MONITORING REPORT #2014-1
FOR THE GREATER NEW BEDFORD LFG UTILIZATION PROJECT
DARTMOUTH, MASSACHUSETTS

FOR VERIFICATION PERIOD
JANUARY 1, 2014 THROUGH MARCH 31, 2014

JULY 11, 2014

Document Prepared By: CommonWealth Resource Management Corporation
For it's wholly-owned subsidiary
CommonWealth New Bedford Energy, LLC

Contact Information: Thomas Yeransian, Principal

199 Corey Street

Boston, MA 02132

Tel: (617) 327-8146 or (508) 339-3074

Project Title	Greater New Bedford LFG Utilization Project
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Prepared By	Thomas Yeransian, Principal of CommonWealth Resource Management Corporation
Contact	7 Winslow Way Mansfield, MA 02049, 508-339-3074, tyeransian@crmcx.com, www.crmcx.com

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1.0 Project Details

1.1 Summary Description of the Implementation Status of the Project

The Project is a landfill methane (*a.k.a.*, "landfill gas" or "LFG") capture and utilization project located at a solid waste landfill (the "Landfill") in Dartmouth, Massachusetts. The Landfill is owned by the Greater New Bedford Regional Refuse Management District (the "District"). The owner of the Project is CommonWealth New Bedford Energy, LLC ("CNBE"), a wholly-owned subsidiary of CommonWealth Resource Management Corporation ("CRMC"), a Massachusetts corporation based in Boston, Massachusetts, U.S.A. CNBE also owns the exclusive rights to all of the LFG at the Landfill, and all of the environmental attributes associated with the collection, destruction and use of all of the LFG at the Landfill.

The Project voluntarily captures and destroys LFG methane from the Crapo Hill Landfill located in Dartmouth, Massachusetts (latitude and longitude are 41° 43' 28.12" N and 70° 59' 04.82" W, respectively). The Project captures LFG from the expanded active collection system and destroys it either via four Caterpillar 3516 engine-generator sets or a back-up open flare. The Project achieves emissions reductions through the destruction of LFG that would otherwise have been released to the atmosphere. The back-up flare did not operate for any significant period of time during the current verification period; therefore, emission reductions are not claimed from flaring.

The Project was implemented according to the description provided in the validated PD. The Project became operational in January 2002 with the expansion of an existing active LFG collection and destruction system. Emission reductions from the current verification period were claimed for LFG collected from the expanded active LFG collection system and destructed in the Caterpillar 3516 engine-generator sets. The back-up flare had limited operation during the current verification period and no emission reductions are claimed from flaring. CRMC claims GHG emission reductions eligible under VCS program of 24,173 metric tons of CO2e for the verification period January 1, 2014 through March 31, 2014.

1.2 Sectoral Scope and Project Type

The sectoral scope is renewable energy industry. The Project is not a grouped project.

1.3 Project Proponent

Organization name	CommonWealth Resource Management Corporation For it's wholly-owned subsidiary CommonWealth New Bedford Energy, LLC
Contact person	Thomas Yeransian
Title	Principal of CRMC
Address	199 Corey Street Boston, MA 02132
Telephone	(617) 327-8146 or (508) 339-3074
Email	tyeransian@crmcx.com

1.4 Other Entities Involved in the Project

None

1.5 Project Start Date

January 1, 2002

1.6 Project Crediting Period

First Project Credit Period is a 10-year period starting March 28, 2006 and ending March 28, 2016.

1.7 Project Location

The Project is at the Crapo Hill Landfill located west of Samuel Barnet Boulevard in the northeast portion of the Town of Dartmouth, Massachusetts (latitude and longitude are 41° 43' 28.12" N and 70° 59' 04.82").

1.8 Title and Reference of Methodology

As outlined in the Project Design Document, the VCS methodology applied to the Project was UNFCCC's ACM0001 methodology (Version 9.1) – Consolidated baseline and monitoring methodology for landfill gas project activities.

1.9 Other Programs

- Emission Trading Programs and Other Binding Limits: Not Applicable.
- Other Forms of Environmental Credit: None. The Project has not sought or received another form of GHG-related environmental credit for the direct methane emissions reductions that result from the destruction of methane by the Project.
- Participation under Other GHG Programs: The Project is registered at the American Carbon Registry – Project ID of ACR 113. The emission reductions verified for this monitoring period will not be claimed under or registered on the ACR or any other registry.

2 IMPLEMENTATION STATUS

2.1 Implementation Status of the Project Activity

The project activity is in service.

The project activity operated normally during the monitoring period subject to this verification. The four engines destroyed landfill gas during the period. The back-up flare had very limited operation during the current verification period and no emission reductions are claimed from flaring.

2.2 Deviations

2.2.1 Methodology Deviations

The following methodology deviations were previously validated and approved for the Project:

- The SCADA system was programmed to calculate the methane gas flow in units of million British thermal units (MMBtu) using standardized gas flow (at 68°F and one atmosphere of pressure), methane concentration, the gross heat content (higher heating value) of methane, and the actual temperature and pressure. CNBE determined the volume of methane destroyed by converting the MMBtu values to total methane gas flow in standard cubic feet. This deviation from the monitoring methodology was previously approved by independent verifiers and had a conservative impact on the quantification of GHG emissions reductions during the verification period.

- The amount of methane destroyed in the baseline scenario, MD_{BL}, was determined by applying a 12.5 percent annual decline rate to the amount of methane destroyed in 2001, the year prior to the project activity. The declining rate was adopted to more accurately account for biological decay and loss of gas collection system effectiveness.

The Project reference conditions are 20 degrees Centigrade and 1 atmosphere rather than ACM0001 reference conditions of 0 degrees Centigrade and 1 atmosphere.

2.2.2 Project Description Deviations **None**

2.3 Grouped Project **Not Applicable.**

3 DATA AND PARAMETERS

3.1 Data and Parameters Available at Validation

Data / Parameter	Methane oxidation efficiency for electricity generation
Data unit	Percent
Description	Quantity of methane oxidized during combustion for electricity generation
Source of data	VCS
Value applied:	100
Purpose of the data	Baseline and emissions reductions
Comments	None

Data Unit / Parameter:	Methane oxidation efficiency for flare
Data unit:	Percent
Description:	Quantity of methane oxidized during combustion using flare
Source of data:	VCS
Value applied:	50
Purpose of the data:	Baseline and emissions reductions
Any comment:	None

Data Unit / Parameter:	Global Warming Potential Methane
Data unit:	Metric tons of CO2-equivalents per metric ton of methane
Description:	Global warming potential potency factor
Source of data:	VCS
Value applied:	21
Purpose of the data:	Convert methane to CO2-equivalents. Baseline and emissions reductions.
Any comment:	None

3.2 Data and Parameters Monitored

Data Unit / Parameter:	Methane content of LFG
Data unit:	Percent methane content of LFG
Description:	Methane content of LFG
Source of data:	SCADA System at Facility
Description of measurement methods and procedures to be applied:	Non-dispersive infrared
Frequency of monitoring/recording:	Continuous, hourly, daily
Value monitored:	Methane concentration, %
Monitoring equipment:	California Analytical 602P, Serial # S07002
QA/QC procedures to be applied:	Field calibrated once per week. A zero check and value check is performed by comparison with standard certified gas.
Purpose of the data	Calculate baseline and emissions reductions.

Data Unit / Parameter:	Methane content of LFG
Calculation method:	Used in calculation to obtain heat value of landfill gas in Btu per scf of LFG
Any comment:	CO2 and O2 are also continuously monitored using the same instrument.

Data Unit / Parameter:	Volume of LFG
Data unit:	Actual cubic feet per minute
Description:	Quantity of landfill gas used to fuel engines
Source of data:	SCADA System at Facility
Description of measurement methods and procedures to be applied:	Differential pressure measured across orifice plate
Frequency of monitoring/recording:	Continuous, hourly, daily
Value monitored:	Differential pressure
Monitoring equipment:	Oripac Model 4150, Serial #30154
QA/QC procedures to be applied:	Field calibrated once per month.
Purpose of the data	Calculate baseline and emissions reductions.
Calculation method:	Fluid flow equation (Bernoulli) calculates actual cubic feet per minute of LFG.
Any comment:	None

Data Unit / Parameter:	Temperature of LFG
Data unit:	Degrees Fahrenheit
Description:	Temperature of LFG
Source of data:	SCADA System at Facility
Description of measurement methods and procedures to be applied:	Thermocouple
Frequency of monitoring/recording:	Continuous
Value monitored:	Temperature
Monitoring equipment:	Thermocouple, Omega or equivalent
QA/QC procedures to be applied:	Field calibrated using thermometer.

Data Unit / Parameter:	Temperature of LFG
Purpose of the data	Calculate baseline and emissions reductions.
Calculation method:	Used in fluid flow equation (Bernoulli) to calculate standard cubic feet per minute from actual cubic feet per minute of LFG.
Any comment:	None

Data Unit / Parameter:	Pressure of LFG
Data unit:	PSIG
Description:	Pressure of LFG
Source of data:	SCADA System at Facility
Description of measurement methods and procedures to be applied:	Pressure transducer
Frequency of monitoring/recording:	Continuous
Value monitored:	Static pressure
Monitoring equipment:	Pressure transducer, Omega or equivalent
QA/QC procedures to be applied:	Field calibrated using pressure gauge.
Purpose of the data	Calculate baseline and emissions reductions.
Calculation method:	Used in fluid flow equation (Bernoulli) to calculate standard cubic feet per minute from actual cubic feet per minute of LFG.
Any comment:	None

Data Unit / Parameter:	Volume of LFG
Data unit:	Standard cubic feet per minute
Description:	Quantity of landfill gas combusted in flare
Source of data:	Flare station
Description of measurement methods and procedures to be applied:	Differential pressure measured across orifice plate
Frequency of monitoring/recording:	Continuous, hourly, daily
Value monitored:	Standard cubic feet per minute

Data Unit / Parameter:	Volume of LFG
Monitoring equipment:	Omega PDF65 sqrt, Serial #57493
QA/QC procedures to be applied:	Field calibrated as required when operating.
Purpose of the data	Calculate baseline and emissions reductions.
Calculation method:	Fluid flow equation (Bernoulli) calculates standard cubic feet per minute of LFG.
Any comment:	None

3.3 Monitoring Plan

Critical for the accuracy and transparency of the calculation is that:

1. Measurements of LFG flows are undertaken with reliable equipment that is regularly calibrated;
2. Sampling of Methane concentration in LFG is undertaken with reliable equipment that is regularly calibrated;
3. Sampling of Methane concentration in LFG takes place with a frequency that is sufficient to calculate average concentration factors that are statistically unbiased (i.e. they reflect the actual methane concentration of the LFG);
4. Measurements of LFG flows are undertaken at least on a monthly basis and are as frequent as necessary to apply statistically valid methane concentration factors (as described in (3), above);
5. Measurement and calibration equipment and processes and changes thereof are clearly described as part of the GHG emissions reporting process.

Unless otherwise specified through the GHG emissions reporting process, the following system is assumed to be in place.

Data measurements

Implementation of the calculation methodology described in Section 3 above requires measurement of the following two quantities:

- Volume of landfill gas collected from the Landfill.

- Methane content of the landfill gas

The volumes of landfill gas collected from the Landfill, in actual cubic feet, are measured continuously on a real-time basis with accumulating volumetric flow meters. The flow meters are located directly upstream of the Project. The specific devices used to take readings are orifice flow meters capable of measuring flows from 0 to 1,600 actual cubic feet per minute. One flow meter serves as the unit for flow meter measurements to the four engines, and one unit for flow meter measurements to the flare. Each flow meter is equipped with a totalizer that indicates the cumulative actual cubic feet of gas that have passed through that flow meter. For the engines, total flow is measured each minute and totalized and recorded each hour and day. The totalized intervals for flow to the engines are automatically converted to standard cubic feet per hourly and daily interval and stored on a computer monitoring system. For the flare, the totalilized flow will be read by the operator approximately on a weekly basis, and will record the date and time of each reading.

The methane content of the landfill gas, on a percent volume basis, is measured at a sampling port in the main header pipe near the flow meter with the use of a California Analytical Instrument Non-dispersive infrared (NDIR) analyzer. The methane content is measured at the approximately the same time as readings are taken on the flow meter totalizer. The average methane content over the interval is then calculated as the average of the reading taken at the start of the interval and the reading taken at the end of the interval.

The operator typically balances the landfill gas collection wellfield on a weekly basis on the same day that the totalizer reading is taken at the flare. The operator measures and records the methane content, carbon dioxide content, oxygen content, and balance gas content. In addition, in the course of balancing the wellfield, the operator records the methane content, carbon dioxide content, oxygen content, and balance gas content at each individual well or other extraction point in the landfill gas collection system. The results of a typical component analysis of the landfill gas at the Landfill flare is provided below:

Component	**Units**	**Value**
Methane	Percent by volume	55%
Carbon dioxide	Percent by volume	40%
Oxygen	Percent by volume	0.1%
Balance gas	Percent by volume	4.9%

Organizational structure, responsibilities and competencies.

CNBE owns and manages the operations of the Facility. CNBE contracts an operating company to conduct the operations and maintenance of the Facility. The operating company employees a full time operator to conduct operations, maintenance, inspections, calibrations, monitoring and record-keeping at the facility.

Methods for generating, recording, storing, aggregating, collating and reporting data on monitored parameters.

The SCADA system creates a Microsoft Excel file that contains the hourly and daily totals of landfill gas flow, landfill gas heat value, landfill gas methane content, operating hours of each engine, gross power output of each engine, gross and net power output of the facility. This file is created each day at mid-night for the prior 24-hour period. The file is automatically stored on the SCADA system computer. This file can be accessed remotely or at the facility. The file is manually copied from in its entirety and pasted into the monthly quantification excel spreadsheet. No individual pieces of data are manually entered. The files are backed up at the Facility and off-site.

Describe procedures for handling internal auditing and non-conformities.

The monthly quantification spreadsheet calculates several key performance parameters each day that are compared a few times per week to the expected performance range of each parameter. If the calculations show a significant deviation, corrective actions are taken. Corrective actions involve repairing equipment that is performing outside its normal range or correcting data that may have been reported in error. Equipment problems and corrective actions are noted in the "Service Section" of the monthly reports. CNBE will expand the notes to fully explain the problem and corrective action to the extent necessary.

CNBE has established monthly operations meetings at the Facility with our contract operator, and the owners of CNBE. During each monthly meeting we review the prior month operations performance including the production reports, work order list, unscheduled repairs and maintenance, and routine maintenance; the current month's additions to the work orders that would prevent and correct deficiencies discovered and make overall improvements in performance of the Facility; review reports including monthly outage report, methane calibration logs, exhaust gas oxygen logs, lubricating oil logs, spare parts inventory report and others that may be relevant. In addition, we meet with the District to review with them the status of the LFG collection system performance and work required to prevent and correct deficiencies discovered and make overall improvements in performance of the system.

During the period February 21 through March 7, 2014, the 95% confidence interval of the daily methane contents were used to adjust downward the GHG emission reductions claimed to account for an inconsistent span gas reading during the calibration of the methane analyzer. The span gas reading for weekly calibrations will be reviewed during the monthly operations meetings.

4 QUANTIFICATION OF GHG EMISSION REDUCTIONS AND REMOVALS

4.1 Baseline Emissions

See attached Exhibits 1 through 4.

4.2 Project Emissions

See attached Exhibits 1 through 4.

4.3 Leakage

See attached Exhibits 1 through 4.

4.4 Net GHG Emission Reductions and Removals

See attached Exhibits 1 through 4.

APPENDIX A: SEE ATTACHED EXHIBITS 1 THROUGH 6.

1. Exhibit 1 summarizes the emission reductions from methane oxidation during energy generation and flaring from January 1, 2014 through March 31, 2014.

2. Exhibit 2 provides LFG totalizer readings, and methane content readings for the period from January 1, 2014 through March 31, 2014, and calculations using the verification protocols under the VCS to obtain emission reductions from methane oxidation during energy generation.

3. Exhibit 3 provides LFG totalizer readings, and methane content readings for the periods from January 1, 2014 through March 31, 2014, and calculations using the verification protocols under the VCS to obtain emission reductions from methane oxidation during flaring.

4. Exhibit 4 provides the key factors, equations, and calculation of VCUs in accordance with the approved consolidated baseline methodology ACM0001/Version 09.1 “Consolidated baseline and monitoring methodology for the landfill gas project activities” promulgated by the United Nations Framework Convention of Climate Change (UNFCCC) under the Clean Development Mechanism (CDM).

5. Exhibit 5 is a compilation of the field data logs recording the total landfill gas volumes and methane content readings for the identified reporting periods.

6. Exhibit 6 documents the calibration of the LFG flow rate and provides a compilation of methane content calibration reports for the California Analytical Analyzer for the periods.

