Adopting Rule* at 6, the Commission noted that a request for certification can be made at any time so that a ruling can be obtained before a capital investment is made in a generation facility.

vintage categories 2, 3 and 4. Finally, the rule specifies that the Commission may revoke a certification if there is a material change in circumstance that renders the generation facility ineligible as a new renewable resource.

B. Petition for Certification

On October 2, 2008, Pine Tree Landfill filed a petition to certify its landfill gas facility as a Class I renewable resource. The Pine Tree Landfill facility is a 3 MW landfill gas facility located in Hampden, Maine. The petition states that the Pine Tree Landfill facility came online January 29, 2008.

III. DECISION

The Commission has delegated to the Director of Technical Analysis the authority to certify generation facilities as Class I new renewable resources pursuant to Chapter 311, § 3(B) of the Commission rules. *Delegation Order*, Docket No. 2008-184 (April 23, 2008). Based on the information provided by Pine Tree Landfill, I conclude that the Pine Tree Landfill facility satisfies the resource type, capacity limit and vintage requirements of the rule. The Pine Tree Landfill facility is fueled solely by landfill gas, and it was constructed and began operations after September 1, 2005. Accordingly, the Pine Tree Landfill facility is hereby certified as a Class I new renewable resource that is eligible to satisfy Maine's new renewable resource portfolio requirement pursuant to Chapter 311, § 3 of the Commission rules. Pine Tree Landfill shall provide timely notice to the Commission of any material change in the operation of the facility from that described in the petition filed in this proceeding, including changes to the type of fuel used in the electricity generation process.

BY ORDER OF THE DIRECTOR OF TECHNICAL ANALYSIS

Tank Minhnyt
Faith Huntington



Deval L. Patrick Governor

Timothy P. Murray Lieutenant Governor

Ian A. Bowles
Secretary, Executive Office of Energy
and Environmental Affairs

Philip Giudice Commissioner

COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICE OF ENERGY AND ENVIRONMENTAL AFFAIRS DIVISION OF ENERGY RESOURCES

100 CAMBRIDGE ST., SUITE 1020 BOSTON, MA 02114

Internet: www.Mass.Gov/DOER Email: Energy@State.MA.US

TELEPHONE 617-727-4732

FACSIMILE 617-727-0030 617-727-0093

January 31, 2008

Brian Oliver Vice President New England Waste Services of ME, Inc. 358 Emerson Mill Road Hampden, ME 04444

RE: RPS Eligibility Decision

Pine Tree Landfill [LG-1087-08] 3.17 MW in Hampden, ME

Dear Mr. Oliver,

On behalf of the Division of Energy Resources (the Division), I am pleased to inform you that the Statement of Qualification Application for Pine Tree Landfill pursuant to the Massachusetts Renewable Energy Portfolio Standard (RPS) Regulations is hereby approved. The Division finds that the Generation Unit meets the requirements for eligibility as a New Renewable Generation Unit pursuant to 225 CMR 14.05.

Each Massachusetts New Renewable Generation Unit is assigned a unique Massachusetts RPS Identification Number (MA RPS ID#). The MA RPS ID # stated on the Statement of Qualification must be included in all correspondence with the Division. Pine Tree Landfill's MA RPS ID# is **LG-1087-08**.

The Division wishes to remind you of the notification requirements for changes in eligibility status contained in 225 CMR 14.06(3). The Owner or Operator of the Generation Unit shall submit notification of such changes to the Division no later than five days following the end of the month during which such changes were implemented. Also please inform the Division of any changes in capacity, contact information, and identity of the Owner or Operator.

The Division also wishes to remind you to be cognizant of the Operating Rules and the reporting requirements of the NEPOOL GIS (especially those pertaining to air emission reporting), 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 Division's address, or (617) 727-4732, ext. 40155, or howard.bernstein@state.ma.us.

Sincerely,

Robert Sydney General Counsel

Rolf Sydy

Encl: Statement of Qualification

COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICE OF ENERGY AND ENVIRONMENTAL AFFAIRS DIVISION OF ENERGY RESOURCES

Statement of Qualification

Pursuant to the Renewable Energy Portfolio Standard 225 CMR 14.00

This Statement of Qualification, provided by the Massachusetts Division of Energy Resources (the Division), signifies that the Generation Unit identified below meets the requirements for eligibility as a New Renewable Generation Unit, pursuant to the Renewable Energy Portfolio Standard 225 CMR 14.05, as of the approval date of the Application for Statement of Qualification, this 31st day of January 2008.

Generation Unit Name, Capacity, and Location:

Pine Tree Landfill 3.17 MW Hampden, ME

Authorized Representative's Name and Address:

Brian Oliver Vice President New England Waste Services of ME, Inc. 358 Emerson Mill Road Hampden, ME 04444

This New Renewable Generation Unit is assigned a unique Massachusetts RPS Identification Number, listed below. Please include MA RPS ID #s on all correspondence with DOER.

MA RPS ID #: <u>LG-1079-07</u>

The Unit's NEPOOL-GIS Identification Number is:

(pending)

The Owner, Operator, or authorized agent of the New Renewable Generation Unit is responsible for expeditiously informing the Division of the NEPOOL-GIS Identification Number upon its assignment by the NEPOOL-GIS Administrator.

