

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 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 RES@puc.state.ri.us

SECTION I: Identification Information

1.1 Name of Generation Unit (sufficient for full and unique identification):

Kane's Cow Power, LLC

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:

Nancy Kane, Manager

1.5 Primary Contact Person address and contact information:

Address: 5893 VT Rt 105

Enosburg, VT 05450

Phone: (802) 933-5526

Fax: (802) 933-2682

Email: kane.sfarm@gmail.com

1.6 Backup Contact Person name and title:

Ashley LaBelle, Member

1.7 Backup Contact Person address and contact information:

Address: 5376 VT Rt 105

Enosburg, VT 05450

Phone: (802) 393-7089

Fax: _____

Email: Kane.ashley610@gmail.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):

Nancy Kane, Manager

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

1.9 Authorized Representative address and contact information:

Address: 5893 VT Rt 105
Swosburg, VT 05450

Phone: 802-933-5526 Fax: 802-933-2682

Email: kaneerfarm@gmail.com

1.10 Owner name and title: Kane's Cow Power, LLC

1.11 Owner address and contact information:

Address: 5893 VT RT 105
Swosburg VT 05450

Phone: 802-933-5526 Fax: 802-933-2682

Email: kaneerfarm@gmail.com

1.12 Owner business organization type (check one):

- Individual
 Partnership
 Corporation
 Other: Limited Liability Company

1.13 Operator name and title: Kane's Cow Power, LLC

1.14 Operator address and contact information:

Address: 5893 VT RT 105
Swosburg VT 05450

Phone: 802-933-5526 Fax: 802-933-2682

Email: kaneerfarm@gmail.com

1.15 Operator business organization type (check one):

- Individual
 Partnership
 Corporation
 Other: 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): _____

2.2 Generation Unit Nameplate Capacity: 225 kW MW

2.3 Maximum Demonstrated Capacity: 200 kW 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: Cow manure

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: 11/02/11 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: 5893 VT Rt 105
Enosburg, VT 05450

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

A. Universal Transverse Mercator Coordinates: _____

B. Longitude/Latitude: 44° 54' 35.01" N / 72° 55' 19.42" 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?

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:

Nancy St Kane
member

(Title)

DATE:

11-20-2013

CERTIFICATE OF LIMITED LIABILITY COMPANY RESOLUTION

We, the undersigned, being the sole members of Kane's Cow Power, LLC, hereby ratify and affirm that Nancy Kane is hereby authorized to execute the State of Rhode Island Renewable Energy Resources Eligibility Form, and that such authority was granted by unanimous vote of all of the members of the Limited Liability Company pursuant to a duly warned meeting held at the offices of the Limited Liability Company on November 4, 2013.

DATED at Sheldon, Vermont this 4 day of November, 2013.

Nancy Kane
member Secretary/Member

Thomas Kane 11-4-13
Thomas Kane

Nancy S. Kane 11-4-13
Nancy Kane

Arion Kane 11-4-13
Arion Kane

Ashley Labelle 11-4-13
Ashley Labelle

Kane's Cow Power LLC owns and operates a 225 kw agricultural methane electrical generating facility. The digester converts raw manure into methane gas. This methane will be used to fuel a 225 kw- electrical generator. The manure comes from the Kane farm which owns 900 head of dairy cows. The Cow Power LLC and the Kane farm have an agreement that all manure produced goes to the digester. The cows produce approximately 22,000 gallons of manure per day.

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 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 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).

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.

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).

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: _____

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: *The generator set is a Guasco Model SF6LD 180 biogas-fired generator set fueled only by methane gas produced by cow manure.*

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 fossil fuels 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) _____

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. Specifically, RES Regulations Section 6.3(i) states that Renewable Energy Resources of the type that combust fuel to generate electricity must file quarterly reports due 60 days after the end of each quarter on the fuel stream used during the quarter. Instructions and filing documents for the quarterly reports can be found on the Commissions website or can be furnished upon request.