	EXHIBIT 1			
	CommonWealth New Bedford Energy LLC			
	Greater New Bedford LFG Utilization Project			
	Dartmouth, Massachusetts			
	Calculation of Verified Emission Reduction Credits in CO2 equivalent tons			
	in accordance with the Project Methodology			
	Key parameters used in calculations			
	Parameter			**VCS**
	Methane oxidation efficiency electricity generation			100.0%
	Methane oxidation efficiency LFG flaring			50.0%
	Methane, molecular weight			16
	Pounds per metric ton			2,205
	Gas constant (scf per lb-mole)			385
	Global Warming Potential (GWP) methane			21
	Summary results			
		Unit		
	Electricity generation			
	Start date			1-Jan-14
	End date			31-Mar-14
	Methane delivered	scf		65,222,336
	Emission Reductions	metric tons CO2e		**25,815**
	Flaring			
	Start date			1-Jan-14
	End date			31-Mar-14
	Methane delivered	scf		-
	Emission Reductions	metric tons CO2e		**-**
	Subtotal			
	Methane delivered	scf		65,222,336
	Emission Reductions	metric tons CO2e		**25,815**
	District Initial System			
	Methane delivered	scf		4,146,894
	Emission Reductions	metric tons CO2e		**1,641**
	Total			
	Emission Reductions eligible under VCS program	metric tons CO2e		**24,173**

EXHIBIT 2

CommonWealth New Bedford Energy LLC

Emission Reductions from methane oxidation during energy generation

Physical constants:

Methane, molecular weight (lb per lb-mole)	16
Pounds to metric ton	2,205
Gas constant, scf per lb-mole	385

Calculation of Verified Emission Reduction in CO2 equivalent tons per the following:

Verification Process: UNFCCC's CDM methodology ACM0001 (Version 9.1)

Standard of Verification: Verified Carbon Standard Version 3, October 8, 2013, v3.4

Begin period - date	End period - date	Totalizer reading end period	Totalizer reading start period	Total in period	Methane delivered to engines	Methane delivered cumulative	Methane delivered in the period	Methane delivered in the period	Methane oxidation efficiency	MD electricity, Mass methane destroyed in the period	MD electricity, Mass methane destroyed cumulative	Global warming potential methane	Emission reduction	Emission reduction cumulative
mm/dd/yy	*mm/dd/yy*	*MMBtu HHV*	*MMBtu HHV*	*MMBtu HHV*	*scf*	*scf*	*metric tons*	*metric tons*	*%*	*metric tons*	*metric tons*	*tons CO2 equivalent per ton methane*	*CO2 equivalent metric tons*	*CO2 equivalent metric tons*
	1-Jan-14													
1-Jan-14	31-Jan-14	25,145	-	25,145	24,847,134	24,847,134	468	468	100.0%	468	468	21	9,834	9,834
1-Feb-14	28-Feb-14	42,306	25,145	17,161	16,957,565	41,804,700	320	788	100.0%	320	788	21	6,712	16,546
1-Mar-14	31-Mar-14	66,005	42,306	23,699	23,417,636	65,222,336	441	1,229	100.0%	441	1,229	21	9,269	25,815

EXHIBIT 3

CommonWealth New Bedford Energy LLC

Calculation of Verified Emission Reduction in CO2 equivalent tons per the Project Methodology

Emission Reductions from methane oxidation from LFG flaring

Physical constants:	
Methane, molecular weight (lb per lb-mole)	16
Pounds to metric ton	2,205
Gas constant, scf per lb-mole	385

Calculation of Verified Emission Reduction in CO2 equivalent tons per the following

Verification Process: UNFCCC's CDM methodology ACM0001 (Version 9.1)

Standard of Verification: Verified Carbon Standard Version 3, October 8, 2013, v3.4

Begin period - date	End period - date	Totalizer reading end period	Totalizer reading start period	Total in period	Methane delivered to flare	Methane delivered cumulative	Methane delivered in the period	Methane delivered cumulative	Methane oxidation efficiency	MD flare, Mass methane destroyed in the period	MD flare, Mass methane destroyed cumulative	Global warming potential methane	Emission reduction	Emission reduction cumulative	PE flare, Project emissions (uncontrolled emissions to atmosphere from flare)	PE flare, Project emissions cumulative (uncontrolled emissions to atmosphere from flare)
mm/dd/yy	*mm/dd/yy*	*MMBtu HHV*	*MMBtu HHV*	*MMBtu HHV*	*scf*	*scf*	*metric tons*	*metric tons*	*%*	*metric tons*	*metric tons*	*tons CO2 equivalent per ton methane*	*CO2 equivalent metric tons*	*CO2 equivalent metric tons*	*CO2 equivalent metric tons*	*CO2 equivalent metric tons*
	1-Jan-14			-												
1-Jan-14	31-Jan-14	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-
1-Feb-14	28-Feb-14	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-
1-Mar-14	31-Mar-14	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-

EXHIBIT 4

Emission Reductions from the Greater New Bedford LFG Utilization Project using ACM0001 (Version 9.1) under the VCS Program

Key factors to determine baseline and emission reductions (1):		
Methane oxidation efficiency for electric generation:		100%
Methane oxidation efficiency for flare:		50%
GWP methane, Global warming potential for methane:		21
Quantity methane collected and controlled to make electricity		100%
Quantity methane collected and controlled by flare		0%
EL lfg	Indirect electricity required by baseline activity	0
ET lfg	Indirect thermal energy required by baseline activity	0
PE	Project emissions, which are indirect emissions from Project Activity	0
MD project	Methane destroyed by Project Activity	See below
MD bl	Methane destroyed in the District Initial System.	See below
MD flared	Methane destroyed by flaring = methane delivered to flare - methane emitted to atmosphere	See below
MD electricity	Methane destroyed by generation of electricity	See below
BE	Baseline emissions = (MD project-MD bl) * GWP methane + indirect emissions of baseline activity	See below
ER	Emission reductions, which is equal to BE - PE	See below

Year	Methane collected and delivered to engines and flare, methane metric tons	MD electricity, methane metric tons	MD flared, methane metric tons	MD project, methane metric tons	MD bl (2), methane metric tons	(MD project MD bl) methane metric tons	BE, CO2e metric tons	ER, CO2e metric tons
1st Quarter 2014	1,229	1,229	-	1,229	78	1,151	24,173	24,173

(1) Key factors and equations are from UNFCCC CDM document ACM0001/Version 09.1.

(2) Calculation of MD bl in accordance with validation report shown below.

Year	Methane delivered to flare from District Initial System, metric tons	MD bl, Methane destroyed in the District Initial System, metric tons
2001	3,548	1,774
2002	3,104	1,552
2003	2,716	1,358
2004	2,377	1,188
2005	2,080	1,040
2006	1,820	910
2007	1,592	796
2008	1,393	697
2009	1,219	610
2010	1,067	533
2011	933	467
2012	817	408
2013	715	357
2014	625	313
2015	547	274
2016	479	239
Annual rate of decline =	0.125	

Exhibit 5

Compilation of the field data logs recording the total landfill gas volumes and methane content readings for the identified reporting periods

JANUARY 2014																
CNBE Daily Reports Summary Data																
	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday
	1/1/2014	1/2/2014	1/3/2014	1/4/2014	1/5/2014	1/6/2014	1/7/2014	1/8/2014	1/9/2014	1/10/2014	1/11/2014	1/12/2014	1/13/2014	1/14/2014	1/15/2014
Landfill Gas Flow to the Engines (KSCF)	1,513	1,554	1,530	1,501	1,522	1,571	1,486	1,503	1,500	1,509	1,569	1,547	1,543	1,557	1,560
Landfill Gas Flow to the Engines (MMBTU HHV	795	816	804	790	800	821	788	797	786	798	837	813	805	820	815
Landfill Gas Flow to the Flare (KSCF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Flow to the Flare (MMBTU HHV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Total Flow (KSCF)	1,513	1,554	1,530	1,501	1,522	1,571	1,486	1,503	1,500	1,509	1,569	1,547	1,543	1,557	1,560
Landfill Gas Total Flow (MMBTU HHV)	795	816	804	790	800	821	788	797	786	798	837	813	805	820	815
Average Methane Content (%)	51.9	51.9	51.9	52.0	52.0	51.6	52.4	52.4	51.8	52.3	52.7	52.0	51.5	52.0	51.6
Engine 1 Hours	24	24	24	24	24	24	24	24	24	21	24	24	24	24	24
Engine 2 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Engine 3 Hours	24	24	24	24	24	24	24	24	24	24	24	24	20	24	24
Engine 4 Hours	24	24	24	24	24	24	22	24	24	24	23	25	24	24	24
Generator 1 Power Output (kWhr)	17,858	18,336	18,048	17,712	17,976	18,552	17,134	16,695	16,140	12,758	12,011	12,013	15,630	17,270	17,268
Generator 2 Power Output (kWhr)	14,435	14,832	14,592	14,304	14,520	15,000	13,998	14,821	15,797	17,533	19,133	19,135	18,419	17,033	17,384
Generator 3 Power Output (kWhr)	16,777	17,232	16,968	16,656	16,920	17,472	16,455	16,205	16,008	17,531	19,149	18,577	13,683	16,856	15,905
Generator 4 Power Output (kWhr)	13,612	13,968	13,752	13,488	13,704	14,160	13,460	13,612	13,880	16,952	19,125	17,902	17,661	16,719	15,579
Gross Power Output (kWhr)	62,632	64,319	63,289	62,090	63,057	65,105	61,078	61,368	61,852	64,782	69,424	67,632	65,410	67,893	66,146
Net Power Output (kWhr)	61,108	62,732	61,727	60,558	61,501	63,498	59,592	59,756	60,180	63,200	67,828	65,984	63,816	66,276	64,568
Power Sold as metered by NStar, (kWhr)	61,029	62,638	61,634	60,467	61,409	63,403	59,526	59,681	60,087	63,106	67,666	65,856	63,675	66,107	64,435
Offgrid RECs (kWhr)	1,524	1,587	1,562	1,532	1,556	1,607	1,486	1,612	1,672	1,582	1,595	1,649	1,593	1,617	1,579
Calculated Performance Results															
Daily															
Power output (kW average when running)															
Generator 1	744	764	752	738	749	773	714	696	673	608	500	501	651	720	720
Generator 2	601	618	608	596	605	625	583	618	658	731	797	797	767	710	724
Generator 3	699	718	707	694	705	728	686	675	667	730	798	774	684	702	663
Generator 4	567	582	573	562	571	590	612	567	578	706	832	716	736	697	649
Power output (kW average over 24-hrs)															
Facility Gross	2,610	2,680	2,637	2,587	2,627	2,713	2,545	2,557	2,577	2,699	2,893	2,818	2,725	2,829	2,756
Facility Net	2,546	2,614	2,572	2,523	2,563	2,646	2,483	2,490	2,508	2,633	2,826	2,749	2,659	2,762	2,690
In-plant load	64	66	65	64	65	67	62	67	70	66	67	69	66	67	66
Daily availability factor															
Facility	100%	100%	100%	100%	100%	100%	98%	100%	100%	97%	99%	101%	96%	100%	100%
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	88%	100%	100%	100%	100%	100%
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	83%	100%	100%
Engine 4	100%	100%	100%	100%	100%	100%	92%	100%	100%	100%	96%	104%	100%	100%	100%
Daily capacity factor															
Facility	79%	81%	80%	78%	80%	82%	77%	77%	78%	82%	88%	85%	83%	86%	84%
Engine 1	90%	93%	91%	89%	91%	94%	87%	84%	82%	74%	61%	61%	79%	87%	87%
Engine 2	73%	75%	74%	72%	73%	76%	71%	75%	80%	89%	97%	97%	93%	86%	88%
Engine 3	85%	87%	86%	84%	85%	88%	83%	82%	81%	89%	97%	94%	83%	85%	80%
Engine 4	69%	71%	69%	68%	69%	72%	74%	69%	70%	86%	101%	87%	89%	84%	79%
Cumulative by engine															
Engine operating run hours in the month															
Max Cumulative Available, hours	24	48	72	96	120	144	168	192	216	240	264	288	312	336	360
Engine 1	24	48	72	96	120	144	168	192	216	237	261	285	309	333	357
Engine 2	24	48	72	96	120	144	168	192	216	240	264	288	312	336	360
Engine 3	24	48	72	96	120	144	168	192	216	240	264	288	308	332	356
Engine 4	24	48	72	96	120	144	166	190	214	238	261	286	310	334	358
Engine operating run hours total from 0 hours															
Engine 1 (66,675)	66,699	66,723	66,747	66,771	66,795	66,819	66,843	66,867	66,891	66,912	66,936	66,960	66,984	67,008	67,032
Engine 2 (61,070)	61,094	61,118	61,142	61,166	61,190	61,214	61,238	61,262	61,286	61,310	61,334	61,358	61,382	61,406	61,430
Engine 3 (64,294)	64,318	64,342	64,366	64,390	64,414	64,438	64,462	64,486	64,510	64,534	64,558	64,582	64,602	64,626	64,650
Engine 4 (62,325)	62,349	62,373	62,397	62,421	62,445	62,469	62,491	62,515	62,539	62,563	62,586	62,611	62,635	62,659	62,683
Cumulative availability, % (January 1, 2014 @ 00:00 hours)															
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	99%	99%	99%	99%	99%
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	99%	99%
Engine 4	100%	100%	100%	100%	100%	100%	99%	99%	99%	99%	99%	99%	99%	99%	99%
Engine cumulative gross output, kWhr															
Max cumulative capacity one engine	825	1,650	2,475	3,300	4,125	4,950	5,775	6,600	7,425	8,250	9,075	9,900	10,725	11,550	12,375
Engine 1	744	1,508	2,260	2,998	3,747	4,520	5,234	5,930	6,602	7,210	7,710	8,211	8,862	9,581	10,301
Engine 2	601	1,219	1,827	2,423	3,028	3,653	4,237	4,854	5,512	6,243	7,040	7,838	8,605	9,315	10,039
Engine 3	699	1,417	2,124	2,818	3,523	4,251	4,937	5,612	6,279	7,009	7,807	8,581	9,265	9,968	10,630
Engine 4	567	1,149	1,722	2,284	2,855	3,445	4,057	4,624	5,202	5,909	6,740	7,456	8,192	8,889	9,538
Cumulative capacity factor, %															
Engine 1	90%	91%	91%	91%	91%	91%	91%	90%	89%	87%	85%	83%	83%	83%	83%
Engine 2	73%	74%	74%	73%	73%	74%	73%	74%	74%	76%	78%	79%	80%	81%	81%
Engine 3	85%	86%	86%	85%	85%	86%	85%	85%	85%	85%	86%	87%	86%	86%	86%
Engine 4	69%	70%	70%	69%	69%	70%	70%	70%	70%	72%	74%	75%	76%	77%	77%

	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday
	1/1/2014	1/2/2014	1/3/2014	1/4/2014	1/5/2014	1/6/2014	1/7/2014	1/8/2014	1/9/2014	1/10/2014	1/11/2014	1/12/2014	1/13/2014	1/14/2014	1/15/2014
Cumulative by Facility in month															
Max cumulative available engine run hours	96	192	288	384	480	576	672	768	864	960	1,056	1,152	1,248	1,344	1,440
Actual cumulative engine run hours	96	192	288	384	480	576	670	766	862	955	1,050	1,147	1,239	1,335	1,431
Cumulative Availability, %	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	99.7%	99.7%	99.8%	99.5%	99.4%	99.6%	99.3%	99.3%	99.4%
Max cumulative gross output, kWhr	79,200	158,400	237,600	316,800	396,000	475,200	554,400	633,600	712,800	792,000	871,200	950,400	1,029,600	1,108,800	1,188,000
Actual cumulative gross output, kWhr	62,632	126,951	190,240	252,330	315,387	380,492	441,570	502,938	564,790	629,572	698,996	766,628	832,038	899,931	966,077
Cumulative Capacity Factor	79.1%	80.1%	80.1%	79.6%	79.6%	80.1%	79.6%	79.4%	79.2%	79.5%	80.2%	80.7%	80.8%	81.2%	81.3%
Cumulative fuel input, MMBtu HHV	795	1,612	2,416	3,205	4,005	4,826	5,614	6,411	7,197	7,994	8,831	9,644	10,449	11,268	12,083
Cumulative gross output, kWhr	62,632	126,951	190,240	252,330	315,387	380,492	441,570	502,938	564,790	629,572	698,996	766,628	832,038	899,931	966,077
Heat Rate															
Daily heat rate, Btu/kWe gross LHV	11,432	11,426	11,434	11,446	11,424	11,349	11,607	11,694	11,434	11,086	10,849	10,823	11,072	10,870	11,089
Daily heat rate, Btu/kWe gross HHV	12,700	12,693	12,702	12,715	12,690	12,607	12,893	12,990	12,701	12,315	12,052	12,022	12,299	12,075	12,318
Cumulative heat rate, Btu/kWe gross LHV	11,432	11,429	11,431	11,435	11,432	11,418	11,444	11,475	11,470	11,431	11,373	11,324	11,305	11,272	11,259
Cumulative heat rate, Btu/kWe gross HHV	12,700	12,696	12,698	12,702	12,700	12,684	12,713	12,747	12,742	12,698	12,634	12,580	12,558	12,521	12,507
Cumulative by Facility starting Calendar Year															
Max cumulative available engine run hours	96	192	288	384	480	576	672	768	864	960	1,056	1,152	1,248	1,344	1,440
Actual cumulative engine run hours	96	192	288	384	480	576	670	766	862	955	1,050	1,147	1,239	1,335	1,431
Cumulative Availability, %	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	99.7%	99.7%	99.8%	99.5%	99.4%	99.6%	99.3%	99.3%	99.4%
Max cumulative gross output, kWhr	79,200	158,400	237,600	316,800	396,000	475,200	554,400	633,600	712,800	792,000	871,200	950,400	1,029,600	1,108,800	1,188,000
Actual cumulative gross output, kWhr	62,632	126,951	190,240	252,330	315,387	380,492	441,570	502,938	564,790	629,572	698,996	766,628	832,038	899,931	966,077
Cumulative Capacity Factor	79.1%	80.1%	80.1%	79.6%	79.6%	80.1%	79.6%	79.4%	79.2%	79.5%	80.2%	80.7%	80.8%	81.2%	81.3%
Cumulative fuel input, MMBtu HHV	795	1,612	2,416	3,205	4,005	4,826	5,614	6,411	7,197	7,994	8,831	9,644	10,449	11,268	12,083
Cumulative gross output, kWhr	62,632	126,951	190,240	252,330	315,387	380,492	441,570	502,938	564,790	629,572	698,996	766,628	832,038	899,931	966,077
Cumulative heat rate, Btu/kWe gross LHV	11,432	11,429	11,431	11,435	11,432	11,418	11,444	11,475	11,470	11,431	11,373	11,324	11,305	11,272	11,259
Cumulative heat rate, Btu/kWe gross HHV	12,700	12,696	12,698	12,702	12,700	12,684	12,713	12,747	12,742	12,698	12,634	12,580	12,558	12,521	12,507
Service															
Engine 1															
Engine 2															
Engine 3															
Engine 4															
Oil - oil and filter change															
Service - plugs, air filter, valve inspection and adjustment															
Precipitation															
NSTAR Power Reports	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday
Date	1/1/2014	1/2/2014	1/3/2014	1/4/2014	1/5/2014	1/6/2014	1/7/2014	1/8/2014	1/9/2014	1/10/2014	1/11/2014	1/12/2014	1/13/2014	1/14/2014	1/15/2014
Hour															
1	2,570	2,553	2,649	2,537	2,575	2,597	2,625	2,502	2,499	2,525	2,817	2,819	2,673	2,744	2,746
2	2,572	2,566	2,646	2,537	2,579	2,619	2,580	2,494	2,497	2,525	2,818	2,819	2,671	2,743	2,741
3	2,572	2,566	2,649	2,534	2,577	2,622	2,577	2,450	2,497	2,524	2,818	2,819	2,670	2,743	2,742
4	2,572	2,566	2,625	2,540	2,579	2,622	2,581	2,453	2,497	2,525	2,817	2,820	2,671	2,743	2,742
5	2,571	2,568	2,548	2,541	2,578	2,620	2,579	2,455	2,497	2,526	2,818	2,817	2,672	2,743	2,685
6	2,572	2,573	2,585	2,537	2,581	2,623	2,545	2,454	2,497	2,528	2,818	2,817	2,672	2,743	2,671
7	2,572	2,574	2,583	2,537	2,579	2,623	2,536	2,457	2,498	2,525	2,818	2,816	2,673	2,745	2,672
8	2,579	2,559	2,583	2,514	2,579	2,622	2,534	2,461	2,498	2,528	2,820	2,773	2,672	2,740	2,672
9	2,554	2,572	2,583	2,486	2,581	2,623	2,531	2,454	2,462	2,519	2,818	2,746	2,669	2,724	2,671
10	2,527	2,566	2,584	2,487	2,535	2,663	2,432	2,453	2,422	2,431	2,818	2,745	2,472	2,689	2,671
11	2,526	2,595	2,583	2,489	2,524	2,668	2,456	2,440	2,466	2,434	2,819	2,745	2,393	2,693	2,671
12	2,528	2,600	2,581	2,486	2,525	2,668	2,463	2,480	2,514	2,453	2,821	2,745	2,395	2,694	2,671
13	2,528	2,618	2,564	2,483	2,527	2,669	2,497	2,485	2,514	2,632	2,819	2,745	2,401	2,743	2,672
14	2,528	2,667	2,534	2,483	2,520	2,672	2,500	2,514	2,521	2,719	2,822	2,745	2,402	2,742	2,672
15	2,528	2,658	2,528	2,483	2,524	2,670	2,500	2,542	2,520	2,816	2,819	2,745	2,820	2,787	2,670
16	2,527	2,650	2,531	2,483	2,524	2,670	2,499	2,542	2,519	2,819	2,820	2,744	2,804	2,792	2,674
17	2,528	2,649	2,534	2,483	2,525	2,673	2,218	2,546	2,522	2,818	2,822	2,692	2,745	2,795	2,674
18	2,530	2,650	2,534	2,483	2,563	2,676	1,918	2,509	2,522	2,809	2,819	2,672	2,744	2,795	2,674
19	2,532	2,648	2,533	2,483	2,573	2,671	2,453	2,498	2,519	2,362	2,823	2,673	2,743	2,795	2,676
20	2,532	2,646	2,534	2,480	2,572	2,628	2,504	2,498	2,520	2,819	2,820	2,672	2,743	2,795	2,674
21	2,532	2,650	2,536	2,578	2,572	2,625	2,502	2,499	2,521	2,819	2,822	2,672	2,742	2,795	2,674
22	2,517	2,648	2,535	2,621	2,574	2,626	2,501	2,499	2,521	2,814	2,821	2,671	2,743	2,793	2,674
23	2,515	2,647	2,536	2,608	2,571	2,626	2,497	2,498	2,521	2,818	2,819	2,672	2,742	2,789	2,673
24	2,517	2,649	2,536	2,574	2,572	2,627	2,498	2,498	2,523	2,818	2,820	2,672	2,743	2,742	2,673
			-			-									
TOTAL	61,029	62,638	61,634	60,467	61,409	63,403	59,526	59,681	60,087	63,106	67,666	65,856	63,675	66,107	64,435
Cumulative Output Sold, kWhr	61,029	123,667	185,301	245,768	307,177	370,580	430,106	489,787	549,874	612,980	680,646	746,502	810,177	876,284	940,719
Transformer and line efficiency	99.9%	99.9%	99.8%	99.8%	99.9%	99.9%	99.9%	99.9%	99.8%	99.9%	99.8%	99.8%	99.8%	99.7%	99.8%
Hourly average	2,543	2,610	2,568	2,519	2,559	2,642	2,480	2,487	2,504	2,629	2,819	2,744	2,653	2,754	2,685

JANUARY 2014																	
CNBE Daily Reports Summary Data																	
	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	
	1/16/2014	1/17/2014	1/18/2014	1/19/2014	1/20/2014	1/21/2014	1/22/2014	1/23/2014	1/24/2014	1/25/2014	1/26/2014	1/27/2014	1/28/2014	1/29/2014	1/30/2014	1/31/2014	TOTAL
Landfill Gas Flow to the Engines (KS	1,054	1,647	1,661	1,629	1,595	1,488	1,643	1,610	1,579	1,637	1,550	1,569	1,585	1,652	1,670	1,548	48,078
Landfill Gas Flow to the Engines (M	573	855	878	860	838	771	855	810	824	864	799	816	804	851	853	812	25,145
Landfill Gas Flow to the Flare (KSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Flow to the Flare (MME	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Total Flow (KSCF)	1,054	1,647	1,661	1,629	1,595	1,488	1,643	1,610	1,579	1,637	1,550	1,569	1,585	1,652	1,670	1,548	48,078
Landfill Gas Total Flow (MMBTU HH	573	855	878	860	838	771	855	810	824	864	799	816	804	851	853	812	25,145
Average Methane Content (%)	53.7	51.3	52.3	52.2	51.9	51.2	51.4	49.7	51.6	52.1	50.9	51.4	50.1	50.9	50.5	51.8	51.7
Engine 1 Hours	16	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	733
Engine 2 Hours	17	24	24	24	24	23	25	23	24	24	24	20	24	24	24	24	732
Engine 3 Hours	16	24	24	24	24	24	24	24	23	22	24	24	24	24	24	12	717
Engine 4 Hours	17	21	24	24	24	24	24	24	24	24	24	24	24	24	24	24	732
Generator 1 Power Output (kWhr)	11,624	19,231	19,048	19,047	19,030	19,045	19,046	19,127	18,444	20,091	20,093	19,058	17,310	17,592	17,874	19,025	540,086
Generator 2 Power Output (kWhr)	11,685	19,328	19,135	19,135	19,118	19,130	19,131	17,638	18,545	20,210	18,472	14,126	16,219	16,995	17,349	18,808	525,960
Generator 3 Power Output (kWhr)	11,030	18,891	19,149	19,148	18,779	16,773	16,776	13,392	11,012	11,306	12,044	15,496	16,940	17,681	16,700	8,343	495,854
Generator 4 Power Output (kWhr)	11,363	14,936	16,797	16,236	14,410	15,450	15,757	17,231	17,622	19,351	18,274	18,827	16,962	17,165	17,136	19,141	494,232
Gross Power Output (kWhr)	45,763	72,393	74,150	73,590	71,344	70,398	70,715	67,406	65,616	70,989	68,907	67,515	67,423	69,430	69,056	65,331	2,056,103
Net Power Output (kWhr)	44,644	70,860	72,596	72,016	69,832	68,876	69,188	65,936	64,176	69,448	67,340	66,004	65,964	68,040	67,732	63,996	2,008,972
Power Sold as metered by NStar, (k	44,556	70,752	72,500	71,916	69,781	68,847	69,183	65,939	64,163	69,361	67,301	65,906	65,917	68,010	67,706	63,945	2,006,502
Offgrid RECs (kWhr)	1,119	1,533	1,553	1,574	1,513	1,522	1,527	1,470	1,441	1,541	1,567	1,511	1,459	1,390	1,324	1,335	47,132
Calculated Performance Results																	
Daily																	
Power output (kW average whe																	
Generator 1	727	801	794	794	793	794	794	797	769	837	837	794	721	733	745	793	
Generator 2	687	805	797	797	797	832	765	767	773	842	770	706	676	708	723	784	
Generator 3	689	787	798	798	782	699	699	558	479	514	502	646	706	737	696	695	
Generator 4	668	711	700	677	600	644	657	718	734	806	761	784	707	715	714	798	
Power output (kW average over																	
Facility Gross	1,907	3,016	3,090	3,066	2,973	2,933	2,946	2,809	2,734	2,958	2,871	2,813	2,809	2,893	2,877	2,722	
Facility Net	1,860	2,953	3,025	3,001	2,910	2,870	2,883	2,747	2,674	2,894	2,806	2,750	2,749	2,835	2,822	2,667	
In-plant load	47	64	65	66	63	63	64	61	60	64	65	63	61	58	55	56	
Daily availability factor																	
Facility	69%	97%	100%	100%	100%	99%	101%	99%	99%	98%	100%	96%	100%	100%	100%	88%	
Engine 1	67%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 2	71%	100%	100%	100%	100%	96%	104%	96%	100%	100%	100%	83%	100%	100%	100%	100%	
Engine 3	67%	100%	100%	100%	100%	100%	100%	100%	96%	92%	100%	100%	100%	100%	100%	50%	
Engine 4	71%	88%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Daily capacity factor																	
Facility	58%	91%	94%	93%	90%	89%	89%	85%	83%	90%	87%	85%	85%	88%	87%	82%	
Engine 1	88%	97%	96%	96%	96%	96%	96%	97%	93%	101%	101%	96%	87%	89%	90%	96%	
Engine 2	83%	98%	97%	97%	97%	101%	93%	93%	94%	102%	93%	86%	82%	86%	88%	95%	
Engine 3	84%	95%	97%	97%	95%	85%	85%	68%	58%	62%	61%	78%	86%	89%	84%	84%	
Engine 4	81%	86%	85%	82%	73%	78%	80%	87%	89%	98%	92%	95%	86%	87%	87%	97%	
Cumulative by engine																	
Engine operating run hours in th																	
Max Cumulative Available, H	384	408	432	456	480	504	528	552	576	600	624	648	672	696	720	744	
Engine 1	373	397	421	445	469	493	517	541	565	589	613	637	661	685	709	685	
Engine 2	377	401	425	449	473	496	521	544	568	592	616	636	660	684	708	684	
Engine 3	372	396	420	444	468	492	516	540	563	585	609	633	657	681	705	669	
Engine 4	375	396	420	444	468	492	516	540	564	588	612	636	660	684	708	684	
Engine operating run hours tota																	
Engine 1	67,048	67,072	67,096	67,120	67,144	67,168	67,192	67,216	67,240	67,264	67,288	67,312	67,336	67,360	67,384	67,360	
Engine 2	61,447	61,471	61,495	61,519	61,543	61,566	61,591	61,614	61,638	61,662	61,686	61,706	61,730	61,754	61,778	61,754	
Engine 3	64,666	64,690	64,714	64,738	64,762	64,786	64,810	64,834	64,857	64,879	64,903	64,927	64,951	64,975	64,999	64,963	
Engine 4	62,700	62,721	62,745	62,769	62,793	62,817	62,841	62,865	62,889	62,913	62,937	62,961	62,985	63,009	63,033	63,009	
Cumulative availability, %																	
Engine 1	97%	97%	97%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	92%	
Engine 2	98%	98%	98%	98%	99%	98%	99%	99%	99%	99%	99%	98%	98%	98%	98%	92%	
Engine 3	97%	97%	97%	97%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	90%	
Engine 4	98%	97%	97%	97%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	92%	
Engine cumulative gross output																	
Max cumulative capacity on	13,200	14,025	14,850	15,675	16,500	17,325	18,150	18,975	19,800	20,625	21,450	22,275	23,100	23,925	24,750	23,925	
Engine 1	11,027	11,829	12,622	13,416	14,209	15,003	15,796	16,593	17,362	18,199	19,036	19,830	20,551	21,284	22,029	21,344	
Engine 2	10,726	11,532	12,329	13,126	13,923	14,755	15,520	16,287	17,059	17,901	18,671	19,377	20,053	20,761	21,484	20,837	
Engine 3	11,320	12,107	12,905	13,703	14,485	15,184	15,883	16,441	16,920	17,434	17,936	18,581	19,287	20,024	20,720	19,982	
Engine 4	10,206	10,918	11,618	12,294	12,894	13,538	14,195	14,913	15,647	16,453	17,215	17,999	18,706	19,421	20,135	19,503	
Cumulative capacity factor, %																	
Engine 1	84%	84%	85%	86%	86%	87%	87%	87%	88%	88%	89%	89%	89%	89%	89%	89%	
Engine 2	81%	82%	83%	84%	84%	85%	86%	86%	86%	87%	87%	87%	87%	87%	87%	87%	
Engine 3	86%	86%	87%	87%	88%	88%	88%	87%	85%	85%	84%	83%	83%	84%	84%	84%	
Engine 4	77%	78%	78%	78%	78%	78%	78%	79%	79%	80%	80%	81%	81%	81%	81%	82%	

	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	
	1/16/2014	1/17/2014	1/18/2014	1/19/2014	1/20/2014	1/21/2014	1/22/2014	1/23/2014	1/24/2014	1/25/2014	1/26/2014	1/27/2014	1/28/2014	1/29/2014	1/30/2014	1/31/2014	TOTAL
Cumulative by Facility in month																	
Max cumulative available engir	1,536	1,632	1,728	1,824	1,920	2,016	2,112	2,208	2,304	2,400	2,496	2,592	2,688	2,784	2,880	2,784	
Actual cumulative engine run h	1,497	1,590	1,686	1,782	1,878	1,973	2,070	2,165	2,260	2,354	2,450	2,542	2,638	2,734	2,830	2,722	
Cumulative Availability, %	97.5%	97.4%	97.6%	97.7%	97.8%	97.9%	98.0%	98.1%	98.1%	98.1%	98.2%	98.1%	98.1%	98.2%	98.3%	97.8%	
Max cumulative gross output, kV	1,267,200	1,346,400	1,425,600	1,504,800	1,584,000	1,663,200	1,742,400	1,821,600	1,900,800	1,980,000	2,059,200	2,138,400	2,217,600	2,296,800	2,376,000	2,296,800	
Actual cumulative gross output,	1,011,840	1,084,233	1,158,383	1,231,973	1,303,317	1,373,715	1,444,430	1,511,836	1,577,452	1,648,441	1,717,348	1,784,863	1,852,286	1,921,716	1,990,772	1,917,617	
Cumulative Capacity Factor	79.8%	80.5%	81.3%	81.9%	82.3%	82.6%	82.9%	83.0%	83.0%	83.3%	83.4%	83.5%	83.5%	83.7%	83.8%	83.5%	
Cumulative fuel input, MMBtu H	12,656	13,511	14,389	15,249	16,087	16,859	17,714	18,524	19,348	20,212	21,010	21,826	22,630	23,481	24,334	23,442	
Cumulative gross output, kWhr	1,011,840	1,084,233	1,158,383	1,231,973	1,303,317	1,373,715	1,444,430	1,511,836	1,577,452	1,648,441	1,717,348	1,784,863	1,852,286	1,921,716	1,990,772	1,917,617	
Heat Rate																	
Daily heat rate, Btu/kWe gross l	11,269	10,626	10,663	10,522	10,577	9,864	10,888	10,811	11,307	10,952	10,433	10,877	10,736	11,034	11,114	11,184	
Daily heat rate, Btu/kWe gross I	12,519	11,804	11,845	11,689	11,750	10,958	12,095	12,009	12,561	12,167	11,590	12,083	11,926	12,257	12,347	12,424	
Cumulative heat rate, Btu/kWe (	11,260	11,217	11,182	11,142	11,112	11,048	11,040	11,030	11,041	11,037	11,013	11,008	10,998	10,999	11,003	11,004	
Cumulative heat rate, Btu/kWe (	12,508	12,461	12,422	12,378	12,343	12,272	12,264	12,252	12,265	12,261	12,234	12,228	12,217	12,219	12,223	12,224	
Cumulative by Facility starting Ca																	
Max cumulative available engir	1,536	1,632	1,728	1,824	1,920	2,016	2,112	2,208	2,304	2,400	2,496	2,592	2,688	2,784	2,880	2,784	
Actual cumulative engine run h	1,497	1,590	1,686	1,782	1,878	1,973	2,070	2,165	2,260	2,354	2,450	2,542	2,638	2,734	2,830	2,722	
Cumulative Availability, %	97.5%	97.4%	97.6%	97.7%	97.8%	97.9%	98.0%	98.1%	98.1%	98.1%	98.2%	98.1%	98.1%	98.2%	98.3%	97.8%	
Max cumulative gross output, kV	1,267,200	1,346,400	1,425,600	1,504,800	1,584,000	1,663,200	1,742,400	1,821,600	1,900,800	1,980,000	2,059,200	2,138,400	2,217,600	2,296,800	2,376,000	2,296,800	
Actual cumulative gross output,	1,011,840	1,084,233	1,158,383	1,231,973	1,303,317	1,373,715	1,444,430	1,511,836	1,577,452	1,648,441	1,717,348	1,784,863	1,852,286	1,921,716	1,990,772	1,917,617	
Cumulative Capacity Factor	79.8%	80.5%	81.3%	81.9%	82.3%	82.6%	82.9%	83.0%	83.0%	83.3%	83.4%	83.5%	83.5%	83.7%	83.8%	83.5%	
Cumulative fuel input, MMBtu H	12,656	13,511	14,389	15,249	16,087	16,859	17,714	18,524	19,348	20,212	21,010	21,826	22,630	23,481	24,334	23,442	
Cumulative gross output, kWhr	1,011,840	1,084,233	1,158,383	1,231,973	1,303,317	1,373,715	1,444,430	1,511,836	1,577,452	1,648,441	1,717,348	1,784,863	1,852,286	1,921,716	1,990,772	1,917,617	
Cumulative heat rate, Btu/kWe (	11,260	11,217	11,182	11,142	11,112	11,048	11,040	11,030	11,041	11,037	11,013	11,008	10,998	10,999	11,003	11,004	
Cumulative heat rate, Btu/kWe (	12,508	12,461	12,422	12,378	12,343	12,272	12,264	12,252	12,265	12,261	12,234	12,228	12,217	12,219	12,223	12,224	
Service																	
Engine 1	Nstar scheduled outage																
Engine 2	Trouble shoot Recloser																
Engine 3																Bearing failure	
Engine 4																	
Oil - oil and filter change																	
Service - plugs, air filter, valve inspe																	
Precipitation																	
NSTAR Power Reports	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	
Date	1/16/2014	1/17/2014	1/18/2014	1/19/2014	1/20/2014	1/21/2014	1/22/2014	1/23/2014	1/24/2014	1/25/2014	1/26/2014	1/27/2014	1/28/2014	1/29/2014	1/30/2014	1/31/2014	TOTAL
Hour																	
1	2,717	3,018	3,016	3,019	2,922	2,827	2,927	2,832	2,781	2,871	2,862	2,863	2,685	2,824	2,807	2,915	
2	2,720	3,018	3,020	3,021	2,922	2,827	2,927	2,832	2,781	2,870	2,863	2,863	2,685	2,824	2,721	2,915	
3	2,720	3,018	3,020	3,019	2,924	2,826	2,929	2,756	2,781	2,868	2,862	2,861	2,685	2,824	2,712	2,913	
4	2,720	3,018	3,020	3,021	2,921	2,827	2,926	2,736	2,782	2,868	2,862	2,861	2,686	2,824	2,743	2,913	
5	2,719	3,017	3,019	3,020	2,918	2,829	2,926	2,736	2,783	2,867	2,863	2,862	2,685	2,824	2,731	2,912	
6	2,720	3,017	3,020	3,018	2,923	2,826	2,929	2,735	2,782	2,862	2,808	2,862	2,684	2,825	2,743	2,911	
7	2,720	2,935	3,018	3,019	2,921	2,829	2,926	2,736	2,783	2,862	2,773	2,862	2,683	2,826	2,728	2,910	
8	2,719	2,923	3,020	3,018	2,922	2,828	2,927	2,736	2,784	2,811	2,774	2,862	2,688	2,824	2,726	2,910	
9	2,445	2,923	3,021	3,020	2,922	2,826	2,930	2,670	2,777	2,566	2,772	2,859	2,591	2,843	2,706	2,903	
10	170	2,923	3,020	3,020	2,915	2,825	2,926	2,035	870	2,666	2,770	2,847	2,658	2,843	2,730	2,891	
11	-	2,785	3,021	3,018	2,916	2,822	2,925	2,468	812	2,956	2,769	2,449	2,703	2,802	2,674	2,668	
12	-	2,434	3,023	3,019	2,923	2,822	2,923	2,765	2,772	2,955	2,769	2,466	2,714	2,824	2,778	2,389	
13	-	2,437	3,024	3,020	2,924	2,826	2,921	2,961	2,842	2,955	2,769	2,467	2,755	2,840	2,900	2,716	
14	-	2,862	3,024	3,020	2,923	2,854	2,866	2,945	2,954	2,954	2,771	2,467	2,814	2,856	2,901	2,461	
15	-	3,120	3,024	3,020	2,924	2,923	2,820	2,869	2,948	2,954	2,772	2,582	2,815	2,887	2,901	2,462	
16	-	3,120	3,023	3,018	2,921	2,921	2,821	2,869	2,952	2,954	2,772	2,850	2,816	2,896	2,903	2,462	
17	-	3,046	3,023	3,018	2,925	2,925	2,826	2,804	2,955	2,955	2,773	2,881	2,820	2,898	2,910	2,458	
18	1,599	3,020	3,021	3,019	2,921	2,928	2,828	2,775	2,903	2,954	2,773	2,827	2,820	2,895	2,911	2,463	
19	3,109	3,020	3,021	2,958	2,921	2,925	2,829	2,778	2,868	2,954	2,774	2,763	2,820	2,805	2,912	2,462	
20	3,112	3,020	3,021	2,923	2,920	2,925	2,829	2,779	2,870	2,954	2,774	2,748	2,821	2,805	2,913	2,462	
21	3,114	3,019	3,020	2,921	2,874	2,928	2,830	2,780	2,725	2,955	2,784	2,745	2,822	2,805	2,914	2,462	
22	3,114	3,016	3,020	2,921	2,827	2,925	2,830	2,780	2,893	2,954	2,864	2,687	2,821	2,805	2,914	2,463	
23	3,113	3,022	3,023	2,924	2,826	2,925	2,830	2,781	2,894	2,934	2,864	2,686	2,822	2,805	2,914	2,462	
24	3,025	3,021	3,018	2,922	2,826	2,928	2,832	2,781	2,871	2,862	2,864	2,686	2,824	2,806	2,914	2,462	
TOTAL	44,556	70,752	72,500	71,916	69,781	68,847	69,183	65,939	64,163	69,361	67,301	65,906	65,917	68,010	67,706	63,945	
Cumulative Output Sold, kW	985,275	1,056,027	1,128,527	1,200,443	1,270,224	1,339,071	1,408,254	1,474,193	1,538,356	1,607,717	1,675,018	1,740,924	1,806,841	1,874,851	1,942,557	2,006,502	
Transformer and line efficienc	99.8%	99.8%	99.9%	99.9%	99.9%	100.0%	100.0%	100.0%	100.0%	99.9%	99.9%	99.9%	99.9%	100.0%	100.0%	99.9%	0.0%
Hourly average	1,857	2,948	3,021	2,997	2,908	2,869	2,883	2,747	2,673	2,890	2,804	2,746	2,747	2,834	2,821	2,664	2,697

FEBRUARY 2014																
CNBE Daily Reports Summary Data																
	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	2/1/2014	2/2/2014	2/3/2014	2/4/2014	2/5/2014	2/6/2014	2/7/2014	2/8/2014	2/9/2014	2/10/2014	2/11/2014	2/12/2014	2/13/2014	2/14/2014	2/15/2014
Landfill Gas Flow to the Engines (KSCF)	1,470	1,470	1,113	1,443	1,390	1,418	1,390	1,366	1,372	1,333	1,254	1,157	1,233	1,370	1,041
Landfill Gas Flow to the Engines (MMBTU HHV	749	754	563	741	762	756	748	728	734	715	670	603	681	738	555
Landfill Gas Flow to the Flare (KSCF)	147	147	390	159	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Flow to the Flare (MMBTU HHV)	75	75	197	81	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Total Flow (KSCF)	1,617	1,617	1,503	1,602	1,390	1,418	1,390	1,366	1,372	1,333	1,254	1,157	1,233	1,370	1,041
Landfill Gas Total Flow (MMBTU HHV)	824	829	761	822	762	756	748	728	734	715	670	603	681	738	555
Average Methane Content (%)	50.3	50.6	50.0	50.7	54.2	52.7	53.2	52.6	52.9	53.0	52.8	51.5	54.5	53.2	52.7
Engine 1 Hours	24	24	19	24	24	24	24	24	24	22	16	11	14	24	17
Engine 2 Hours	24	24	19	24	24	24	24	24	24	24	24	15	24	24	18
Engine 3 Hours	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engine 4 Hours	24	24	20	24	24	24	24	24	24	22	24	23	24	24	17
Generator 1 Power Output (kWhr)	20,096	20,088	15,211	19,597	20,101	20,101	20,098	18,208	17,760	16,310	11,232	8,566	10,251	17,570	14,055
Generator 2 Power Output (kWhr)	20,051	20,209	15,402	20,158	20,208	20,207	19,529	19,378	20,207	20,208	20,202	11,833	18,546	19,709	14,727
Generator 3 Power Output (kWhr)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Generator 4 Power Output (kWhr)	20,031	20,212	15,338	19,936	20,211	20,209	19,406	17,985	17,856	16,900	19,005	17,758	18,781	19,687	14,704
Gross Power Output (kWhr)	60,215	60,551	46,065	59,728	60,561	60,552	59,088	55,645	55,876	53,475	50,465	38,184	47,577	57,022	43,631
Net Power Output (kWhr)	58,864	59,196	44,824	58,240	59,264	59,192	57,800	54,360	54,532	52,156	49,104	37,052	46,440	55,752	42,713
Power Sold as metered by NStar, (kWhr)	58,775	59,095	44,769	58,161	59,187	59,123	57,738	54,274	54,444	52,085	49,097	36,996	46,382	55,597	42,728
Offgrid RECs (kWhr)	1,351	1,354	1,241	1,486	1,298	1,361	1,287	1,285	1,343	1,317	1,360	1,133	1,136	1,271	918
Calculated Performance Results															
Daily															
Power output (kW average when running)															
Generator 1	837	837	801	817	838	838	837	759	740	741	702	779	732	732	827
Generator 2	835	842	811	840	842	842	814	807	842	842	842	789	773	821	818
Generator 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Generator 4	835	842	767	831	842	842	809	749	744	768	792	772	783	820	865
Power output (kW average over 24-hrs)															
Facility Gross	2,509	2,523	1,919	2,489	2,523	2,523	2,462	2,319	2,328	2,228	2,103	1,591	1,982	2,376	1,818
Facility Net	2,453	2,467	1,868	2,427	2,469	2,466	2,408	2,265	2,272	2,173	2,046	1,544	1,935	2,323	1,780
In-plant load	56	56	52	62	54	57	54	54	56	55	57	47	47	53	38
Daily availability factor															
Facility	75%	75%	60%	75%	75%	75%	75%	75%	75%	71%	67%	51%	65%	75%	54%
Engine 1	100%	100%	79%	100%	100%	100%	100%	100%	100%	92%	67%	46%	58%	100%	71%
Engine 2	100%	100%	79%	100%	100%	100%	100%	100%	100%	100%	100%	63%	100%	100%	75%
Engine 3	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Engine 4	100%	100%	83%	100%	100%	100%	100%	100%	100%	92%	100%	96%	100%	100%	71%
Daily capacity factor															
Facility	76%	76%	58%	75%	76%	76%	75%	70%	71%	68%	64%	48%	60%	72%	55%
Engine 1	101%	101%	97%	99%	102%	102%	102%	92%	90%	90%	85%	94%	89%	89%	100%
Engine 2	101%	102%	98%	102%	102%	102%	99%	98%	102%	102%	102%	96%	94%	100%	99%
Engine 3	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Engine 4	101%	102%	93%	101%	102%	102%	98%	91%	90%	93%	96%	94%	95%	99%	105%
Cumulative by engine															
Engine operating run hours in the month															
Max Cumulative Available, hours	24	48	72	96	120	144	168	192	216	240	264	288	312	336	360
Engine 1	24	48	67	91	115	139	163	187	211	233	249	260	274	298	315
Engine 2	24	48	67	91	115	139	163	187	211	235	259	274	298	322	340
Engine 3	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-
Engine 4	24	48	68	92	116	140	164	188	212	234	258	281	305	329	346
Engine operating run hours total from 0 hours															
Engine 1 (67,548)	67,572	67,596	67,615	67,639	67,663	67,687	67,711	67,735	67,759	67,781	67,797	67,808	67,822	67,846	67,863
Engine 2 (61,802)	61,826	61,850	61,869	61,893	61,917	61,941	61,965	61,989	62,013	62,037	62,061	62,076	62,100	62,124	62,142
Engine 3 (65,011)	65,011	65,011	65,011	65,011	65,011	65,011	65,011	65,011	65,011	65,011	65,011	65,011	65,011	65,011	65,011
Engine 4 (63,058)	63,082	63,106	63,126	63,150	63,174	63,198	63,222	63,246	63,270	63,292	63,316	63,339	63,363	63,387	63,404
Cumulative availability, % (February 1, 2014 @ 00:00 hours)															
Engine 1	100%	100%	93%	95%	96%	97%	97%	97%	98%	97%	94%	90%	88%	89%	88%
Engine 2	100%	100%	93%	95%	96%	97%	97%	97%	98%	98%	98%	95%	96%	96%	94%
Engine 3	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Engine 4	100%	100%	94%	96%	97%	97%	98%	98%	98%	98%	98%	98%	98%	98%	96%
Engine cumulative gross output, kWhr															
Max cumulative capacity one engine	825	1,650	2,475	3,300	4,125	4,950	5,775	6,600	7,425	8,250	9,075	9,900	10,725	11,550	12,375
Engine 1	837	1,674	2,475	3,291	4,129	4,967	5,804	6,563	7,303	8,044	8,746	9,525	10,257	10,989	11,816
Engine 2	835	1,678	2,488	3,328	4,170	5,012	5,826	6,633	7,475	8,317	9,159	9,948	10,720	11,542	12,360
Engine 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engine 4	835	1,677	2,444	3,274	4,116	4,959	5,767	6,516	7,260	8,029	8,821	9,593	10,375	11,195	12,060
Cumulative capacity factor, %															
Engine 1	101%	101%	100%	100%	100%	100%	101%	99%	98%	98%	96%	96%	96%	95%	95%
Engine 2	101%	102%	101%	101%	101%	101%	101%	101%	101%	101%	101%	100%	100%	100%	100%
Engine 3	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Engine 4	101%	102%	99%	99%	100%	100%	100%	99%	98%	97%	97%	97%	97%	97%	97%

	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	2/1/2014	2/2/2014	2/3/2014	2/4/2014	2/5/2014	2/6/2014	2/7/2014	2/8/2014	2/9/2014	2/10/2014	2/11/2014	2/12/2014	2/13/2014	2/14/2014	2/15/2014
Cumulative by Facility in month															
Max cumulative available engine run hours	96	192	288	384	480	576	672	768	864	960	1,056	1,152	1,248	1,344	1,440
Actual cumulative engine run hours	72	144	202	274	346	418	490	562	634	702	766	815	877	949	1,001
Cumulative Availability, %	75.0%	75.0%	70.1%	71.4%	72.1%	72.6%	72.9%	73.2%	73.4%	73.1%	72.5%	70.7%	70.3%	70.6%	69.5%
Max cumulative gross output, kWhr	79,200	158,400	237,600	316,800	396,000	475,200	554,400	633,600	712,800	792,000	871,200	950,400	1,029,600	1,108,800	1,188,000
Actual cumulative gross output, kWhr	60,215	120,766	166,831	226,559	287,120	347,672	406,760	462,405	518,281	571,756	622,221	660,405	707,982	765,004	808,635
Cumulative Capacity Factor	76.0%	76.2%	70.2%	71.5%	72.5%	73.2%	73.4%	73.0%	72.7%	72.2%	71.4%	69.5%	68.8%	69.0%	68.1%
Cumulative fuel input, MMBtu HHV	749	1,502	2,066	2,807	3,569	4,325	5,073	5,801	6,535	7,250	7,921	8,524	9,204	9,942	10,496
Cumulative gross output, kWhr	60,215	120,766	166,831	226,559	287,120	347,672	406,760	462,405	518,281	571,756	622,221	660,405	707,982	765,004	808,635
Heat Rate															
Daily heat rate, Btu/kWe gross LHV	11,194	11,204	11,010	11,167	11,327	11,242	11,400	11,769	11,828	12,043	11,959	14,214	12,876	11,643	11,443
Daily heat rate, Btu/kWe gross HHV	12,435	12,446	12,231	12,405	12,582	12,488	12,664	13,074	13,140	13,378	13,284	15,789	14,303	12,934	12,711
Cumulative heat rate, Btu/kWe gross LHV	11,194	11,199	11,147	11,152	11,189	11,198	11,227	11,293	11,350	11,415	11,459	11,619	11,703	11,699	11,685
Cumulative heat rate, Btu/kWe gross HHV	12,435	12,441	12,383	12,388	12,429	12,440	12,472	12,545	12,609	12,681	12,730	12,907	13,000	12,995	12,980
Cumulative by Facility starting Calendar Year															
Max cumulative available engine run hours	2,880	2,976	3,072	3,168	3,264	3,360	3,456	3,552	3,648	3,744	3,840	3,936	4,032	4,128	4,224
Actual cumulative engine run hours	2,794	2,866	2,924	2,996	3,068	3,140	3,212	3,284	3,356	3,424	3,488	3,537	3,599	3,671	3,723
Cumulative Availability, %	97.0%	96.3%	95.2%	94.6%	94.0%	93.5%	92.9%	92.5%	92.0%	91.5%	90.8%	89.9%	89.3%	88.9%	88.1%
Max cumulative gross output, kWhr	2,376,000	2,455,200	2,534,400	2,613,600	2,692,800	2,772,000	2,851,200	2,930,400	3,009,600	3,088,800	3,168,000	3,247,200	3,326,400	3,405,600	3,484,800
Actual cumulative gross output, kWhr	1,977,832	2,038,383	2,084,448	2,144,176	2,204,737	2,265,289	2,324,377	2,380,022	2,435,898	2,489,373	2,539,838	2,578,022	2,625,599	2,682,621	2,726,252
Cumulative Capacity Factor	83.2%	83.0%	82.2%	82.0%	81.9%	81.7%	81.5%	81.2%	80.9%	80.6%	80.2%	79.4%	78.9%	78.8%	78.2%
Cumulative fuel input, MMBtu HHV	24,191	24,944	25,508	26,248	27,010	27,767	28,515	29,242	29,977	30,692	31,362	31,965	32,646	33,383	33,938
Cumulative gross output, kWhr	1,977,832	2,038,383	2,084,448	2,144,176	2,204,737	2,265,289	2,324,377	2,380,022	2,435,898	2,489,373	2,539,838	2,578,022	2,625,599	2,682,621	2,726,252
Cumulative heat rate, Btu/kWe gross LHV	11,010	11,016	11,016	11,020	11,028	11,034	11,043	11,060	11,078	11,099	11,116	11,162	11,193	11,202	11,206
Cumulative heat rate, Btu/kWe gross HHV	12,231	12,237	12,237	12,242	12,251	12,257	12,268	12,287	12,306	12,329	12,348	12,399	12,434	12,444	12,449
Service											Change new pushrods				
Engine 1			NStar outage							Oil Change	Shut down on detonation.				
Engine 2			loss of communication							at 728 hours					
Engine 3			Wet snow on NStar												
Engine 4			antennas												
Oil - oil and filter change										Oil Change 567 hours					
Service - plugs, air filter, valve inspection and adjustment															
Precipitation															
NSTAR Power Reports	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date	2/1/2014	2/2/2014	2/3/2014	2/4/2014	2/5/2014	2/6/2014	2/7/2014	2/8/2014	2/9/2014	2/10/2014	2/11/2014	2/12/2014	2/13/2014	2/14/2014	2/15/2014
Hour															
1	2,462	2,464	2,462	2,451	2,471	2,464	2,468	2,272	2,270	2,270	2,267	1,640	2,267	2,173	2,425
2	2,462	2,467	2,460	2,452	2,469	2,464	2,469	2,272	2,269	2,273	2,266	854	2,268	2,172	2,429
3	2,461	2,463	2,462	2,452	2,468	2,467	2,471	2,271	2,269	2,271	2,267	800	2,269	2,171	2,425
4	2,461	2,466	2,463	2,452	2,471	2,465	2,469	2,273	2,271	2,269	2,267	803	2,269	2,170	2,431
5	2,463	2,462	2,463	2,452	2,468	2,466	2,470	2,243	2,270	2,273	2,266	797	2,268	2,171	2,427
6	2,463	2,465	2,463	2,452	2,468	2,464	2,468	2,176	2,270	2,272	2,266	794	2,266	2,171	2,431
7	2,463	2,461	2,464	2,437	2,470	2,462	2,468	2,179	2,271	2,271	2,266	793	2,268	2,170	2,427
8	2,462	2,466	2,463	2,357	2,469	2,465	2,471	2,179	2,271	2,271	2,263	638	2,268	2,171	2,431
9	2,458	2,461	2,458	2,356	2,466	2,458	2,463	2,251	2,268	2,266	2,050	-	2,269	2,171	2,429
10	2,169	2,463	2,462	2,357	2,465	2,455	2,469	2,271	2,266	2,264	1,635	499	2,244	2,145	2,429
11	2,423	2,459	2,464	2,353	2,464	2,456	2,467	2,271	2,266	2,068	1,960	1,636	1,762	2,388	2,427
12	2,463	2,463	2,462	2,355	2,464	2,457	2,471	2,268	2,267	1,635	2,312	1,633	1,657	2,421	2,429
13	2,458	2,461	1,005	2,355	2,463	2,457	2,467	2,316	2,266	1,642	2,254	1,637	1,645	2,421	2,427
14	2,462	2,462	-	2,274	2,463	2,461	2,461	2,317	2,266	1,663	2,261	1,690	1,646	2,422	2,454
15	2,464	2,461	-	2,413	2,463	2,459	2,461	2,282	2,267	1,730	2,251	2,252	1,638	2,423	2,469
16	2,461	2,463	-	2,458	2,463	2,463	2,403	2,271	2,268	2,323	2,276	2,361	1,640	2,423	2,472
17	2,464	2,461	-	2,464	2,468	2,464	2,367	2,270	2,269	2,367	2,244	2,293	1,927	2,428	2,471
18	2,464	2,462	302	2,466	2,465	2,466	2,316	2,272	2,269	2,359	1,898	2,268	2,157	2,426	1,295
19	2,464	2,459	1,659	2,466	2,466	2,465	2,279	2,269	2,269	2,266	1,639	2,269	1,641	2,427	-
20	2,466	2,463	2,452	2,465	2,466	2,466	2,273	2,271	2,266	2,266	1,638	2,267	1,546	2,425	-
21	2,465	2,460	2,451	2,469	2,466	2,469	2,271	2,269	2,268	2,266	1,638	2,268	928	2,427	-
22	2,466	2,461	2,451	2,468	2,465	2,471	2,271	2,271	2,269	2,267	1,637	2,269	1,501	2,426	-
23	2,465	2,462	2,451	2,468	2,463	2,469	2,272	2,269	2,269	2,266	1,637	2,268	1,839	2,426	-
24	2,466	2,460	2,452	2,469	2,463	2,470	2,273	2,271	2,270	2,267	1,639	2,267	2,199	2,429	-
TOTAL	58,775	59,095	44,769	58,161	59,187	59,123	57,738	54,274	54,444	52,085	49,097	36,996	46,382	55,597	42,728
Cumulative Output Sold, kWhr	58,775	117,870	162,639	220,800	279,987	339,110	396,848	451,122	505,566	557,651	606,748	643,744	690,126	745,723	788,451
Transformer and line efficiency	99.8%	99.8%	99.9%	99.9%	99.9%	99.9%	99.9%	99.8%	99.8%	99.9%	100.0%	99.8%	99.9%	99.7%	100.0%
Hourly average	2,449	2,462	1,865	2,423	2,466	2,463	2,406	2,261	2,269	2,170	2,046	1,542	1,933	2,317	1,780

FEBRUARY 2014														
CNBE Daily Reports Summary Data														
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Corrected
	2/16/2014	2/17/2014	2/18/2014	2/19/2014	2/20/2014	2/21/2014	2/22/2014	2/23/2014	2/24/2014	2/25/2014	2/26/2014	2/27/2014	2/28/2014	TOTAL
Landfill Gas Flow to the Engines (KS	-	-	-	380	1,366	1,382	1,365	1,411	772	1,401	1,411	1,395	1,414	32,118
Landfill Gas Flow to the Engines (M	-	-	-	204	733	750	741	766	419	761	766	757	768	17,161
Landfill Gas Flow to the Flare (KSC	-	-	-	-	-	-	-	-	-	-	-	-	-	842
Landfill Gas Flow to the Flare (MME	-	-	-	-	-	-	-	-	-	-	-	-	-	429
Landfill Gas Total Flow (KSCF)	-	-	-	380	1,366	1,382	1,365	1,411	772	1,401	1,411	1,395	1,414	32,960
Landfill Gas Total Flow (MMBTU HH	-	-	-	204	733	750	741	766	419	761	766	757	768	17,590
Average Methane Content (%)	-	-	-	53.0	53.0	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	52.7
Engine 1 Hours	-	-	-	9	24	-	24	24	16	24	24	24	24	508
Engine 2 Hours	-	-	-	8	24	-	24	24	16	24	24	24	24	532
Engine 3 Hours	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engine 4 Hours	-	-	-	9	24	-	24	24	16	24	24	24	24	539
Generator 1 Power Output (kWhr)	-	-	-	4,514	20,098	20,096	20,045	20,097	13,035	19,945	20,096	19,626	20,098	426,894
Generator 2 Power Output (kWhr)	-	-	-	4,874	20,211	20,214	20,164	20,214	11,751	20,067	20,221	19,746	20,217	458,253
Generator 3 Power Output (kWhr)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Generator 4 Power Output (kWhr)	-	-	-	4,744	20,189	20,187	20,133	20,186	13,374	20,035	20,188	19,711	20,189	456,955
Gross Power Output (kWhr)	-	-	-	15,306	60,528	60,525	60,364	60,534	38,277	60,083	60,541	59,118	60,534	1,344,445
Net Power Output (kWhr)	-	-	-	13,724	59,052	59,038	58,872	59,030	37,300	58,908	59,356	57,952	59,372	1,312,093
Power Sold as metered by NStar, (k	-	-	-	13,607	58,901	58,892	58,878	58,856	37,259	58,842	59,280	57,863	59,289	1,310,118
Offgrid RECs (kWhr)	-	-	-	1,582	1,476	1,488	1,492	1,504	978	1,175	1,185	1,166	1,162	32,349
Calculated Performance Results														
Daily														
Power output (kW average whe														
Generator 1	-	-	-	502	837	-	835	837	815	831	837	818	837	
Generator 2	-	-	-	609	842	-	840	842	734	836	843	823	842	
Generator 3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Generator 4	-	-	-	527	841	-	839	841	836	835	841	821	841	
Power output (kW average over														
Facility Gross	-	-	-	638	2,522	2,522	2,515	2,522	1,595	2,503	2,523	2,463	2,522	
Facility Net	-	-	-	572	2,461	2,460	2,453	2,460	1,554	2,455	2,473	2,415	2,474	
In-plant load	-	-	-	66	62	62	62	63	41	49	49	49	48	
Daily availability factor														
Facility	0%	0%	0%	27%	75%	0%	75%	75%	50%	75%	75%	75%	75%	
Engine 1	0%	0%	0%	38%	100%	0%	100%	100%	67%	100%	100%	100%	100%	
Engine 2	0%	0%	0%	33%	100%	0%	100%	100%	67%	100%	100%	100%	100%	
Engine 3	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Engine 4	0%	0%	0%	38%	100%	0%	100%	100%	67%	100%	100%	100%	100%	
Daily capacity factor														
Facility	0%	0%	0%	19%	76%	76%	76%	76%	48%	76%	76%	75%	76%	
Engine 1	0%	0%	0%	61%	102%	0%	101%	102%	99%	101%	101%	99%	102%	
Engine 2	0%	0%	0%	74%	102%	0%	102%	102%	89%	101%	102%	100%	102%	
Engine 3	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Engine 4	0%	0%	0%	64%	102%	0%	102%	102%	101%	101%	102%	100%	102%	
Cumulative by engine														
Engine operating run hours in th														
Max Cumulative Available, H	384	408	432	456	480	504	528	552	576	600	624	648	672	
Engine 1	315	315	315	324	348	348	372	396	412	436	460	484	508	
Engine 2	340	340	340	348	372	372	396	420	436	460	484	508	532	
Engine 3	-	-	0	0	0	0	0	0	0	0	0	0	0	
Engine 4	346	346	346	355	379	379	403	427	443	467	491	515	539	
Engine operating run hours tota														
Engine 1	67,863	67,863	67,863	67,872	67,896	67,896	67,920	67,944	67,960	67,984	68,008	68,032	68,056	
Engine 2	62,142	62,142	62,142	62,150	62,174	62,174	62,198	62,222	62,238	62,262	62,286	62,310	62,334	
Engine 3	65,011	65,011	65,011	65,011	65,011	65,011	65,011	65,011	65,011	65,011	65,011	65,011	65,011	
Engine 4	63,404	63,404	63,404	63,413	63,437	63,437	63,461	63,485	63,501	63,525	63,549	63,573	63,597	
Cumulative availability, %														
Engine 1	82%	77%	73%	71%	73%	69%	70%	72%	72%	73%	74%	75%	76%	
Engine 2	89%	83%	79%	76%	78%	74%	75%	76%	76%	77%	78%	78%	79%	
Engine 3	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Engine 4	90%	85%	80%	78%	79%	75%	76%	77%	77%	78%	79%	79%	80%	
Engine cumulative gross output														
Max cumulative capacity on	13,200	14,025	14,850	15,675	16,500	17,325	18,150	18,975	19,800	20,625	21,450	22,275	23,100	
Engine 1	11,816	11,816	11,816	12,317	13,155	13,155	13,990	14,827	15,642	16,473	17,310	18,128	18,966	
Engine 2	12,360	12,360	12,360	12,969	13,811	13,811	14,651	15,494	16,228	17,064	17,907	18,729	19,572	
Engine 3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Engine 4	12,060	12,060	12,060	12,588	13,429	13,429	14,268	15,109	15,945	16,779	17,621	18,442	19,283	
Cumulative capacity factor, %														
Engine 1	90%	84%	80%	79%	80%	76%	77%	78%	79%	80%	81%	81%	82%	
Engine 2	94%	88%	83%	83%	84%	80%	81%	82%	82%	83%	83%	84%	85%	
Engine 3	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Engine 4	91%	86%	81%	80%	81%	78%	79%	80%	81%	81%	82%	83%	83%	