Pursuant to 225 CMR 14.06, the Owner or Operator of the New Renewable Generation Unit is responsible for notifying DOER of any changes in the characteristics of the Generation Unit that could affect its eligibility status. The Owner or Operator of the Generation Unit is also responsible for notifying DOER of 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 of a New Renewable Generation Unit fails to comply with 225 CMR 14.00, including the provisions of this Statement of Qualification.

Philip Gjudice

Commissioner

Division of Energy Resources

STATE OF CONNECTICUT



DEPARTMENT OF PUBLIC UTILITY CONTROL TEN FRANKLIN SQUARE NEW BRITAIN, CT 06051

DOCKET NO. 08-01-15 APPLICATION OF NEW ENGLAND WASTE SERVICES
OF ME, INC. D/B/A PINE TREE LANDFILL FOR
QUALIFICATION OF PINE TREE LANDFILL AS A CLASS
I RENEWABLE ENERGY SOURCE

February 27, 2008

By the following Commissioners:

James T. Fleming John W. Betkoski, III Anne C. George

DECISION

I. INTRODUCTION

A. SUMMARY

In this Decision, the Department of Public Utility Control determines that the Pine Tree Landfill generating facility qualifies as a Class I renewable energy source as a methane gas from landfill facility and assigns it Connecticut Renewable Portfolio Standard (RPS) Registration Number CT00247-08.

B. BACKGROUND OF THE PROCEEDING

By application dated February 04, 2008, New England Waste Services of ME, Inc. d/b/a Pine Tree Landfill requested that the Department of Public Utility Control (Department) determine that the Pine Tree Landfill generation facility qualifies as a Class I renewable energy source.

Pine Tree Landfill is a methane gas from landfill facility located in Hampden, ME. Pine Tree Landfill began commercial operation on February 1, 2008 and has a nameplate capacity of 3.17 MW.

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 Department recognized New England Waste Services of ME, Inc. d/b/a Pine Tree Landfill, 358 Emerson Mill Road, Hampden, ME 04444 and the Office of Consumer Counsel, Ten Franklin Square, New Britain, Connecticut 06051, as participants in this proceeding.

II. DEPARTMENT ANALYSIS

Pursuant to Connecticut General Statutes (C.G.S.) §16-1(a)(26), as provided in the application, Pine Tree Landfill is a methane gas from landfill facility located in Hampden, ME. Pine Tree Landfill is currently owned by New England Waste Services of ME, Inc. d/b/a Pine Tree Landfill.

Based on the foregoing, the Department determines that Pine Tree Landfill qualifies as a Class I renewable energy facility.

FINDINGS OF FACT

- 1. Pine Tree Landfill is a methane gas from landfill facility located in Hampden, ME.
- 2. Pine Tree Landfill is currently owned by New England Waste Services of ME, Inc. d/b/a Pine Tree Landfill.
- 3. Pine Tree Landfill began operation on February 01, 2008.
- 4. Pine Tree Landfill has a nameplate capacity of 3.17 MW.
- 5. Pine Tree Landfill is registered with ISO-NE as a methane gas facility.

CONCLUSION

Based on the evidence submitted, the Department finds that Pine Tree Landfill qualifies as a Class I renewable generation source pursuant to C.G.S. §16-1(a)(26).

The Department assigns each renewable generation source a unique Connecticut RPS registration number. Pine Tree Landfill's Connecticut RPS registration number is CT00247-08.

The Department's determination in this docket is based on the information submitted by New England Waste Services of ME, Inc. d/b/a Pine Tree Landfill.

The Department may reverse its ruling or revoke the Applicant's registration if any material information provided by the Applicant proves to be false or misleading. The Department reminds New England Waste Services of ME, Inc. d/b/a Pine Tree Landfill that it is obligated to notify the Department within 10 days of any changes to any of the information it has provided to the Department.

DOCKET NO. 08-01-15 APPLICATION OF NEW ENGLAND WASTE SERVICES OF ME, INC. D/B/A PINE TREE LANDFILL FOR QUALIFICATION OF PINE TREE LANDFILL AS A CLASS I RENEWABLE ENERGY SOURCE

This Decision is adopted by the following Commissioners:

James T. Fleming

John W. Betkoski, III

Anne C. George

CERTIFICATE OF SERVICE

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

Louise E. Rickard

Acting Executive Secretary

Department of Public Utility Control

FEB 29 2008

Date

CERTIFICATE OF AUTHORITY (Corporations Only)

At a duly authorized meeting of the Board of Directors of New England Waste Services of ME, Inc., it was voted that Brian Oliver, Vice President, is authorized to execute the Rhode Island Renewable Energy Resources Eligibility Form, on behalf of this company, and affix its corporate seal hereto; and such execution of any application obligation in this company's name and on its behalf; said obligation to be valid and binding upon this company.

A True Copy Attested,

Company Name:

New England Waste Services of ME, Inc.

Address:

358 Emerson Mill Road

Hampden, ME 04444

Name & Title of Signatory:

John W. Casella, Vice President & Secretary

Date:

October 30, 2008

I hereby certified that I am the Secretary of New England Waste Services of ME, Inc.; that the above vote has not been amended or rescinded and remains in full force and effect as of the date of this contract.

Signature of Secretary: