

RIPUC Use Only

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

GIS Certification #:

RENEWABLE ENERGY RESOURCES ELIGIBILITY FORM

The Standard Application Form
Required of all Applicants for Certification of Eligibility of Renewable Energy Resource
(Version 3 – September 12, 2006)

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

NOTICE:

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

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

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

Attn: Renewable Energy Resources Eligibility

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

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

SECTION I: Identification Information

- 1.1 Name of Generation Unit (sufficient for full and unique identification):
Johnston Landfill Expansion, Phase II
- 1.2 Type of Certification being requested (check one):
 Standard Certification Prospective Certification (Declaratory Judgment)
- 1.3 This Application includes: (Check all that apply)¹
- APPENDIX A: Authorized Representative Certification for Individual Owner or Operator
- APPENDIX B: Authorized Representative Certification for Non-Corporate Entities Other Than Individuals**
- APPENDIX C: Existing Renewable Energy Resources
- 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: William P. Short III
Vice President Of Power Marketing
- 1.5 Primary Contact Person address and contact information:
Address: Ridgewood Power Management, LLC
947 Linwood Avenue
Ridgewood, New Jersey 07450
Phone: (201) 447-9000, x-2163 Fax: (201) 447-0474
Email: bshort@ridgewoodpower.com
- 1.6 Backup Contact Person name and title: John J. Bahrs III
Senior Vice President – Operations
- 1.7 Backup Contact Person address and contact information:
Address: Ridgewood Power Management, LLC
947 Linwood Avenue
Ridgewood, New Jersey 07450
Phone: (201) 447-9000, x-2143 Fax: (201) 447-0474
Email: jbahrs@ridgewoodpower.com

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

1.8 Name and Title of Authorized Representative (*i.e.*, the individual responsible for certifying the accuracy of all information contained in this form and associated appendices, and whose signature will appear on the application):

William P. Short III
Vice President of Power Marketing

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

1.9 Authorized Representative address and contact information:

Address: Ridgewood Power Management, LLC
947 Linwood Avenue
Ridgewood, New Jersey 07450
Phone: (201) 447-9000, x-2163 Fax: (201) 447-0474
Email: bshort@ridgewoodpower.com

1.10 Owner name and title: Ridgewood Rhode Island Generation, LLC

1.11 Owner address and contact information:

Address: c/o Ridgewood Power Management, LLC
947 Linwood Avenue
Ridgewood, New Jersey 07450
Phone: (201) 447-9000, x-2163 Fax: (201) 447-0474
Email: bshort@ridgewoodpower.com

1.12 Owner business organization type (check one):

Individual
 Partnership
 Corporation
 Other: a Delaware Limited Liability Company

1.13 Operator name and title: Ridgewood Power Management, LLC

1.14 Operator address and contact information:

Address: Ridgewood Power Management, LLC
947 Linwood Avenue
Ridgewood, New Jersey 07450
Phone: (201) 447-9000, x-2163 Fax: (201) 447-0474
Email: bshort@ridgewoodpower.com

1.15 Operator business organization type (check one):

Individual
 Partnership
 Corporation
 Other: a New Jersey Limited Liability Company

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

- 2.1 ISO-NE Generation Unit Asset Identification Number or NEPOOL GIS Identification Number (either or both as applicable): MSS-10959
- 2.2 Generation Unit Nameplate Capacity: 6.4 MW
- 2.3 Maximum Demonstrated Capacity: 6.0 MW
- 2.4 Please indicate which of the following Eligible Renewable Energy Resources are used by the Generation Unit: (Check ALL that apply) – *per RES Regulations Section 5.0*
- Direct solar radiation
 - The wind
 - Movement of or the latent heat of the ocean
 - The heat of the earth
 - Small hydro facilities
 - Biomass facilities using Eligible Biomass Fuels and maintaining compliance with all aspects of current air permits; Eligible Biomass Fuels may be co-fired with fossil fuels, provided that only the renewable energy fraction of production from multi-fuel facilities shall be considered eligible.
 - Biomass facilities using unlisted biomass fuel
 - Biomass facilities, multi-fueled or using fossil fuel co-firing
 - Fuel cells using a renewable resource referenced in this section
- 2.5 If the box checked in Section 2.4 above is “Small hydro facilities”, please certify that the facility’s aggregate capacity does not exceed 30 MW. – *per RES Regulations Section 3.31*
- ← 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: Landfill Gas
 - B. Please complete and attach Appendix F, Eligible Biomass Fuel Source Plan. Appendix F completed and attached? Yes No N/A

2.8 Has the Generation Unit been certified as a Renewable Energy Resource for eligibility in another state's renewable portfolio standard?

Yes No If yes, please attach a copy of that state's certifying order.

Copy of State's certifying order attached? Yes No N/A

SECTION III: Commercial Operation Date

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

3.1 Date Generation Unit first entered Commercial Operation: 07/31/2005 at the site.

3.2 Is there an Existing Renewable Energy Resource located at the site of Generation Unit?

Yes

No

3.3 If the date entered in response to question 3.1 is earlier than December 31, 1997 or if you checked "Yes" in response to question 3.2 above, please complete Appendix C.

Appendix C completed and attached? Yes No N/A

3.4 Was all or any part of the Generation Unit used on or before December 31, 1997 to generate electricity at any other site?

Yes

No

3.5 If you checked "Yes" to question 3.4 above, please specify the power production equipment used and the address where such power production equipment produced electricity (attach more detail if the space provided is not sufficient):

SECTION IV: Metering

4.1 Please indicate how the Generation Unit's electrical energy output is verified (check all that apply):

ISO-NE Market Settlement System

Self-reported to the NEPOOL GIS Administrator

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

Appendix D completed and attached? Yes No N/A

SECTION V: Location

5.1 Please check one of the following that apply to the Generation Unit:

Grid Connected Generation

- Off-Grid Generation (not connected to a utility transmission or distribution system)
- Customer Sited Generation (interconnected on the end-use customer side of the retail electricity meter in such a manner that it displaces all or part of the metered consumption of the end-use customer)

5.2 Generation Unit address:

117 Shun Pike
Johnston, Rhode Island 02919

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

- A. Universal Transverse Mercator Coordinates: 4630814.130 N/288859.027 E
- B. Longitude/Latitude: 41° 48’ 03.92” N / 71° 32’ 29.31” W

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

In the NEPOOL control area

- In a control area adjacent to the NEPOOL control area
- In a control area other than NEPOOL which is not adjacent to the NEPOOL control area ← *If you checked this box, then the generator does not qualify for the RI RES – therefore, please do not complete/submit this form.*

5.5 If you checked “In a control area adjacent to the NEPOOL control area” in Section 5.4 above, please complete Appendix E.

Appendix E completed and attached? Yes No N/A

SECTION VI: Certification

6.1 Please attach documentation, using one of the applicable forms below, demonstrating the authority of the Authorized Representative indicated in Section 1.8 to certify and submit this Application.

Corporations

If the Owner or Operator is a corporation, the Authorized Representative shall provide **either**:

- (a) Evidence of a board of directors vote granting authority to the Authorized Representative to execute the Renewable Energy Resources Eligibility Form, **or**
- (b) A certification from the Corporate Clerk or Secretary of the Corporation that the Authorized Representative is authorized to execute the Renewable Energy Resources Eligibility Form or is otherwise authorized to legally bind the corporation in like matters.

Evidence of Board Vote provided? __ Yes __ No __ N/A

Corporate Certification provided? __ Yes __ No __ N/A

Individuals

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

Appendix A completed and attached? __ Yes __ No __ N/A

Non-Corporate Entities

(Proprietorships, Partnerships, Cooperatives, etc.) If the Owner or Operator is not an individual or a corporation, it shall complete and attach APPENDIX B or execute a resolution indicating that the Authorized Representative named in Section 1.8 has authority to execute the Renewable Energy Resources Eligibility Form or to otherwise legally bind the non-corporate entity in like matters.

Appendix B completed and attached? **X** Yes __ No __ N/A

6.2 Authorized Representative Certification and Signature:

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

Signature of Authorized Representative:

SIGNATURE:

William P. Short III

DATE:

2/5/07

Vice President of Power Marketing

(Title)

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

STATE OF RHODE ISLAND
PUBLIC UTILITIES COMMISSION

RENEWABLE ENERGY RESOURCES ELIGIBILITY FORM

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

I, _____, as Owner or Operator of the Generation Unit named in Section 1.1 of the attached Renewable Energy Resources Eligibility Form, under the pains and penalties of perjury, hereby certify that _____, named in Section 1.8 of the attached Application, is authorized to execute this Renewable Energy Resource Eligibility Form.

SIGNATURE:

DATE:

(Title)

State: _____

County: _____

I, _____ as a notary public, certify that I witnessed the signature of the above named _____, and said individual verified his/her identity to me on this date: _____.

SIGNATURE:

My commission expires on: _____

NOTARY SEAL:

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

**STATE OF RHODE ISLAND
PUBLIC UTILITIES COMMISSION**

RENEWABLE ENERGY RESOURCES ELIGIBILITY FORM
Pursuant to the Renewable Energy Act
Section 39-26-1 et. seq. of the General Laws of Rhode Island

RESOLUTION OF AUTHORIZATION

Resolved: that William P. Short III, named in Section 1.8 of the Renewable Energy Resources Eligibility Form as Authorized Representative, is authorized to execute the Application on the behalf of Ridgewood Rhode Island Generation, LLC, the Owner or Operator of the Generation Unit named in section 1.1 of the Application.

SIGNATURE:



Daniel V. Gulino, Esq.