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	
	2/16/2014	2/17/2014	2/18/2014	2/19/2014	2/20/2014	2/21/2014	2/22/2014	2/23/2014	2/24/2014	2/25/2014	2/26/2014	2/27/2014	2/28/2014	TOTAL
Cumulative by Facility in month														
Max cumulative available engir	1,536	1,632	1,728	1,824	1,920	2,016	2,112	2,208	2,304	2,400	2,496	2,592	2,688	
Actual cumulative engine run h	1,001	1,001	1,001	1,027	1,099	1,099	1,171	1,243	1,291	1,363	1,435	1,507	1,579	
Cumulative Availability, %	65.2%	61.3%	57.9%	56.3%	57.2%	54.5%	55.4%	56.3%	56.0%	56.8%	57.5%	58.1%	58.7%	
Max cumulative gross output, kV	1,267,200	1,346,400	1,425,600	1,504,800	1,584,000	1,663,200	1,742,400	1,821,600	1,900,800	1,980,000	2,059,200	2,138,400	2,217,600	
Actual cumulative gross output,	808,635	808,635	808,635	823,941	884,469	944,994	1,005,358	1,065,892	1,104,169	1,164,252	1,224,793	1,283,911	1,344,445	
Cumulative Capacity Factor	63.8%	60.1%	56.7%	54.8%	55.8%	56.8%	57.7%	58.5%	58.1%	58.8%	59.5%	60.0%	60.6%	
Cumulative fuel input, MMBtu H	10,496	10,496	10,496	10,700	11,433	12,176	12,906	13,661	14,080	14,843	15,612	16,374	17,140	
Cumulative gross output, kWhr	808,635	808,635	808,635	823,941	884,469	944,994	1,005,358	1,065,892	1,104,169	1,164,252	1,224,793	1,283,911	1,344,445	
Heat Rate														
Daily heat rate, Btu/kWe gross I	-	-	-	11,998	10,897	11,058	10,880	11,228	9,861	11,426	11,430	11,602	11,403	
Daily heat rate, Btu/kWe gross I	-	-	-	13,328	12,105	12,284	12,087	12,472	10,954	12,692	12,697	12,888	12,667	
Cumulative heat rate, Btu/kWe (	11,685	11,685	11,685	11,691	11,636	11,599	11,556	11,537	11,479	11,477	11,474	11,480	11,477	
Cumulative heat rate, Btu/kWe (	12,980	12,980	12,980	12,987	12,926	12,885	12,837	12,816	12,752	12,749	12,746	12,753	12,749	
Cumulative by Facility starting Ca														
Max cumulative available engir	4,320	4,416	4,512	4,608	4,704	4,800	4,896	4,992	5,088	5,184	5,280	5,376	5,472	
Actual cumulative engine run h	3,723	3,723	3,723	3,749	3,821	3,821	3,893	3,965	4,013	4,085	4,157	4,229	4,301	
Cumulative Availability, %	86.2%	84.3%	82.5%	81.4%	81.2%	79.6%	79.5%	79.4%	78.9%	78.8%	78.7%	78.7%	78.6%	
Max cumulative gross output, kV	3,564,000	3,643,200	3,722,400	3,801,600	3,880,800	3,960,000	4,039,200	4,118,400	4,197,600	4,276,800	4,356,000	4,435,200	4,514,400	
Actual cumulative gross output,	2,726,252	2,726,252	2,726,252	2,741,558	2,802,086	2,862,611	2,922,975	2,983,509	3,021,786	3,081,869	3,142,410	3,201,528	3,262,062	
Cumulative Capacity Factor	76.5%	74.8%	73.2%	72.1%	72.2%	72.3%	72.4%	72.4%	72.0%	72.1%	72.1%	72.2%	72.3%	
Cumulative fuel input, MMBtu H	33,938	33,938	33,938	34,142	34,875	35,618	36,348	37,103	37,522	38,285	39,053	39,815	40,582	
Cumulative gross output, kWhr	2,726,252	2,726,252	2,726,252	2,741,558	2,802,086	2,862,611	2,922,975	2,983,509	3,021,786	3,081,869	3,142,410	3,201,528	3,262,062	
Cumulative heat rate, Btu/kWe (	11,206	11,206	11,206	11,211	11,204	11,201	11,194	11,195	11,178	11,183	11,187	11,195	11,199	
Cumulative heat rate, Btu/kWe (	12,449	12,449	12,449	12,453	12,446	12,443	12,435	12,436	12,417	12,423	12,428	12,436	12,441	
Service														
Engine 1									NStar outage					
Engine 2									Substation coaxiale cable replacement					
Engine 3														
Engine 4														
Oil - oil and filter change														
Service - plugs, air filter, valve inspe														
Precipitation														
NSTAR Power Reports	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	
Date	2/16/2014	2/17/2014	2/18/2014	2/19/2014	2/20/2014	2/21/2014	2/22/2014	2/23/2014	2/24/2014	2/25/2014	2/26/2014	2/27/2014	2/28/2014	TOTAL
Hour														
1	-	-	-	-	2,458	2,455	2,452	2,452	2,453	2,470	2,472	2,470	2,470	
2	-	-	-	-	2,457	2,455	2,452	2,451	2,451	2,471	2,472	2,470	2,472	
3	-	-	-	-	2,457	2,455	2,454	2,452	2,453	2,473	2,472	2,471	2,470	
4	-	-	-	-	2,457	2,454	2,454	2,451	2,451	2,471	2,472	2,472	2,471	
5	-	-	-	-	2,456	2,455	2,454	2,453	2,453	2,472	2,474	2,470	2,472	
6	-	-	-	-	2,456	2,455	2,454	2,453	2,451	2,472	2,472	2,471	2,472	
7	-	-	-	-	2,457	2,455	2,454	2,454	2,452	2,474	2,472	2,471	2,473	
8	-	-	-	-	2,457	2,455	2,454	2,454	492	2,472	2,473	2,474	2,473	
9	-	-	-	-	2,452	2,449	2,453	2,455	-	2,472	2,472	2,462	2,465	
10	-	-	-	-	2,453	2,451	2,457	2,456	-	2,466	2,466	2,365	2,467	
11	-	-	-	-	2,451	2,451	2,452	2,453	-	2,467	2,467	1,757	2,466	
12	-	-	-	-	2,452	2,453	2,454	2,454	-	2,467	2,467	1,875	2,466	
13	-	-	-	-	2,451	2,452	2,452	2,452	-	2,392	2,464	2,470	2,468	
14	-	-	-	-	2,448	2,453	2,454	2,451	-	2,093	2,466	2,469	2,468	
15	-	-	-	-	2,453	2,457	2,452	2,453	-	2,469	2,470	2,467	2,468	
16	-	-	-	62	2,453	2,457	2,454	2,452	1,442	2,471	2,469	2,469	2,468	
17	-	-	-	416	2,455	2,456	2,454	2,451	2,475	2,470	2,469	2,471	2,471	
18	-	-	-	592	2,452	2,455	2,454	2,452	2,476	2,470	2,469	2,469	2,473	
19	-	-	-	585	2,453	2,453	2,453	2,451	2,473	2,471	2,471	2,471	2,472	
20	-	-	-	2,117	2,456	2,456	2,453	2,452	2,158	2,472	2,469	2,470	2,471	
21	-	-	-	2,461	2,454	2,453	2,451	2,451	2,438	2,471	2,470	2,470	2,472	
22	-	-	-	2,459	2,454	2,454	2,452	2,451	2,472	2,473	2,471	2,471	2,473	
23	-	-	-	2,458	2,454	2,452	2,453	2,451	1,674	2,472	2,471	2,469	2,474	
24	-	-	-	2,457	2,455	2,451	2,452	2,451	1,995	2,471	2,470	2,469	2,474	
TOTAL	-	-	-	13,607	58,901	58,892	58,878	58,856	37,259	58,842	59,280	57,863	59,289	
Cumulative Output Sold, kV	788,451	788,451	788,451	802,058	860,959	919,851	978,729	1,037,585	1,074,844	1,133,686	1,192,966	1,250,829	1,310,118	
Transformer and line efficienc	#DIV/0!	#DIV/0!	#DIV/0!	99.1%	99.7%	99.8%	100.0%	99.7%	99.9%	99.9%	99.9%	99.8%	99.9%	0.0%
Hourly average	-	-	-	567	2,454	2,454	2,453	2,452	1,552	2,452	2,470	2,411	2,470	1,950

MARCH 2014																
CNBE Daily Reports Summary Data										DST lose 1 hr						
	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	3/1/2014	3/2/2014	3/3/2014	3/4/2014	3/5/2014	3/6/2014	3/7/2014	3/8/2014	3/9/2014	3/10/2014	3/11/2014	3/12/2014	3/13/2014	3/14/2014	3/15/2014
Landfill Gas Flow to the Engines (KSCF)	1,407	1,389	1,351	1,387	1,381	1,402	1,372	1,415	1,306	1,350	1,413	1,365	1,374	1,384	1,223
Landfill Gas Flow to the Engines (MMBTU HHV	764	754	733	753	750	761	745	799	735	732	734	763	760	761	684
Landfill Gas Flow to the Flare (KSCF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Flow to the Flare (MMBTU HHV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Total Flow (KSCF)	1,407	1,389	1,351	1,387	1,381	1,402	1,372	1,415	1,306	1,350	1,413	1,365	1,374	1,384	1,223
Landfill Gas Total Flow (MMBTU HHV)	764	754	733	753	750	761	745	799	735	732	734	763	760	761	684
Average Methane Content (%)	53.6	53.6	53.6	53.6	53.6	53.6	53.6	55.8	55.6	53.6	51.3	55.2	54.6	54.3	55.3
Engine 1 Hours	24	24	24	24	24	24	24	24	23	23	24	24	24	24	11
Engine 2 Hours	24	24	24	24	24	24	24	24	23	24	24	24	24	23	24
Engine 3 Hours	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engine 4 Hours	24	24	24	24	24	24	24	24	23	21	24	24	24	24	24
Generator 1 Power Output (kWhr)	20,099	20,097	19,712	19,695	19,685	20,102	20,102	20,099	19,262	18,998	19,554	20,100	19,691	20,104	9,215
Generator 2 Power Output (kWhr)	20,218	20,217	19,830	19,807	19,790	20,209	20,211	20,210	19,363	20,007	19,555	19,983	19,105	18,954	20,210
Generator 3 Power Output (kWhr)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Generator 4 Power Output (kWhr)	20,190	20,188	19,799	19,778	19,772	20,194	20,192	20,197	19,351	17,065	18,941	19,723	19,515	20,196	20,206
Gross Power Output (kWhr)	60,551	60,557	59,376	59,311	59,277	60,538	60,546	60,535	58,005	56,090	58,091	59,827	58,336	59,279	49,595
Net Power Output (kWhr)	59,436	59,420	58,260	58,292	58,264	59,532	59,468	59,520	57,040	55,020	56,948	58,856	57,368	58,276	48,728
Power Sold as metered by NStar, (kWhr)	59,330	59,291	58,176	58,214	58,159	59,447	59,367	59,389	56,915	54,919	56,782	58,700	57,258	58,165	48,672
Offgrid RECs (kWhr)	1,115	1,137	1,116	1,017	1,015	1,005	1,078	1,016	964	1,071	1,142	972	967	1,004	866
Calculated Performance Results															
Daily															
Power output (kW average when running)															
Generator 1	837	837	821	821	820	838	838	837	837	826	815	838	820	838	838
Generator 2	842	842	826	825	825	842	842	842	842	834	815	833	796	824	842
Generator 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Generator 4	841	841	825	824	824	841	841	842	841	813	789	822	813	842	842
Power output (kW average over 24-hrs)															
Facility Gross	2,523	2,523	2,474	2,471	2,470	2,522	2,523	2,522	2,522	2,337	2,420	2,493	2,431	2,470	2,066
Facility Net	2,477	2,476	2,428	2,429	2,428	2,481	2,478	2,480	2,480	2,293	2,373	2,452	2,390	2,428	2,030
In-plant load	46	47	47	42	42	42	45	42	42	45	48	40	40	42	36
Daily availability factor															
Facility	75%	75%	75%	75%	75%	75%	75%	75%	72%	71%	75%	75%	75%	74%	61%
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	96%	96%	100%	100%	100%	100%	46%
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	100%	96%	100%
Engine 3	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Engine 4	100%	100%	100%	100%	100%	100%	100%	100%	96%	88%	100%	100%	100%	100%	100%
Daily capacity factor															
Facility	76%	76%	75%	75%	75%	76%	76%	76%	76%	71%	73%	76%	74%	75%	63%
Engine 1	102%	102%	100%	99%	99%	102%	102%	102%	102%	100%	99%	102%	99%	102%	102%
Engine 2	102%	102%	100%	100%	100%	102%	102%	102%	102%	101%	99%	101%	96%	100%	102%
Engine 3	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Engine 4	102%	102%	100%	100%	100%	102%	102%	102%	102%	98%	96%	100%	99%	102%	102%
Cumulative by engine															
Engine operating run hours in the month															
Max Cumulative Available, hours	24	48	72	96	120	144	168	192	215	239	263	287	311	335	359
Engine 1	24	48	72	96	120	144	168	192	215	238	262	286	310	334	345
Engine 2	24	48	72	96	120	144	168	192	215	239	263	287	311	334	358
Engine 3	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-
Engine 4	24	48	72	96	120	144	168	192	215	236	260	284	308	332	356
Engine operating run hours total from 0 hours															
Engine 1 (67,923)	67,947	67,971	67,995	68,019	68,043	68,067	68,091	68,115	68,138	68,161	68,185	68,209	68,233	68,257	68,268
Engine 2 (62,359)	62,383	62,407	62,431	62,455	62,479	62,503	62,527	62,551	62,574	62,598	62,622	62,646	62,670	62,693	62,717
Engine 3 (65,011)	65,011	65,011	65,011	65,011	65,011	65,011	65,011	65,011	65,011	65,011	65,011	65,011	65,011	65,011	65,011
Engine 4 (63,621)	63,645	63,669	63,693	63,717	63,741	63,765	63,789	63,813	63,836	63,857	63,881	63,905	63,929	63,953	63,977
Cumulative availability, % (March 1, 2014 @ 00:00 hours)															
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 3	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Engine 4	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	99%	99%	99%	99%	99%
Engine cumulative gross output, kWhr															
Max cumulative capacity one engine	825	1,650	2,475	3,300	4,125	4,950	5,775	6,600	7,425	8,250	9,075	9,900	10,725	11,550	12,375
Engine 1	837	1,675	2,496	3,317	4,137	4,975	5,812	6,650	7,487	8,313	9,128	9,965	10,786	11,623	12,461
Engine 2	842	1,685	2,511	3,336	4,161	5,003	5,845	6,687	7,529	8,363	9,177	10,010	10,806	11,630	12,472
Engine 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engine 4	841	1,682	2,507	3,331	4,155	4,997	5,838	6,680	7,521	8,334	9,123	9,945	10,758	11,599	12,441
Cumulative capacity factor, %															
Engine 1	102%	102%	101%	101%	100%	100%	101%	101%	101%	101%	101%	101%	101%	101%	101%
Engine 2	102%	102%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%
Engine 3	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Engine 4	102%	102%	101%	101%	101%	101%	101%	101%	101%	101%	101%	100%	100%	100%	101%