← 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:

10/20/10

F.10 State or jurisdiction issuing Valid Air Permit or equivalent authorization:
Vermont Agency of Natural Resources



State of Vermont
Department of Environmental Conservation

Agency of Natural Resources

Air Pollution Control Division
103 South Main Street, 3 South
Waterbury, VT 05671-0402

Tel: 802-241-3851
Fax: 802-241-2590

October 20, 2010

Nancy Kane
Kane's Cow Power, LLC
Kane's Scenic River Farms
5893 VT Route 105
Enosburg Falls, VT 05450

Subject: Biogas-to-Energy Project – Air Permit not Required

Ms. Kane:

The Vermont Agency of Natural Resources, Air Pollution Control Division ("Agency") received a letter from Kane's Cow Power, LLC located on VT Route 105 in the town of Enosburg Falls, Vermont. The letter requests approval for the installation and operation of a 250 kilowatt biogas-fired generator set at Kane's Scenic River Farms. The Agency requested documentation to ensure adequate stack height, presence of a back-up flare and clean combustion technology. On October 20, 2010 the requested documentation was received from Kane's Cow Power, LLC. The Agency has determined that the proposed engine, back-up flare and exhaust stack configuration meet the Agency's requirements and consequently, an Air Pollution Control Permit is not required for the Facility at this time. This determination is based on the information submitted and provided the following conditions are met:

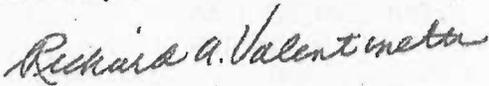
- (1) Kane's Cow Power, LLC shall only install and operate a Guasco Model SFGLD 180 biogas-fired generator set rated at 250 kilowatts. Kane's Cow Power, LLC shall not install an alternative engine without prior written approval from the Agency. The engine shall be maintained in good working order at all times and operated and maintained in accordance with the manufacturer's operation and maintenance recommendations.
- (2) Kane's Cow Power, LLC shall design and operate the biogas-to-energy Facility in such a manner that any biogas which is not combusted in the engine is routed to a flare that is designed and operated in accordance with 40 CFR Part 60, Subpart A, §60.18. The flare shall also be equipped with a properly sized windscreen to prevent blowout of the flame. All elements of the flare system shall be maintained in good working order at all times and operated and maintained in accordance with the manufacturer's operation and maintenance recommendations.



- (3) The flare shall be equipped and operated with an automatic ignition system, such as a spark ignition system or a continuous pilot light, to ensure immediate and continuous combustion of any biogas that is routed to it. Spark igniters may be powered by the grid or an acceptable alternative power source.
- (4) Kane's Cow Power, LLC shall register its air emissions with the Agency annually in accordance with Subchapter VIII of the *Vermont Air Pollution Control Regulations*. Annual registration is required for all facilities that emit more than five (5) tons of emissions annually. Your facility is estimated to exceed five (5) tons if the engine is operated for more than 2,300 hours per year.

Should Kane's Cow Power, LLC alter the proposed biogas-to-energy project in any way from that presented to the Agency, such as by combusting an alternate fuel, altering the proposed engine or flare, or increasing the system capacity, Kane's Cow Power, LLC shall notify the Agency prior to making such changes so that a new determination for the need for an Air Permit can be made. If you have any questions, feel free to contact me at any time.

Sincerely,



Richard Valentinetti, Director
Air Pollution Control Division
(Dick.Valentinetti@state.vt.us)

Enclosure

cc: Mike Raker, Agricultural Energy Consultants, 781 Holt Road Plainfield, VT 05667

RAV/JH:jh
A1: Enosburg Falls

RECEIVED
OCT 26 2010
DEPPMAN & FOLEY, PC

Registration # CT00482-11



STATE OF CONNECTICUT

**DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
PUBLIC UTILITIES REGULATORY AUTHORITY
TEN FRANKLIN SQUARE
NEW BRITAIN, CT 06051**

**DOCKET NO. 11-11-12 APPLICATION OF KANE'S COW POWER, LLC FOR
QUALIFICATION AS A CLASS I RENEWABLE ENERGY
SOURCE**

January 4, 2012

By the following Directors:

Kevin M. DelGobbo
John W. Betkoski, III
Anna M. Ficeto

DECISION

DECISION

I. INTRODUCTION

A. SUMMARY

In this Decision, the Public Utilities Regulatory Authority, formerly known as the Department of Public Utility Control, hereinafter referred to as the Authority or PURA, determines that the Kane's Cow Power, LLC facility qualifies as a Class I renewable energy source as a methane gas from landfill facility beginning November 2, 2011, and assigns it Connecticut Renewable Portfolio Standard Registration Number CT00482-11.

B. BACKGROUND OF THE PROCEEDING

By application submitted December 1, 2011 (Application), Kane's Cow Power, LLC (KCP or Applicant) requested that the Authority determine that the Kane's Cow Power, LLC facility (Kane's Cow) qualifies as a Class I renewable energy source as an agricultural methane facility.

C. CONDUCT OF THE PROCEEDING

There is no statutory requirement for a hearing, no person requested a hearing, and none was held.

D. PARTICIPANTS

The Authority recognized Kane's Cow Power, LLC, 5893 Rt. 105, Enosburg Falls, VT 05450; and the Office of Consumer Counsel, Ten Franklin Square, New Britain, Connecticut 06051, as participants to this proceeding.

II. AUTHORITY ANALYSIS

Pursuant to Section 16-1(a) (26) of the General Statutes of Connecticut (Conn. Gen. Stat.), a "Class I renewable energy source" includes energy derived from methane gas from landfills. Kane's Cow is a grid-connected facility located at 5893 Rt. 105, Enosburg Falls, VT. Kane's Cow generates electricity by using methane gas produced by farm animals. Application, Sections 1, 2 and 8. The Kane's Cow facility utilizes an anaerobic digester to capture methane released from the decomposition of organic waste material produced by farm animals. Email 12/23/11. Kane's Cow began commercial operation on November 2, 2011 and has a generating capacity of 225 kW. Application, p. 2.

By Decision dated April 2, 2008 in Docket No. 07-06-22, Petition of Cushman Farms for a Declaratory Ruling For Qualification as a Class I Renewable Energy Source, the Authority held that a dairy farm that makes use of manure and organic waste to produce methane gas utilizes the same process to produce energy using methane gas as is utilized by a landfill. Since the Kane's Cow agricultural methane facility similarly uses methane gas produced from farm animals to generate electricity,

the Authority finds that Kane's Cow qualifies as a Class I renewable energy source for energy derived from landfill methane gas.

In the Decision dated October 12, 2004 in Docket No. 04-05-13, Application of Pratt & Whitney for Connecticut Renewable Generator Qualification – Cape Cod Community College Fuel Cell (Cape Cod Decision), the Authority noted that since behind-the-meter and off-grid generators self-report their data to the New England Power Pool (NEPOOL) Generation Information System (GIS), the Authority had concerns about the ability to verify the accuracy of the data. Because of these concerns, the Authority indicated that while it may periodically audit in-state resources, it was not feasible for the Authority to audit resources located outside of Connecticut. Therefore, the Authority required that for an out-of-state generator to qualify for Connecticut's Renewable Portfolio Standard (RPS) program, the generator must submit documentation or evidence showing either that it meets the metering and telemetering requirements for grid-connected generators or that a third party with "competent jurisdiction" is verifying the data and auditing the facility. Cape Cod Decision, p. 8.

The Authority also established the standards for behind-the-meter and off-grid generators for qualification in Connecticut's RPS program. The Authority recognized the value of these resources and made eligible those out-of-state generators that can provide documentation that their generation output is "audited and verified quarterly by an entity with competent jurisdiction." Whether the entity can verify and audit the data and provide the same assurances as other entities with competent jurisdiction will be determined by the Authority on a case-by-case basis. Cape Cod Decision, p. 9 and footnote 7.

KCP proposes to use Vermont Electric Power Producers, Inc. (VEPP) as its third party output verifier. By Decision dated April 6, 2011 in Docket No. 10-12-09, Application of Gerald Tarrant for Qualification of Dubois Methane Generator Facility as a Class I Renewable Energy Source, the Authority accepted VEPP as a third party verifier. The Authority therefore concludes that the independence of VEPP Inc. provides assurance that the generation that will be afforded RECs is actually produced by Kane's Cow. Based on the foregoing, Kane's Cow qualifies as a Class I renewable energy source pursuant to Conn. Gen. Stat. §16-1(a)(26) as of November 2, 2011.

III. FINDINGS OF FACT

1. The Kane's Cow facility utilizes methane gas produced from farm animals to generate electricity.
2. Kane's Cow is located in Enosburg Falls, VT.
3. Kane's Cow is currently owned by Kane's Cow Power, LLC.
4. Kane's Cow began commercial operation on November 2, 2011.
5. Kane's Cow has a rated capacity of 225 kilowatts.

IV. CONCLUSION AND ORDER**A. CONCLUSION**

Kane's Cow qualifies as a Class I renewable energy source pursuant to Conn. Gen. Stat. § 16-1(a)(26) beginning November 2, 2011. Kane's Cow's Connecticut RPS registration number is CT00482-11.

The Authority's determination in this docket is based on the information submitted by the Applicant. The Authority may reverse its ruling or revoke the Applicant's registration if any material information provided by the Applicant proves to be false or misleading. KCP is reminded that it is obligated to notify the Authority within 10 days of any changes to any of the information it has provided to the Authority.

B. ORDER

For the following Order, submit one original of the required documentation to the Executive Secretary, 10 Franklin Square, New Britain, Connecticut 06051, and file an electronic version through PURA's website at www.ct.gov/dpuc. Submissions filed in compliance with Authority Orders must be identified by all three of the following: Docket Number, Title and Order Number.

1. The Applicant shall file with the Authority, by the date indicated in the table below, the Quarterly Generation Report from the GIS system that shows the number of Renewable Energy Credits (RECs) created by the GIS Administrator based on the Class I activities of Kane's Cow on the Creation Date (as defined in Section 2.1(b) of the GIS Operating rules, as amended from time to time) for said quarter.

The first report is due May 15, 2012 and the following dates thereafter:

Class I Activity Calendar Quarter	GIS REC Creation Date	Report Due Date
1 (Jan 01-Mar 31)	July 15	August 15
2 (Apr 01-Jun 30)	Oct. 15	November 15
3 (Jul 01-Sep 30)	Jan. 15	February 15
4 (Oct 01-Dec 31)	April 15	May 15

**DOCKET NO. 11-11-12 APPLICATION OF KANE'S COW POWER, LLC FOR
QUALIFICATION AS A CLASS I RENEWABLE ENERGY
SOURCE**

This Decision is adopted by the following Directors:

Kevin M. DeGobbo

John W. Betkoski, III

Anna M. Ficeto

CERTIFICATE OF SERVICE

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

K. Santopietro

Kimberley J. Santopietro
Executive Secretary
Department of Energy and Environmental Protection
Public Utilities Regulatory Authority

January 5, 2012

Date

DVO Digester Performance Report
Kane's Cow Power Weekly Monitoring

Kane's Cow Power

Total Run Time % 98.4

Total Monitored Hours 9,017.50

Run Hours Monitored 8,873.00

Date	Time	Current kWh	Total kWh	Total Hours Run	Total kWh Ave.	Run Time % since last check	kWh Ave. for period	Notes
11/4/2011	15:30	128	2,318	32.00	72.4			Start of monitoring
11/10/2011	9:30	93	18,725	169.00	110.8	99.3	119.8	
11/16/2011	7:30	116	30,896	306.00	101.0	96.5	88.8	
11/22/2011	9:30	0	41,956	437.00	96.0	89.7	84.4	
11/29/2011	9:30	172	61,481	603.00	102.0	98.8	117.6	
12/6/2011	12:30	201	89,511	773.00	115.8	99.4	164.9	
12/14/2011	7:30	0	128,134	959.00	133.6	99.5	207.7	
12/22/2011	9:30	165	157,486	1,136.00	138.6	91.2	165.8	
12/28/2011	14:30	156	180,339	1,285.00	140.3	100.0	153.4	
1/3/2012	12:30	149	203,911	1,427.00	142.9	100.0	166.0	
1/11/2012	9:30	200	234,832	1,614.00	145.5	98.9	165.4	
1/17/2012	9:30	212	260,098	1,755.00	148.2	97.9	179.2	
1/24/2012	9:30	136	288,551	1,923.00	150.1	100.0	169.4	
2/1/2012	8:30	135	316,811	2,101.00	150.8	93.2	158.8	
2/6/2012	8:30	110	334,788	2,220.00	150.8	99.2	151.1	
2/14/2012	7:30	139	365,223	2,411.00	151.5	100.0	159.3	
2/21/2012	11:30	152	391,848	2,583.00	151.7	100.0	154.8	
2/28/2012	8:30	147	417,884	2,747.00	152.1	99.4	158.8	
3/5/2012	10:30	152	440,353	2,892.00	152.3	99.3	155.0	
3/20/2012	9:30	146	494,685	3,240.00	152.7	96.9	156.1	
3/27/2012	7:30	148	520,383	3,403.00	152.9	98.2	157.7	
4/3/2012	9:30	161	547,992	3,569.00	153.5	97.6	166.3	
4/12/2012	7:30	149	584,047	3,783.00	154.4	100.0	168.5	
4/17/2012	9:30	184	604,049	3,904.00	154.7	99.2	165.3	
4/23/2012	7:30	139	626,496	4,046.00	154.8	100.0	158.1	
4/30/2012	7:30	157	654,615	4,214.00	155.3	100.0	167.4	
5/8/2012	9:30	149	685,855	4,407.00	155.6	99.5	161.9	
5/15/2012	13:30	161	712,520	4,578.00	155.6	99.4	155.9	
5/22/2012	7:30	145	737,728	4,739.00	155.7	99.4	156.6	
5/29/2012	9:30	176	764,503	4,909.00	155.7	100.0	157.5	
6/5/2012	13:30	149	790,180	5,081.00	155.5	100.0	149.3	
6/12/2012	12:30	149	816,103	5,245.00	155.6	98.2	158.1	
6/19/2012	13:30	171	842,290	5,413.00	155.6	99.4	155.9	
6/28/2012	9:30	170	873,471	5,620.00	155.4	97.6	150.6	
7/3/2012	8:30	138	889,698	5,732.00	155.2	94.1	144.9	
7/12/2012	7:30	164	922,727	5,947.00	155.2	100.0	153.6	
7/19/2012	9:30	156	948,743	6,115.00	155.2	98.8	154.9	
7/26/2012	7:30	151	973,323	6,281.00	155.0	100.0	148.1	
8/3/2012	7:30	158	1,001,594	6,472.00	154.8	99.5	148.0	
8/9/2012	7:30	147	1,022,855	6,616.00	154.6	100.0	147.6	
8/16/2012	7:30	132	1,047,113	6,781.00	154.4	98.2	147.0	
8/23/2012	8:30	139	1,070,244	6,938.00	154.3	92.9	147.3	
9/13/2012	16:00	141	1,142,945	7,428.00	153.9	95.8	148.4	
10/4/2012	15:00	152	1,214,686	7,928.00	153.2	99.4	143.5	
10/11/2012	15:00	129	1,238,459	8,096.00	153.0	100.0	141.5	
10/18/2012	15:00	144	1,263,297	8,263.00	152.9	99.4	148.7	
10/24/2012	10:00	171	1,283,949	8,402.00	152.8	100.0	148.6	
11/14/2012	9:00	147	1,357,814	8,905.00	152.5	100.0	146.8	