DATE:

2/5/07

State: NEW JERSEY
County: Bergen

I, Jeanne Thompson as a notary public, certify that I witnessed the signature of the above named Daniel V. Gulino, Esq., and that said person stated that he is authorized to execute this resolution, and the individual verified his identity to me, on this date:

February 5, 2007

SIGNATURE:



DATE:

2/5/2007

My commission expires on: _____

NOTARY SEAL:

JEANNE THOMPSON
A Notary Public of New Jersey
My Commission Expires May 3, 2007

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

**STATE OF RHODE ISLAND
PUBLIC UTILITIES COMMISSION**

RENEWABLE ENERGY RESOURCES ELIGIBILITY FORM

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

If the Generation Unit: (1) first entered into commercial operation before December 31, 1997; or (2) is located at the exact site of an Existing Renewable Energy Resource, please complete the following and attach documentation, as necessary to support all responses:

- C.1 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? Yes No
- C.2 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? Yes No
- C.3 If you checked "Yes" to question C.2 above, please provide documentation to support that the entire output of the Repowered Generation Unit first entered commercial operation after December 31, 1997.
- C.4 Is the Generation Unit a multi-fuel facility in which an Eligible Biomass Fuel is first co-fired with fossil fuels after December 31, 1997? Yes No
- C.5 If you checked "Yes" to question C.4 above, please provide documentation to support that the renewable energy fraction of the energy output first occurred after December 31, 1997.
- C.6 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)? Yes No
- C.7 If you checked "Yes" to question C.6 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.8 Is the Generating Unit an Existing Renewable Energy Resource that is an Intermittent Resource? Yes 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 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.10 If you checked “Yes” to C.8, 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.11 If you checked “no” to both C.1 and C.2 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? Yes 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
(Required of Applicants Seeking Eligibility for Customer-Sited and/or Off-Grid Generation Facilities and Associated Aggregations)**

**STATE OF RHODE ISLAND
PUBLIC UTILITIES COMMISSION**

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

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

D.1 Please identify the location(s) in Rhode Island of each Generation Unit that is interconnected on the End-use Customer’s side of the retail electricity meter in such a manner that it displaces all or part of the metered consumption of the End-use Customer, or not connected to a utility transmission or distribution system.

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

D.3 Applicant must acknowledge that:

- (a) any changes to or deviations from the Aggregation Agreement will be considered a change in generator status, and will require recertification by the Commission;

← please check this box to acknowledge this requirement
 N/A or other (please explain) _____

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

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

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

← 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 Applicant must certify that:

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

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

N/A or other (please explain) _____

APPENDIX E**(Required of all Applicants Located in a Control Area Adjacent to NEPOOL)****STATE OF RHODE ISLAND
PUBLIC UTILITIES COMMISSION****RENEWABLE ENERGY RESOURCES ELIGIBILITY FORM****Pursuant to the Renewable Energy Act
Section 39-26-1 et. seq. of the General Laws of Rhode Island**

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 1st 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 performed in accordance with subparagraphs (a), (b) and (c) of RES Regulations Section 5.1.(ii).

- ← please check this box to acknowledge this requirement
 N/A or other (please explain) _____
-

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

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION
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

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 wastes⁴; agricultural waste, food and vegetative material; energy crops; landfill methane⁵ or biogas⁶, 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 bio-diesel 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).

⁴ 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.

⁵ 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.

⁶ 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.

F.1 The attached Fuel Source Plan includes a detailed description of the type of Eligible Biomass Fuel to be used at the Generation Unit.

Detailed description attached? Yes No N/A
Comments: **Project will be fired completely with Landfill Gas produced at the Central Landfill, Johnston, Rhode Island. See Appendices F.1, F.4 and F.5**

F.2 If the proposed fuel is “other clean wood,” the Fuel Source Plan should include any further substantiation to demonstrate why the fuel source should be considered as clean as those clean wood sources listed in the legislation.

Further substantiation attached? Yes No N/A
Comments: _____

F.3 In the case of co-firing with ineligible fuels, the Fuel Source Plan must include a description of (a) how such co-firing will occur; (b) how the relative amounts of Eligible Biomass Fuel and ineligible fuel will be measured; and (c) how the eligible portion of generation output will be calculated. Such calculations shall be based on the energy content of all of the proposed fuels used.

Description attached? Yes No N/A
Comments: _____

F.4 The Fuel Source Plan must provide a description of what measures will be taken to ensure that only the Eligible Biomass Fuel are used, examples of which may include: standard operating protocols or procedures that will be implemented at the Generation Unit, contracts with fuel suppliers, testing or sampling regimes.

Description provided? Yes No N/A
Comments: **See Appendices F.1, F.4 and F.5**

F.5 Please include in the Fuel Source Plan an acknowledgement that the fuels stored at or brought to the Generation Unit will only be either Eligible Biomass Fuels or fossils used for co-firing and that Biomass Fuels not deemed eligible will not be allowed at the premises of the certified Generation Unit. And please check the following box to certify that this statement is true.

← check this box to certify that the above statement is true
 N/A or other (please explain) _____
See Appendices F.1, F.4 and F.5

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
Comments: _____

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:

1 2 / 0 8 / 0 6

F.10 State or jurisdiction issuing Valid Air Permit or equivalent authorization:

Rhode Island

APPENDIX 2.8



COMMONWEALTH OF MASSACHUSETTS
OFFICE OF CONSUMER AFFAIRS
AND BUSINESS REGULATION
DIVISION OF ENERGY RESOURCES

70 FRANKLIN ST., 7th FLOOR
BOSTON, MA 02110-1313
Internet: www.Mass.Gov/DOER
Email: Energy@State.MA.US

Mitt Romney
Governor

Kerry Healey
Lieutenant Governor

Beth Lindstrom
Director, Office of Consumer Affairs
and Business Regulation

David L. O'Connor
Commissioner

TELEPHONE
617-727-4732

FACSIMILE
617-727-0030
617-727-0093

January 30, 2004

Mr. Daniel V. Gulino
Senior Vice President & General Counsel
Ridgewood Power Management LLC
947 Linwood Avenue
Ridgewood, NJ 07450

**RE: RPS Eligibility Decision
Johnston Landfill & Johnston Landfill Expansion [LG-1020-02 Amended]**

Dear Mr. Gulino,

On behalf of the Division of Energy Resources (the Division), I am pleased to inform you that your Application to amend the Statement of Qualification for Johnston Landfill to include the Johnston Landfill Expansion, pursuant to the Massachusetts Renewable Energy Portfolio Standard (RPS) Regulations, 225 CMR 14.00, is hereby approved. The Division finds that the Generation Units meet the requirements for eligibility as New Renewable Generation Units pursuant to 225 CMR 14.05. Qualification of these Generation Units is, however, subject to the following provisions:

1. Johnston Landfill Expansion is located at a site of Vintage Generation, namely the site of Johnston Landfill. As such, both Generation Units share the Johnston Landfill's Historical Generation Rate, which is determined to be 86,901 MWh. The two Generation Units shall share the Historical Generation Rate in the manner and by the procedures prescribed in the attached Statement of Qualification – Amended, dated January 30, 2004.

Mr. Daniel V. Gulino
January 30, 2004
Page 2

2. The Owner or Operator of the two Generation Units shall provide to the Division electricity output information and any other reports prescribed in the attached Statement of Qualification – Amended.
3. DOER retains the right to revise at any time the procedure and requirements set forth in the attached Statement of Qualification – Amended.

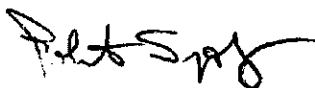
Each Massachusetts New Renewable Generation Unit is assigned a unique Massachusetts RPS Identification Number (MA RPS ID#), which must be included in all correspondence with the Division. Johnston Landfill and Johnston Landfill Expansion share a single MA RPS ID#: **LG-1020-02**.

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.

The Division also 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 Units' GIS certificates.

Finally, please note that the MA RPS qualification of Johnston Landfill Expansion will be effective at the NEPOOL GIS as of January 1, 2004.

Sincerely,



Robert Sydney
General Counsel

Encl.(1): Statement of Qualification

**COMMONWEALTH OF MASSACHUSETTS
OFFICE OF CONSUMER AFFAIRS AND BUSINESS REGULATION
DIVISION OF ENERGY RESOURCES**

Statement of Qualification – Amended

**Pursuant to the Renewable Energy Portfolio Standard
Regulations at 225 CMR 14.00**

This Amended Statement of Qualification, provided by the Massachusetts Division of Energy Resources (“DOER”), signifies that the Generation Units identified below meet the requirements for eligibility as New Renewable Generation Units, pursuant to the Renewable Energy Portfolio Standard 225 CMR 14.05, as of the approval date of the Application for Statement of Qualification, the 17th day of January, 2003, and as amended this 30th day of January, 2004.

Authorized Representative’s Name and
Address:

Mr. Daniel V. Gulino Senior Vice President & General Counsel Ridgewood Power Management LLC 947 Linwood Avenue Ridgewood, NJ 07450
--

Names of Generation Units:

Johnston Landfill & Johnston Landfill Expansion
--

Qualification of these Generation Units is subject to the following provisions:

1. Johnston Landfill (“Johnston”) is a Vintage Generation Unit, and Johnston Landfill Expansion (“Expansion”) is a Generation Unit located at the site of Vintage Generation. The Historical Generation Rate of Johnston and of the site of Vintage Generation (“Site”) that it shares with Expansion is determined to be 86,901 MWh. That Historical Generation Rate pertains to both Generation Units located at the Site, as well as to any additional Generation Units that may be located at the Site in the future, regardless of the status of Johnston.
2. For each of the first three quarters of each calendar year, Johnston shall be responsible for the Historical Generation Rate of the Site, subject to the provisions below. Only that quantity of electricity output at Johnston that exceeds the Historical Generation Rate, if any, may qualify as New Renewable Generation and, thereby, result in the creation of RPS-qualified certificates in the NEPOOL Generation Information System (“GIS”). All of the output of Expansion shall qualify as New Renewable Generation during this period and, thereby, result in the creation of RPS-qualified, GIS certificates, subject to the provisions below.
3. For the fourth quarter of each calendar year, Johnston shall remain responsible for the Historical Generation Rate of the Site, as described above. However, if Johnston’s total output for the year is less than the Historical Generation Rate, Expansion shall be responsible for the balance of the Historical Generation Rate, and the number of RPS-qualified, GIS certificates created for Expansion’s output shall be reduced accordingly.

4. DOER retains the right to revise at any time the procedure set forth in these provisions. DOER intends to make such a revision if and when the electricity output of Johnston presents a risk, as determined by DOER, that Johnston's cumulative annual output for a given calendar year is likely to be less than the Historical Generation Rate. Such revision may include, if necessary, making Expansion jointly responsible for the Historical Generation Rate earlier than the 4th Quarter of that year. Any such revision would be executed with the concurrence of the GIS Administrator, and in consultation with Ridgewood Power Management LLC ("Ridgewood") or any subsequent owner or operator, and such revision shall be binding on the Owners and Operators of both Generation Units.
5. Ridgewood shall send DOER a quarterly update of the electricity output of Johnston and Expansion within three weeks after the end of each calendar quarter. Such updates shall include (a) each month's output for each Generation Unit and the total for the two combined, (b) the quarterly total for each Unit and for the two combined, and (c) the year-to-date total for each Unit and for the two Units combined.
6. If the electricity output of Johnston in any month falls below 7,250 MWh, then Ridgewood shall send DOER a report within two weeks after the end of any such month, including an explanation of the shortfall, a prognosis of future output, and any plans to increase the output. In the event of such an occurrence, DOER may require subsequent monthly reports and other relevant information.

ISO-NE Generation Unit Asset Identification Numbers or NEPOOL-GIS Identification Numbers:

Johnston Landfill: 0451
Johnston Landfill Expansion: 10366

Each New Renewable Generation Unit is assigned a unique Massachusetts RPS Identification Number. In this case, both Units share the number originally assigned to Johnston. Please include the MA RPS ID # on all correspondence with the Division.

MA RPS ID #: LG-1020-02

Pursuant to 225 CMR 14.06, the Owner or Operator of the New Renewable Generation Unit is responsible for notifying the Division of any change in eligibility status, and the Division 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.



Robert Sydney
General Counsel
Division of Energy Resources

Date: January 30, 2004



STATE OF CONNECTICUT

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

DOCKET NO. 03-12-81 APPLICATION OF RIDGEWOOD RHODE ISLAND
GENERATION, LLC FOR QUALIFICATION OF
JOHNSTON LANDFILL EXPANSION AS A CLASS I
RENEWABLE ENERGY SOURCE

April 21, 2005

By the following Commissioners:

Anne C. George
Jack R. Goldberg
John W. Betkoski, III

DECISION

I. INTRODUCTION

A. SUMMARY

In this Decision, the Department of Public Utility Control determines that the Johnston Landfill Expansion 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 CT00071-03.

B. BACKGROUND OF THE PROCEEDING

By application dated December 23, 2003 (Application), Ridgewood Rhode Island Generation LLC (Ridgewood Rhode Island) requested that the Department of Public Utility Control (Department) determine that the Johnston Landfill Expansion generating facility qualifies as a Class I renewable energy source.

Johnston Landfill Expansion is a methane gas from landfill facility located in Johnston, Rhode Island. Johnston Landfill began commercial operation in February, 2004, and has a nameplate capacity of 8.4 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 Ridgewood Rhode Island Generation, LLC, c/o Ridgewood Power Management, LLC, 947 Linwood Avenue, Ridgewood, NJ 07450, and the Office of Consumer Counsel, Ten Franklin Square, New Britain, Connecticut 06051, as participants in this proceeding.

II. DEPARTMENT ANALYSIS

Pursuant to the General Statutes of Connecticut (Conn. Gen. Stat.) §16-1(a)(26), a Class I renewable energy source includes energy derived from methane gas from landfills.

As provided in the Application, Johnston Landfill Expansion is a methane gas from landfill facility located at 65 Shun Pike, Johnston, Rhode Island. Johnston Landfill is currently owned by Ridgewood Rhode Island Generation, LLC. Application, p. 1. According to ISO New England's (ISO-NE) Seasonal Claimed Capability Report dated 4/01/2005 (ISO Report), Johnston Landfill Expansion is a methane gas from landfill electric generating facility.

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

III. FINDINGS OF FACT

1. Johnston Landfill Expansion is a methane gas from landfill facility located in Johnston, Rhode Island.
2. Johnston Landfill Expansion is currently owned by Ridgewood Rhode Island Generation LLC.
3. Johnston Landfill Expansion began operation in February, 2004.
4. Johnston Landfill Expansion has a nameplate capacity of 8.4 megawatts.
5. Johnston Landfill Expansion is registered with ISO-NE as a methane gas from landfill electric generating facility.

IV. CONCLUSION

Based on the evidence submitted, the Department finds that Johnston Landfill Expansion qualifies as a Class I renewable generation source pursuant to Conn. Gen. Stat. § 16-1(a)(26).

The Department assigns each renewable generation source a unique Connecticut Renewable Portfolio Standard (RPS) registration number. Johnston Landfill Expansion's Connecticut RPS registration number is CT00071-03.

The Department's determination in this docket is based on the information submitted by Ridgewood Rhode Island Generation LLC. 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 Ridgewood Rhode Island Generation LLC 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. 03-12-81 APPLICATION OF RIDGEWOOD RHODE ISLAND
GENERATION, LLC FOR QUALIFICATION OF
JOHNSTON LANDFILL EXPANSION AS A CLASS I
RENEWABLE ENERGY SOURCE**

This Decision is adopted by the following Commissioners:

Anne C. George

Jack R. Goldberg

John W. Betkoski, III

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

Louise E. Rickard
Acting Executive Secretary
Department of Public Utility Control

April 26, 2005

Date

APPENDICES F.1, F.4 & F.5

Fuel Source Plan For Eligible Biomass

The Johnston Landfill Expansion Phase 1 facility ("Facility") is located on the premises of the Rhode Island Resource Recovery Corporation Central Landfill in Johnston, RI. Landfill gas is generated at the site through the natural decomposition and anaerobic digestion of municipal waste. The landfill gas, which consists of mostly methane and carbon dioxide, is gathered via a complex system of horizontal collectors, wells and headers. The landfill gas is extracted from the collection system at the facility location via vacuum blowers where it is fed to the inlet of four internal combustion engine/generator sets and converted to electrical energy.

The landfill gas collection system is an integral part of the landfill process and contains no interconnections that would enable any commingling of fuels. In addition, there are no systems, connections or otherwise external to the landfill gas collection system that would enable the Facility to co-fire with any other ineligible fuels. The Facility is fueled with only landfill gas, an eligible biomass fuel.

APPENDIX F.8

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR RESOURCES

MAJOR SOURCE PERMIT

RIDGEWOOD RHODE ISLAND GENERATION LLC

RI-PSD-7

Pursuant to the provisions of Air Pollution Control Regulation No. 9, this major source permit is issued to:

Ridgewood Power Management LLC

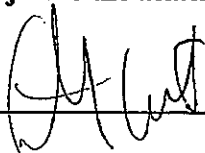
For the following:

Revisions to conditions B.3, B.4, C.4, D.1 and D.2 and adding new conditions E.2 and E.8 to

address periodic monitoring of the engine-generator sets.

Located at: *65 Shun Pike, Johnston*

This permit shall be effective from the date of its issuance and shall remain in effect until revoked by or surrendered to the Department. This permit does not relieve *Ridgewood Rhode Island Generation LLC* from compliance with applicable state and federal air pollution control rules and regulations. The design, construction and operation of this equipment shall be subject to the attached permit conditions and emission limitations.



Stephen Majkut, Chief
Office of Air Resources



Date of issuance

**STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR RESOURCES**

Permit Conditions and Emission Limitations

RIDGEWOOD RHODE ISLAND GENERATION LLC

**RI-PSD-7
(December 2006)**

A. Emission Limitations

1. Nitrogen oxides (as nitrogen dioxide (NO₂))

The emission rate of nitrogen oxides from each engine/generator set exhaust shall not exceed 0.5 gram per brake horsepower hour (g/bhp-hr) or a maximum of 2.46 lbs per hour, whichever is more stringent.

2. Carbon Monoxide (CO)

The emission rate of carbon monoxide from each engine/generator set exhaust shall not exceed 2.75 g/bhp-hr or a maximum of 13.51 lbs per hour, whichever is more stringent.

3. Total nonmethane hydrocarbons (NMHC)

The emission rate of total nonmethane hydrocarbons from each engine/generator set exhaust shall not exceed 20 ppmvd @ 3% O₂ or a maximum of 0.76 lb per hour, whichever is more stringent.

4. Particulate Matter less than 10 microns (PM₁₀)

The emission rate of carbon monoxide from each engine/generator set exhaust shall not exceed 0.1 g/bhp-hr or a maximum of 0.49 lbs per hour, whichever is more stringent.

5. Visible emissions from each engine/generator set exhaust shall not exceed 10% opacity except for a period or periods aggregating no more than three minutes in any one hour.