	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	3/1/2014	3/2/2014	3/3/2014	3/4/2014	3/5/2014	3/6/2014	3/7/2014	3/8/2014	3/9/2014	3/10/2014	3/11/2014	3/12/2014	3/13/2014	3/14/2014	3/15/2014
Cumulative by Facility in month															
Max cumulative available engine run hours	96	192	288	384	480	576	672	768	864	960	1,056	1,152	1,248	1,344	1,440
Actual cumulative engine run hours	72	144	216	288	360	432	504	576	645	713	785	857	929	1,000	1,059
Cumulative Availability, %	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	74.7%	74.3%	74.3%	74.4%	74.4%	74.4%	73.5%
Max cumulative gross output, kWhr	79,200	158,400	237,600	316,800	396,000	475,200	554,400	633,600	712,800	792,000	871,200	950,400	1,029,600	1,108,800	1,188,000
Actual cumulative gross output, kWhr	60,551	121,108	180,484	239,795	299,072	359,610	420,156	480,691	538,696	594,786	652,877	712,704	771,040	830,319	879,914
Cumulative Capacity Factor	76.5%	76.5%	76.0%	75.7%	75.5%	75.7%	75.8%	75.9%	75.6%	75.1%	74.9%	75.0%	74.9%	74.9%	74.1%
Cumulative fuel input, MMBtu HHV	764	1,518	2,251	3,004	3,754	4,515	5,260	6,059	6,793	7,525	8,260	9,023	9,782	10,543	11,227
Cumulative gross output, kWhr	60,551	121,108	180,484	239,795	299,072	359,610	420,156	480,691	538,696	594,786	652,877	712,704	771,040	830,319	879,914
Heat Rate															
Daily heat rate, Btu/kWe gross LHV	11,356	11,209	11,116	11,432	11,386	11,322	11,075	11,874	11,400	11,745	11,379	11,482	11,720	11,559	12,417
Daily heat rate, Btu/kWe gross HHV	12,615	12,452	12,348	12,699	12,648	12,577	12,303	13,191	12,664	13,047	12,641	12,755	13,019	12,841	13,794
Cumulative heat rate, Btu/kWe gross LHV	11,356	11,283	11,228	11,278	11,300	11,303	11,270	11,347	11,352	11,389	11,388	11,396	11,421	11,431	11,486
Cumulative heat rate, Btu/kWe gross HHV	12,615	12,533	12,473	12,529	12,552	12,557	12,520	12,604	12,611	12,652	12,651	12,660	12,687	12,698	12,760
Cumulative by Facility starting Calendar Year															
Max cumulative available engine run hours	5,568	5,664	5,760	5,856	5,952	6,048	6,144	6,240	6,336	6,432	6,528	6,624	6,720	6,816	6,912
Actual cumulative engine run hours	4,373	4,445	4,517	4,589	4,661	4,733	4,805	4,877	4,946	5,014	5,086	5,158	5,230	5,301	5,360
Cumulative Availability, %	78.5%	78.5%	78.4%	78.4%	78.3%	78.3%	78.2%	78.2%	78.1%	78.0%	77.9%	77.9%	77.8%	77.8%	77.5%
Max cumulative gross output, kWhr	4,593,600	4,672,800	4,752,000	4,831,200	4,910,400	4,989,600	5,068,800	5,148,000	5,227,200	5,306,400	5,385,600	5,464,800	5,544,000	5,623,200	5,702,400
Actual cumulative gross output, kWhr	3,322,613	3,383,170	3,442,546	3,501,857	3,561,134	3,621,672	3,682,218	3,742,753	3,800,758	3,856,848	3,914,939	3,974,766	4,033,102	4,092,381	4,141,976
Cumulative Capacity Factor	72.3%	72.4%	72.4%	72.5%	72.5%	72.6%	72.6%	72.7%	72.7%	72.7%	72.7%	72.7%	72.7%	72.8%	72.6%
Cumulative fuel input, MMBtu HHV	41,346	42,100	42,833	43,586	44,336	45,097	45,842	46,641	47,375	48,107	48,842	49,605	50,364	51,125	51,809
Cumulative gross output, kWhr	3,322,613	3,383,170	3,442,546	3,501,857	3,561,134	3,621,672	3,682,218	3,742,753	3,800,758	3,856,848	3,914,939	3,974,766	4,033,102	4,092,381	4,141,976
Cumulative heat rate, Btu/kWe gross LHV	11,202	11,202	11,201	11,204	11,207	11,209	11,207	11,218	11,221	11,228	11,231	11,234	11,241	11,246	11,260
Cumulative heat rate, Btu/kWe gross HHV	12,444	12,444	12,442	12,447	12,450	12,452	12,450	12,462	12,465	12,473	12,476	12,480	12,488	12,493	12,508
Service															
Engine 1															
Engine 2															
Engine 3															
Engine 4															
Oil - oil and filter change															
Service - plugs, air filter, valve inspection and adjustment															
Precipitation															
NSTAR Power Reports	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date	3/1/2014	3/2/2014	3/3/2014	3/4/2014	3/5/2014	3/6/2014	3/7/2014	3/8/2014	3/9/2014	3/10/2014	3/11/2014	3/12/2014	3/13/2014	3/14/2014	3/15/2014
Hour															
1	2,475	2,471	2,470	2,476	2,477	2,478	2,480	2,472	2,474	2,477	2,273	2,447	2,446	2,409	2,474
2	2,475	2,470	2,470	2,477	2,479	2,478	2,481	2,473	2,474	2,478	2,318	2,449	2,446	2,408	2,474
3	2,473	2,472	2,471	2,477	2,479	2,476	2,481	2,471	2,475	2,479	2,273	2,447	2,449	2,418	2,474
4	2,475	2,469	2,470	2,477	2,479	2,479	2,482	2,476	2,475	2,478	2,274	2,449	2,447	2,417	2,474
5	2,475	2,471	2,472	2,477	2,478	2,479	2,481	2,475	2,474	2,475	2,275	2,447	2,450	2,421	2,474
6	2,475	2,469	2,470	2,477	2,477	2,477	2,480	2,474	2,473	2,478	2,273	2,449	2,448	2,417	2,475
7	2,474	2,471	2,472	2,476	2,478	2,478	2,481	2,476	2,474	2,479	2,270	2,446	2,449	2,414	2,472
8	2,475	2,469	2,472	2,477	2,478	2,475	2,480	2,475	2,474	2,476	2,271	2,448	2,448	2,419	2,475
9	2,472	2,472	2,468	2,470	2,472	2,472	2,476	2,468	2,473	2,474	2,268	2,445	2,446	2,411	2,477
10	2,470	2,470	2,468	2,468	2,470	2,471	2,473	2,467	2,474	2,473	2,270	2,442	2,447	2,302	2,474
11	2,470	2,470	2,065	1,970	1,893	2,470	2,471	2,475	2,472	2,467	2,271	2,442	2,448	1,961	2,475
12	2,471	2,471	1,758	1,767	1,805	2,471	2,469	2,477	2,475	2,457	2,388	2,444	2,445	2,476	1,687
13	2,471	2,469	2,435	2,473	2,471	2,477	2,469	2,477	2,475	1,937	2,450	2,444	2,447	2,473	1,649
14	2,470	2,469	2,471	2,474	2,471	2,478	2,470	2,477	2,475	1,640	2,451	2,444	1,345	2,473	1,652
15	2,470	2,471	2,472	2,474	2,473	2,479	2,469	2,477	2,476	1,664	2,451	2,444	2,331	2,474	1,653
16	2,470	2,470	2,471	2,476	2,473	2,479	2,468	2,475	2,475	1,367	2,445	2,444	2,372	2,473	1,652
17	2,471	2,470	2,475	2,478	2,475	2,476	2,469	2,476	2,474	2,188	2,445	2,447	2,448	2,477	1,652
18	2,473	2,470	2,473	2,478	2,476	2,480	2,467	2,475	2,475	2,447	2,444	2,447	2,449	2,475	1,644
19	2,470	2,471	2,474	2,479	2,475	2,477	2,469	2,476	2,476	2,442	2,445	2,446	2,443	2,475	1,645
20	2,470	2,472	2,476	2,479	2,475	2,478	2,472	2,476	2,475	2,368	2,445	2,446	2,431	2,474	1,644
21	2,473	2,471	2,475	2,479	2,477	2,480	2,469	2,475	2,474	2,322	2,444	2,446	2,418	2,475	1,643
22	2,471	2,471	2,475	2,479	2,474	2,480	2,468	2,475	2,476	2,308	2,445	2,446	2,400	2,475	1,645
23	2,470	2,471	2,475	2,478	2,476	2,480	2,471	2,475	2,477	2,273	2,446	2,446	2,400	2,474	1,645
24	2,471	2,471	2,478	2,478	2,478	2,479	2,471	2,476	-	2,272	2,447	2,445	2,405	2,474	1,643
TOTAL	59,330	59,291	58,176	58,214	58,159	59,447	59,367	59,389	56,915	54,919	56,782	58,700	57,258	58,165	48,672
Cumulative Output Sold, kWhr	59,330	118,621	176,797	235,011	293,170	352,617	411,984	471,373	528,288	583,207	639,989	698,689	755,947	814,112	862,784
Transformer and line efficiency	99.8%	99.8%	99.9%	99.9%	99.8%	99.9%	99.8%	99.8%	99.8%	99.8%	99.7%	99.7%	99.8%	99.8%	99.9%
Hourly average	2,472	2,470	2,424	2,426	2,423	2,477	2,474	2,475	2,371	2,288	2,366	2,446	2,386	2,424	2,028

MARCH 2014																	
CNBE Daily Reports Summary Data																	
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Corrected
	3/16/2014	3/17/2014	3/18/2014	3/19/2014	3/20/2014	3/21/2014	3/22/2014	3/23/2014	3/24/2014	3/25/2014	3/26/2014	3/27/2014	3/28/2014	3/29/2014	3/30/2014	3/31/2014	TOTAL
Landfill Gas Flow to the Engines (KS	1,150	1,217	1,379	1,524	1,524	1,558	1,546	1,533	1,532	1,580	1,599	1,607	1,601	1,592	1,485	1,464	44,411
Landfill Gas Flow to the Engines (M	614	671	763	810	796	807	809	796	792	818	829	799	808	798	794	768	23,699
Landfill Gas Flow to the Flare (KSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Flow to the Flare (MME	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Total Flow (KSCF)	1,150	1,217	1,379	1,524	1,524	1,558	1,546	1,533	1,532	1,580	1,599	1,607	1,601	1,592	1,485	1,464	44,411
Landfill Gas Total Flow (MMBTU HH	614	671	763	810	796	807	809	796	792	818	829	799	808	798	794	768	23,699
Average Methane Content (%)	52.8	54.5	54.7	52.5	51.6	51.2	51.7	51.3	51.1	51.1	51.2	49.2	49.8	49.5	52.9	51.9	52.7
Engine 1 Hours	-	7	24	24	24	24	24	24	24	24	24	24	24	24	24	24	688
Engine 2 Hours	24	24	24	23	24	24	24	24	24	24	24	24	24	24	24	24	741
Engine 3 Hours	-	-	-	15	24	24	24	24	23	24	24	24	24	24	24	24	302
Engine 4 Hours	24	24	24	24	24	24	24	23	24	24	24	23	24	24	24	24	738
Generator 1 Power Output (kWhr)	-	5,054	20,101	17,891	15,526	15,528	15,529	15,527	15,554	15,530	15,427	14,471	14,355	14,356	14,353	14,358	510,075
Generator 2 Power Output (kWhr)	20,215	20,211	19,409	18,420	17,768	16,786	16,620	15,612	17,237	18,431	18,291	17,773	19,167	19,025	18,546	17,189	588,369
Generator 3 Power Output (kWhr)	-	-	-	10,211	17,970	17,710	17,145	16,782	14,708	16,168	18,231	17,651	18,016	18,147	17,669	16,198	216,606
Generator 4 Power Output (kWhr)	20,216	20,209	20,202	18,993	16,917	15,584	16,250	16,747	16,432	16,776	16,349	15,221	14,825	14,397	14,399	14,399	563,223
Gross Power Output (kWhr)	40,331	45,423	59,736	65,512	68,156	65,585	65,526	64,646	63,914	66,876	68,258	65,090	66,330	65,891	64,941	62,131	1,878,260
Net Power Output (kWhr)	39,516	44,532	58,620	64,180	66,736	64,184	64,132	63,256	62,488	65,456	66,788	63,616	64,904	64,472	63,540	60,736	1,841,584
Power Sold as metered by NStar, (k	39,504	44,464	58,507	64,051	66,603	64,070	64,021	63,167	62,398	65,346	66,702	63,502	64,765	64,339	63,434	60,631	1,838,288
Offgrid RECs (kWhr)	815	892	1,115	1,333	1,420	1,403	1,393	1,389	1,427	1,420	1,470	1,474	1,426	1,419	1,401	1,395	36,677
Calculated Performance Results																	
Daily																	
Power output (kW average whe																	
Generator 1	-	722	838	745	647	647	647	647	648	647	643	603	598	598	598	598	
Generator 2	842	842	809	801	740	699	693	651	718	768	762	741	799	793	773	716	
Generator 3	-	-	-	681	749	738	714	699	639	674	760	735	751	756	736	675	
Generator 4	842	842	842	791	705	649	677	728	685	699	681	662	618	600	600	600	
Power output (kW average over																	
Facility Gross	1,680	1,893	2,489	2,730	2,840	2,733	2,730	2,694	2,663	2,787	2,844	2,712	2,764	2,745	2,706	2,589	
Facility Net	1,647	1,856	2,443	2,674	2,781	2,674	2,672	2,636	2,604	2,727	2,783	2,651	2,704	2,686	2,648	2,531	
In-plant load	34	37	47	56	59	58	58	58	59	59	61	61	59	59	58	58	
Daily availability factor																	
Facility	50%	57%	75%	90%	100%	100%	100%	99%	99%	100%	100%	99%	100%	100%	100%	100%	
Engine 1	0%	29%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 2	100%	100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 3	0%	0%	0%	63%	100%	100%	100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	
Engine 4	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	96%	100%	100%	100%	100%	
Daily capacity factor																	
Facility	51%	57%	75%	83%	86%	83%	83%	82%	81%	84%	86%	82%	84%	83%	82%	78%	
Engine 1	0%	88%	102%	90%	78%	78%	78%	78%	79%	78%	78%	73%	73%	73%	72%	73%	
Engine 2	102%	102%	98%	97%	90%	85%	84%	79%	87%	93%	92%	90%	97%	96%	94%	87%	
Engine 3	0%	0%	0%	83%	91%	89%	87%	85%	78%	82%	92%	89%	91%	92%	89%	82%	
Engine 4	102%	102%	102%	96%	85%	79%	82%	88%	83%	85%	83%	80%	75%	73%	73%	73%	
Cumulative by engine																	
Engine operating run hours in th																	
Max Cumulative Available, H	383	407	431	455	479	503	527	551	575	599	623	647	671	695	719	743	
Engine 1	345	352	376	400	424	448	472	496	520	544	568	592	616	640	664	640	
Engine 2	382	406	430	453	477	501	525	549	573	597	621	645	669	693	717	693	
Engine 3	-	-	0	15	39	63	87	111	134	158	182	206	230	254	278	254	
Engine 4	380	404	428	452	476	500	524	547	571	595	619	642	666	690	714	690	
Engine operating run hours tota																	
Engine 1	68,268	68,275	68,299	68,323	68,347	68,371	68,395	68,419	68,443	68,467	68,491	68,515	68,539	68,563	68,587	68,563	
Engine 2	62,741	62,765	62,789	62,812	62,836	62,860	62,884	62,908	62,932	62,956	62,980	63,004	63,028	63,052	63,076	63,052	
Engine 3	65,011	65,011	65,011	65,026	65,050	65,074	65,098	65,122	65,145	65,169	65,193	65,217	65,241	65,265	65,289	65,265	
Engine 4	64,001	64,025	64,049	64,073	64,097	64,121	64,145	64,168	64,192	64,216	64,240	64,263	64,287	64,311	64,335	64,311	
Cumulative availability, %																	
Engine 1	90%	86%	87%	88%	89%	89%	90%	90%	90%	91%	91%	91%	92%	92%	92%	86%	
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	93%	
Engine 3	0%	0%	0%	3%	8%	13%	17%	20%	23%	26%	29%	32%	34%	37%	39%	34%	
Engine 4	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	93%	
Engine cumulative gross output																	
Max cumulative capacity on	13,200	14,025	14,850	15,675	16,500	17,325	18,150	18,975	19,800	20,625	21,450	22,275	23,100	23,925	24,750	23,925	
Engine 1	12,461	13,183	14,021	14,766	15,413	16,060	16,707	17,354	18,002	18,649	19,292	19,895	20,493	21,091	21,689	21,091	
Engine 2	13,315	14,157	14,965	15,766	16,507	17,206	17,899	18,549	19,267	20,035	20,797	21,538	22,336	23,129	23,902	23,053	
Engine 3	-	-	-	681	1,429	2,167	2,882	3,581	4,221	4,894	5,654	6,389	7,140	7,896	8,632	7,815	
Engine 4	13,283	14,125	14,967	15,759	16,463	17,113	17,790	18,518	19,203	19,902	20,583	21,245	21,862	22,462	23,062	22,462	
Cumulative capacity factor, %																	
Engine 1	94%	94%	94%	94%	93%	93%	92%	91%	91%	90%	90%	89%	89%	88%	88%	88%	
Engine 2	101%	101%	101%	101%	100%	99%	99%	98%	97%	97%	97%	97%	97%	97%	97%	96%	
Engine 3	0%	0%	0%	4%	9%	13%	16%	19%	21%	24%	26%	29%	31%	33%	35%	33%	
Engine 4	101%	101%	101%	101%	100%	99%	98%	98%	97%	96%	96%	95%	95%	94%	93%	94%	