B. Operating Requirements

1. Only landfill gas shall be used as an engine fuel.
2. The landfill gas shall be filtered, dewatered, and compressed prior to use in the engines in accordance with the provisions of 40 CFR 60.752(b)(2)(iii)(C).
3. The owner/operator shall operate each engine to maintain the actual charge density of the air/fuel mixture to match the desired charge density of the air/fuel mixture. On an annual basis, the owner/operator shall demonstrate compliance with this condition by generating a graph of actual charge density vs. desired charge density during the performance test required by Condition D.1.
4. The setpoints for emissions factor and specific heat ratio in the Caterpillar Air-Fuel ratio control system shall be those determined during the most recent performance test.

C. Monitoring

1. Total landfill gas flow to the engines shall be continuously measured and recorded.
2. Gross electrical power generation (kw-hrs) shall be continuously measured and recorded for each engine individually and for the four engines combined.
3. Each engine/generator set shall be equipped with a non-resettable elapsed time meter to indicate, in cumulative hours, the elapsed engine operating time.
4. The owner/operator shall continuously monitor the actual charge density of the air/fuel mixture. Upon request, the owner/operator shall make available to the Office of Air Resources or its representative, a graph of actual charge density vs. desired charge density.
5. The owner/operator shall conduct quarterly analyses of the landfill gas being used as an engine fuel. At a minimum, the landfill gas should be analyzed for the following compounds: acetone, acrylonitrile, benzene, bromodichloromethane, carbon disulfide, carbon tetrachloride, carbonyl sulfide, chlorobenzene, chlorodifluoromethane, chloroform, cyclohexane, cyclohexane, 1,4 dichlorobenzene, cis-1,2 dichloroethene, trans-1,2 dichloroethene, ethyl benzene, ethyl chloride, ethylene dibromide, ethylene dichloride, ethylidene dichloride, hexane, hydrogen sulfide, isopropanol, mercury, methyl chloride, methyl chloroform, methyl ethyl ketone, methyl isobutyl ketone, methylene chloride, propylene dichloride, styrene, 1,1,2,2 tetrachloroethane, tetrachloroethylene, toluene, total chlorides, trichloroethylene, trichlorofluoromethane, vinyl chloride, vinylidene chloride and

xylenes. The owner/operator shall keep records of these analyses and provide such records to the Office of Air Resources upon request.

D. Stack Testing

1. Within 180 days of start-up, initial performance testing shall be conducted on the engine/generator sets. Performance testing shall be conducted for nitrogen oxides, carbon monoxide and total non-methane hydrocarbons. Start-up shall mean when an engine/generator set goes on-line to produce power for sale.

Within 30 days of this revised permit, performance testing shall be repeated. Thereafter, performance testing shall be conducted annually to determine compliance with the nitrogen oxide emission limitation.

2. The owner/operator shall generate a graph that tracks actual charge density, desired charge density, engine load and nitrogen oxides emissions through one complete cycle of 100 percent load to 0 percent load to 100 percent load during each performance test. The owner/operator shall record emissions factor, specific heat ratio, and the flash file (combustion control software) serial number during each performance test.
3. A stack testing protocol shall be submitted to the Office of Air Resources for review and approval prior to the performance of any stack tests. The owner/operator shall provide the Office of Air Resources at least 60 days prior notice of any performance test.
4. All test procedures used for stack testing shall be approved by the Office of Air Resources prior to the performance of any stack tests.
5. The owner/operator shall install any and all test ports or platforms necessary to conduct the required stack testing, provide safe access to any platforms and provide the necessary utilities for sampling and testing equipment.
6. All testing shall be conducted under operating conditions deemed acceptable and representative for the purpose of assessing compliance with the applicable emission limitation.
7. A final report of the results of stack testing shall be submitted to the Office of Air Resources no later than 60 days following completion of the testing.
8. All stack testing must be observed by the Office of Air Resources or its authorized representatives to be considered acceptable.

E. Recordkeeping and Reporting

1. The owner/operator shall maintain the following records on a monthly basis:
 - a. The hours of operation of each engine/generator set, including any start-up, shutdown or malfunction in the operations of the facility.
 - b. The total landfill gas flow to each engine.
 - c. Gross electrical power generation in kw-hr for each engine and for the two engines combined.
2. "The owner/operator shall maintain records of the setpoints for emissions factor and specific heat ratio in the Caterpillar Air-Fuel ratio control system determined during the most recent performance test and the current flash file serial number."
3. The owner/operator shall notify the Office of Air Resources, in writing, within 15 days, if the quarterly analyses of the landfill gas being used as an engine fuel show that the concentration of any compound exceeds the reportable concentrations in Table 1.
4. The owner/operator shall notify the Office of Air Resources, in writing, of the date of actual start-up of the engine/generator sets no later than fifteen days after such date.
5. The owner/operator shall notify the Office of Air Resources in writing of any planned physical or operational change to any equipment that would:
 - a. Change the representation of the facility in the application.
 - b. Alter the applicability of any state or federal air pollution rules or regulations.
 - c. Result in the violation of any terms or conditions of this permit.
 - d. Qualify as a modification under APC Regulation No. 9.