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	
	3/16/2014	3/17/2014	3/18/2014	3/19/2014	3/20/2014	3/21/2014	3/22/2014	3/23/2014	3/24/2014	3/25/2014	3/26/2014	3/27/2014	3/28/2014	3/29/2014	3/30/2014	3/31/2014	TOTAL
Cumulative by Facility in month																	
Max cumulative available engir	1,536	1,632	1,728	1,824	1,920	2,016	2,112	2,208	2,304	2,400	2,496	2,592	2,688	2,784	2,880	2,784	
Actual cumulative engine run h	1,107	1,162	1,234	1,320	1,416	1,512	1,608	1,703	1,798	1,894	1,990	2,085	2,181	2,277	2,373	2,277	
Cumulative Availability, %	72.1%	71.2%	71.4%	72.4%	73.8%	75.0%	76.1%	77.1%	78.0%	78.9%	79.7%	80.4%	81.1%	81.8%	82.4%	81.8%	
Max cumulative gross output, kV	1,267,200	1,346,400	1,425,600	1,504,800	1,584,000	1,663,200	1,742,400	1,821,600	1,900,800	1,980,000	2,059,200	2,138,400	2,217,600	2,296,800	2,376,000	2,296,800	
Actual cumulative gross output,	920,245	965,668	1,025,404	1,090,916	1,159,072	1,224,657	1,290,183	1,354,829	1,418,743	1,485,619	1,553,877	1,618,967	1,685,297	1,751,188	1,816,129	1,747,428	
Cumulative Capacity Factor	72.6%	71.7%	71.9%	72.5%	73.2%	73.6%	74.0%	74.4%	74.6%	75.0%	75.5%	75.7%	76.0%	76.2%	76.4%	76.1%	
Cumulative fuel input, MMBtu H	11,958	12,629	13,393	14,203	14,998	15,805	16,613	17,409	18,202	19,019	19,848	20,647	21,455	22,253	23,047	22,223	
Cumulative gross output, kWhr	920,245	965,668	1,025,404	1,090,916	1,159,072	1,224,657	1,290,183	1,354,829	1,418,743	1,485,619	1,553,877	1,618,967	1,685,297	1,751,188	1,816,129	1,747,428	
Heat Rate																	
Daily heat rate, Btu/kWe gross l	13,711	13,294	11,503	11,130	10,508	11,074	11,107	11,083	11,159	11,005	10,930	11,054	10,960	10,902	11,012	11,127	
Daily heat rate, Btu/kWe gross I	15,231	14,768	12,778	12,364	11,673	12,302	12,339	12,312	12,396	12,226	12,142	12,280	12,175	12,111	12,233	12,361	
Cumulative heat rate, Btu/kWe (	11,698	11,773	11,757	11,720	11,648	11,618	11,592	11,567	11,549	11,525	11,498	11,481	11,460	11,439	11,424	11,448	
Cumulative heat rate, Btu/kWe (	12,995	13,078	13,061	13,019	12,940	12,906	12,877	12,850	12,829	12,802	12,773	12,753	12,731	12,707	12,690	12,717	
Cumulative by Facility starting Ca																	
Max cumulative available engir	7,008	7,104	7,200	7,296	7,392	7,488	7,584	7,680	7,776	7,872	7,968	8,064	8,160	8,256	8,352	8,256	
Actual cumulative engine run h	5,408	5,463	5,535	5,621	5,717	5,813	5,909	6,004	6,099	6,195	6,291	6,386	6,482	6,578	6,674	6,578	
Cumulative Availability, %	77.2%	76.9%	76.9%	77.0%	77.3%	77.6%	77.9%	78.2%	78.4%	78.7%	79.0%	79.2%	79.4%	79.7%	79.9%	79.7%	
Max cumulative gross output, kV	5,781,600	5,860,800	5,940,000	6,019,200	6,098,400	6,177,600	6,256,800	6,336,000	6,415,200	6,494,400	6,573,600	6,652,800	6,732,000	6,811,200	6,890,400	6,811,200	
Actual cumulative gross output,	4,182,307	4,227,730	4,287,466	4,352,978	4,421,134	4,486,719	4,552,245	4,616,891	4,680,805	4,747,681	4,815,939	4,881,029	4,947,359	5,013,250	5,078,191	5,009,490	
Cumulative Capacity Factor	72.3%	72.1%	72.2%	72.3%	72.5%	72.6%	72.8%	72.9%	73.0%	73.1%	73.3%	73.4%	73.5%	73.6%	73.7%	73.5%	
Cumulative fuel input, MMBtu H	52,540	53,211	53,975	54,785	55,580	56,387	57,195	57,991	58,784	59,601	60,430	61,229	62,037	62,835	63,629	62,805	
Cumulative gross output, kWhr	4,182,307	4,227,730	4,287,466	4,352,978	4,421,134	4,486,719	4,552,245	4,616,891	4,680,805	4,747,681	4,815,939	4,881,029	4,947,359	5,013,250	5,078,191	5,009,490	
Cumulative heat rate, Btu/kWe (	11,309	11,330	11,333	11,329	11,317	11,313	11,310	11,307	11,305	11,301	11,296	11,292	11,288	11,283	11,279	11,286	
Cumulative heat rate, Btu/kWe (	12,563	12,586	12,589	12,586	12,571	12,568	12,564	12,561	12,558	12,554	12,548	12,544	12,539	12,534	12,530	12,537	
Service																	
Engine 1																	
Engine 2																	
Engine 3																	
Engine 4																	
Oil - oil and filter change																	
Service - plugs, air filter, valve inspe																	
Precipitation																	
NSTAR Power Reports	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	
Date	3/16/2014	3/17/2014	3/18/2014	3/19/2014	3/20/2014	3/21/2014	3/22/2014	3/23/2014	3/24/2014	3/25/2014	3/26/2014	3/27/2014	3/28/2014	3/29/2014	3/30/2014	3/31/2014	TOTAL
Hour																	
1	1,645	1,647	2,477	2,472	2,801	2,682	2,632	2,606	2,588	2,632	2,828	2,630	2,679	2,698	2,749	2,604	
2	1,642	1,648	2,476	2,474	2,802	2,683	2,631	2,633	2,582	2,633	2,828	2,629	2,679	2,697	2,749	2,604	
3	1,644	1,646	2,477	2,473	2,803	2,680	2,633	2,632	2,582	2,633	2,827	2,629	2,678	2,696	2,748	2,605	
4	1,643	1,648	2,478	2,473	2,804	2,681	2,650	2,632	2,581	2,633	2,827	2,629	2,680	2,697	2,751	2,604	
5	1,644	1,645	2,477	2,471	2,803	2,681	2,681	2,632	2,580	2,635	2,829	2,629	2,681	2,619	2,749	2,604	
6	1,643	1,649	2,476	2,472	2,803	2,681	2,682	2,633	2,582	2,634	2,829	2,626	2,681	2,635	2,748	2,603	
7	1,645	1,646	2,476	2,473	2,806	2,682	2,682	2,633	2,580	2,633	2,828	2,629	2,680	2,656	2,628	2,605	
8	1,644	1,649	2,478	2,469	2,805	2,681	2,681	2,633	2,582	2,635	2,829	2,627	2,679	2,655	2,608	2,604	
9	1,645	1,647	2,074	2,466	2,858	2,676	2,681	2,632	2,578	2,631	2,825	2,582	2,676	2,652	2,609	2,502	
10	1,644	1,645	2,468	2,666	2,870	2,676	2,682	2,632	2,470	2,631	2,823	2,434	2,678	2,654	2,607	2,483	
11	1,645	1,644	2,470	2,656	2,836	2,678	2,682	2,634	2,627	2,629	2,823	2,577	2,701	2,609	2,607	2,485	
12	1,649	1,644	2,466	2,610	2,822	2,678	2,701	2,634	2,531	2,677	2,823	2,723	2,700	2,607	2,608	2,485	
13	1,649	1,643	2,469	2,894	2,822	2,678	2,730	2,634	2,211	2,675	2,823	2,693	2,702	2,608	2,608	2,484	
14	1,649	1,643	2,465	2,887	2,822	2,679	2,732	2,634	2,652	2,678	2,822	2,677	2,704	2,650	2,608	2,486	
15	1,648	1,645	2,464	2,851	2,737	2,678	2,731	2,635	2,727	2,851	2,818	2,677	2,745	2,656	2,607	2,484	
16	1,646	1,642	2,463	2,830	2,730	2,682	2,729	2,635	2,726	2,890	2,795	2,678	2,746	2,658	2,606	2,488	
17	1,647	1,642	2,097	2,803	2,730	2,682	2,729	2,634	2,697	2,828	2,776	2,681	2,747	2,668	2,608	2,488	
18	1,648	1,784	2,446	2,803	2,730	2,680	2,683	2,636	2,679	2,827	2,739	2,678	2,745	2,749	2,606	2,487	
19	1,648	2,330	2,469	2,803	2,729	2,670	2,675	2,634	2,681	2,827	2,721	2,681	2,698	2,746	2,606	2,489	
20	1,647	2,474	2,466	2,800	2,729	2,632	2,631	2,634	2,636	2,828	2,678	2,678	2,698	2,747	2,606	2,487	
21	1,648	2,475	2,468	2,801	2,719	2,632	2,614	2,633	2,632	2,827	2,676	2,678	2,696	2,746	2,604	2,488	
22	1,646	2,475	2,469	2,802	2,681	2,633	2,584	2,632	2,631	2,825	2,676	2,678	2,698	2,744	2,604	2,489	
23	1,648	2,476	2,468	2,801	2,680	2,633	2,582	2,630	2,631	2,826	2,629	2,679	2,698	2,746	2,606	2,486	
24	1,647	2,477	2,470	2,801	2,681	2,632	2,583	2,630	2,632	2,828	2,630	2,680	2,696	2,746	2,604	2,487	
TOTAL	39,504	44,464	58,507	64,051	66,603	64,070	64,021	63,167	62,398	65,346	66,702	63,502	64,765	64,339	63,434	60,631	
Cumulative Output Sold, kW	902,288	946,752	1,005,259	1,069,310	1,135,913	1,199,983	1,264,004	1,327,171	1,389,569	1,454,915	1,521,617	1,585,119	1,649,884	1,714,223	1,777,657	1,838,288	
Transformer and line efficienc	100.0%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.9%	99.9%	99.8%	99.9%	99.8%	99.8%	99.8%	99.8%	99.8%	0.0%
Hourly average	1,646	1,853	2,438	2,669	2,775	2,670	2,668	2,632	2,600	2,723	2,779	2,646	2,699	2,681	2,643	2,526	2,471

Exhibit 6

Calibration records for the LFG flow rate and methane content

Landfill Gas Flow Calculation

Crapo Hill Landfill, New Bedford/Dartmouth, Massachusetts

Note: Calculation of volumetric flow of LFG through a pipe using a pitot tube and manometer.

		Engine 1, kW	650	840	820	
		Engine 2, kW	650	840	800	
		Engine 3, kW	720	-	-	
		Engine 4, kW	730	840	810	
		Gross, kW	2,750	2,520	2,430	
MEASURING INSTRUMENT:		Pitot Tube:	166	166	166	
		Manometer:	Dwyer Mark II	Dwyer Mark II	Dwyer Mark II	
DATE OF MEASUREMENT:			15-Jan-14	6-Feb-14	13-Mar-14	
TIME OF MEASUREMENT:			**13:45**	**11:45**	**12:15**	
PARAMETERS		UNITS	VALUES	VALUES	VALUES	
Pipe dimensions						
Inside Diameter		inches	**10.420**	**10.420**	**10.420**	
Area of cross section		square feet	0.5922	0.5922	0.5922	
Flow Calculation						
Kp	pitot tube constant	ft/sec[(lb/lb-mole)(in. Hg)/(R)(in H20)]^1/2	85.49	85.49	85.49	
Cp	Pitot tube coefficient	dimensionless	1.00	1.00	1.00	
dP	Average velocity pressure of stack gas	in H20	**0.242**	**0.212**	**0.219**	
Blower Inlet						
Ts	Stack temperature	Degrees Fahrenheit	**58**	**55**	**56**	
		Degrees Rankine	518	515	516	
Pg	Stack static pressure	inch H20	-59	-60	-60	
		inch Hg	(4.34)	(4.41)	(4.41)	
Ps	Absolute stack gas pressure	inch Hg	25.61	25.65	24.85	
Blower Outlet						
Ts	Stack temperature	Degrees Fahrenheit	**121**	**110**	**110**	
		Degrees Rankine	581	570	570	
Pg	Stack static pressure	inch H20	55.4	55.4	55.4	
		inch Hg	4.07	4.07	4.07	
		psig	2.00	2.00	2.00	
Pbar	Barometric pressure	inch Hg	**29.95**	**30.06**	**29.26**	
Ps	Absolute stack gas pressure	inch Hg	34.02	34.13	33.33	
Ms	Molecular weight of stack gas, wet	lb/lb-mole	28.13	28.27	28.10	
Vs	Average stack gas velocity	feet per second	35.7	33.2	34.4	
Qact	Volumetric Flow	actual cubic feet per minute	1,268	1,179	1,222	
Qstd	**Volumetric Flow at actual methane content**	**standard cubic feet per minute ***	**1,106**	**1,036**	**1,038**	
Qstd corr	Volumetric Flow at 50% methane	standard cubic feet per minute **	1,146	1,090	1,132	
Ht HHV	Heat input	MMBtu per hour HHV	34.79	33.10	34.36	
Ht LHV	Heat input	MMBtu per hour LHV	31.31	29.80	30.93	
	Methane Content	%, vol/vol wet	51.80%	52.60%	54.50%	
Diff. between pitot tube and orifice reading:			1.5%	0.1%	0.2%	
dP	Delta pressure across orifice plate	inches H20	**9.30**	**8.20**	**8.60**	
Qact	Volumetric Flow	acfm	1,054	980	1,004	
Qstd	**Volumetric Flow at actual methane content**	**standard cubic feet per minute ***	**1,089**	**1,036**	**1,036**	
Qstd	Volumetric Flow at 50% methane	standard cubic feet per minute **	1,128	1,090	1,129	
Ht HHV	Heat input	MMBtu per hour HHV	34.25	33.08	34.28	
Ht LHV	Heat input	MMBtu per hour LHV	30.83	29.78	30.86	

* Standard conditions are corrected to 68 degrees F and 29.92 in Hg at actual methane content.

** Standard conditions corrected to 50 % methane content.

Input values are in blue or bold.

Calculated output values are in black or not bold.

Calculation Formulas:

Vs = Kp*Cp*(sqrt dP) * sqrt (Ts/(Ps*Ms))

Qact = Vs * A * 60

Qstd = Qact * Tstd/ Ts * Ps/Pstd

Flow, ACFM = 96.3221*SQRT(dP)*SQRT((460+Temperature)/(2.703*(Pressure +14.7)))

Conversions and constants

13.5958 in H2O/in Hg

1 PSI = 2.036 in HG

1 PSI = 27.68 in WG

Tstd = 528 degrees R

Pstd = 29.92 in Hg

Methane heat content = 1,012 BTU per scf HHV

Methane heat content = 911 BTU per scf LHV

Landfill Gas Flow Measurements			
Crapo Hill Landfill, New Bedford/Dartmouth, Massachusetts			
Measurements by	TY/RB	TY/RB	TY/RB
Date	15-Jan-14	6-Feb-14	13-Mar-14
Time	13:45	11:45	12:15
Flow valve			
Pipe inside diameter, inches	10.42	10.42	10.42
Orifice measurement, cfm	NA	NA	NA
Ambient Temperature, F	48	26	32
Barometric Pressure, In Hg	29.95	30.06	29.26
Blower Inlet Temperature, F	58	55	56
Outlet Temperature, F	121	110	110
Blower Inlet Pressure (SP), In H20	-59	-60	-60
Blower Outlet Pressure, PSIG	2.0	2.0	2.0
Blower Outlet Pressure, In H20	55.36	55.36	55.36
Measurement			
Manometer			
Pitot Tube			
Velocity Pressure (dP)			
Point			
1	0.21	0.20	0.21
2	0.24	0.20	0.21
3	0.24	0.21	0.22
4	0.24	0.21	0.22
5	0.25	0.21	0.22
6	0.25	0.22	0.23
7	0.25	0.22	0.22
8	0.25	0.22	0.22
9	0.25	0.22	0.22
Average	0.242	0.212	0.219
Gas Composition			
Compound, %v/v			
Methane (CH4)	51.8%	52.6%	54.5%
Carbon dioxide (CO2)	40.5%	42.0%	42.4%
Oxygen (O2)	1.09%	0.40%	0.10%
Balance gas	6.56%	5.00%	3.00%
Total	100.0%	100.0%	100.0%
Moisture (H20) (included in balance gas)	1.6%	1.5%	1.5%
Molecular weight, lb/lb-mole wet	28.13	28.27	28.10

CommonWealth New Bedford Energy, LLC
Greater New Bedford LFG Utilization Project
300 Samuel Barnett Blvd.
New Bedford, Massachusetts
(508) 985-0923

'California Analytical' Analyzer Calibration Results

Month: January 2014		**Methane (% v/v) measurements**							**Oxygen (% v/v) measurements**			
Week	Date	LFG Temp @ blower inlet	Cal Gas dry	Cal Gas wet	Pre-calibration	Zero gas	Span gas	Post-calibration	Pre-calibration	Zero gas	Span gas	Post-calibration
12/29/13	1/3/14	57 Deg F	55%	54.67%	51.35%	0.01%	54.65%	51.30%	1.16%	0.01%	9.50%	1.18%
1/5/14	1/9/14	56 Deg F	55%	54.67%	50.70%	0.09%	57.21%	50.24%	1.20%	-0.03%	9.61%	1.23%
1/12/14	1/15/14	59 Deg F	55%	54.65%	50.67%	0.02%	55.65%	50.45%	1.18%	0.00%	9.57%	1.20%
1/19/14	1/23/14	59 Deg F	55%	54.65%	49.20%	0.01%	54.56%	48.91%	1.20%	-0.01%	9.48%	1.21%
1/26/14	1/30/14	59 Deg F	55%	54.65%	51.26%	0.01%	54.63%	51.15%	1.35%	0.00%	9.52%	1.38%

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'California Analytical' Analyzer Calibration Results

Month: February 2014		**Methane (% v/v) measurements**							**Oxygen (% v/v) measurements**			
Week	Date	LFG Temp @ blower inlet	Cal Gas dry	Cal Gas wet	Pre-calibration	Zero gas	Span gas	Post-calibration	Pre-calibration	Zero gas	Span gas	Post-calibration
2/2/14	2/6/14	54 Deg F	55%	54.71%	53.92%	0.02%	55.20%	53.95%	0.42%	-0.01%	9.52%	0.49%
2/9/14	2/13/14	53 Deg F	55%	54.72%	51.82%	0.01%	55.67%	51.89%	1.02%	0.01%	9.55%	1.09%
2/16/14	2/20/14	52 Deg F	55%	54.73%	51.72%	0.02%	55.60%	51.75%	1.12%	0.02%	9.65%	1.18%
2/23/14	2/28/14	54 Deg F	55%	54.71%	52.81%	0.08%	61.78%	52.95%	0.94%	-0.05%	10.43%	1.03%

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'California Analytical' Analyzer Calibration Results

Month: March 2014		**Methane (% v/v) measurements**							**Oxygen (% v/v) measurements**			
Week	Date	LFG Temp @ blower inlet	Cal Gas dry	Cal Gas wet	Pre-calibration	Zero gas	Span gas	Post-calibration	Pre-calibration	Zero gas	Span gas	Post-calibration
3/2/14	3/5/14	54 Deg F	55%	54.71%	53.96%	0.01%	55.65%	53.94%	0.62%	0.01%	9.55%	0.65%
3/9/14	3/12/14	53 Deg F	55%	54.72%	53.85%	-0.01%	54.53%	53.82%	0.57%	0.00%	9.45%	0.55%
3/16/14	3/21/14	55 Deg F	55%	54.70%	49.95%	-0.03%	54.12%	49.80%	1.74%	0.00%	9.23%	1.70%
3/23/14	3/27/14	56 Deg F	55%	54.69%	48.38%	0.01%	54.25%	48.32%	2.04%	0.01%	9.32%	2.06%
3/30/14	4/4/14	56 Deg F	55%	54.69%	50.15%	-0.02%	52.73%	49.82%	1.35%	0.00%	9.29%	1.35%

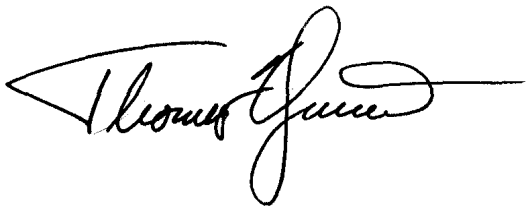
Attestation Statement

As an officer of CommonWealth New Bedford Energy LLC (CNBE) I hereby certify that the verified carbon units (VCUs) verified under the verified carbon standard (VCS) for the first quarter of 2014 from the Project Activity will be registered on the Markit Environmental Registry (formerly TZ1) only, which is an accredited VCS register.

Thomas Yeransian
Name

Principal of CommonWealth Resource Management Corporation, Member of CommonWealth New Bedford Energy LLC

Title



May 27, 2014

Signature Date