Such notification shall include:

- Information describing the nature of the change.
- Information describing the effect of the change on the emission of any air contaminant.

- The scheduled completion date of the planned change.

Any such change shall be consistent with the appropriate regulation and have the prior approval of the Director.

6. The owner/operator shall notify the Office of Air Resources of any anticipated noncompliance with the terms of this permit or any other applicable air pollution control rules and regulations.
7. The owner/operator shall notify the Office of Air Resources, in writing, of any noncompliance with the terms of this permit within 30 calendar days of becoming aware of such occurrence and supply the Director with the following information:
 - a. The name and location of the facility;
 - b. The subject source(s) that caused the noncompliance with the permit term;
 - c. The time and date of first observation of the incident of noncompliance;
 - d. The cause and expected duration of the incident of noncompliance;
 - e. The estimated rate of emissions (expressed in lbs/hr or lbs/day) during the incident and the operating data and calculations used in estimating the emission rate.
 - f. The proposed corrective actions and schedule to correct the conditions causing the incidence of noncompliance.
8. "The owner/operator shall notify the Office of Air Resources in writing of any planned changes to the combustion control software.

Such notification shall include:

- Information describing the nature of the change.
- Information describing the effect of the change on the combustion control system.
- The scheduled completion date of the planned change.

If such change effects the combustion controls, performance testing shall be conducted within 60 days of the change to determine compliance with the nitrogen oxide emission limitation.

9. All records required as a condition of this approval must be made available to the Office of Air Resources or its representative upon request. These records must be maintained for a minimum of five years after the date of each record.

F. Other Permit Conditions

1. To the extent consistent with the requirements of this permit and applicable federal and state laws, the facility shall be designed, constructed and operated in accordance with the representation of the facility in the permit application dated November 2003, prepared by GZA GeoEnvironmental, Inc.
2. Employees of the Office of Air Resources and its authorized representatives shall be allowed to enter the facility at all times for the purpose of inspecting any air pollution source, investigating any condition it believes may be causing air pollution or examining any records required to be maintained by the Office of Air Resources.
3. Operation of this equipment shall not result in the release of raw landfill gas to the atmosphere.
4. The owner/operator shall install and maintain an automatic fail-safe block valve on each engine. The fail-safe block valve must stop the flow of landfill gas in the event of an engine failure.
5. Excess landfill gas, not used as a fuel in an engine, must be flared.
6. At all times, including periods of startup, shutdown and malfunction, the owner/operator shall, to the extent practicable, maintain and operate the facility in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Office of Air Resources which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures and inspection of the source.
7. The owner/operator shall not initiate start-up of the facility until a minimum of 52 tons of NO_x emission offsets has been purchased. The NO_x emission offsets shall be those generated by the Medical Area Total Energy Plant in Boston, MA. Offsets purchased from any other source must have the prior approval of the Office of Air Resources.

G. Startup/Shutdown Conditions and Initial Commissioning

1. Engine startup/shutdown shall be defined as that transient period of time required

for the engine temperature parameters to stabilize for steady-state operation. This period shall not exceed 60 minutes.

2. Initial engine commissioning shall be defined as the first 200 hours of combustion engine operation following initial startup or to commercial acceptance, whichever is less.
3. The emission limitations of Conditions A.1, A.2, A.3, A.4 and A.5 shall not apply during engine startup/shutdown conditions or each engine's initial commissioning.
4. The owner/operator shall submit to the Office of Air Resources for review and approval, at least 30 days prior to startup, the procedures to be followed during engine startup/shutdown conditions and initial engine commissioning. The procedures shall be designed to minimize the emission of air contaminants to the maximum extent practical.

Table 1
Reportable Concentrations

Pollutant	CAS Number	Reportable Concentration (ppm)
Acetone	67641	757,500
Benzene	71432	30
Carbon Disulfide	75150	57,794
Carbonyl Sulfide	463581	2435
Chlorobenzene	108907	160,000
Cyclohexane	110827	234,000
1,4 Dichlorobenzene	106467	16
cis-1,2 Dichloroethene	156592	22,673
Ethyl benzene	100414	30,950
Ethyl chloride	75003	447,058
Ethylidene dichloride	75343	132
Hexane	110543	50,000
Hydrogen sulfide	7783064	823
Isopropanol	67630	36,574
Mercury	7439976	0.13
Methyl ethyl ketone	78933	99,375
Methyl isobutyl ketone	108101	98,275
Methylene chloride	75092	430
Styrene	100425	24,750
Tetrachloroethylene	127184	28
Toluene	108883	14,272
Trichloroethylene	79016	105
Trichlorofluoromethane	75694	23,809
Vinyl Chloride	75014	72
Xylenes	1330207	21,455
Total Chloride		792