

MONITORING REPORT #2014-2 FOR THE GREATER NEW BEDFORD LFG UTILIZATION PROJECT DARTMOUTH, MASSACHUSETTS

FOR VERIFICATION PERIOD
APRIL 1, 2014 THROUGH DECEMBER 31, 2014

MARCH 24, 2015

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For it's wholly-owned subsidiary
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Project Title	Greater New Bedford LFG Utilization Project
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Table of Contents

1.0	Project Details
2.0	Implementation Status
3.0	Data and Parameters
4.0	Quantification of GHG Emission Reductions and Removals
Appendix A: Exhibits 1 through 7	

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 74,554 metric tons of CO₂e for the verification period April 1, 2014 through December 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
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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 totalized 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 employs 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.

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 April 1, 2014 through December 31, 2014.
2. Exhibit 2 provides LFG totalizer readings, and methane content readings for the period from April 1, 2014 through December 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 April 1, 2014 through December 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 VCU 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-Apr-14
End date			31-Dec-14
Methane delivered	scf		200,806,131
Emission Reductions	metric tons CO2e		79,478
Flaring			
Start date			1-Apr-14
End date			31-Dec-14
Methane delivered	scf		-
Emission Reductions	metric tons CO2e		-
Subtotal			
Methane delivered	scf		200,806,131
Emission Reductions	metric tons CO2e		79,478
District Initial System			
Methane delivered	scf		12,440,682
Emission Reductions	metric tons CO2e		4,924
Total			
Emission Reductions eligible under VCS program	metric tons CO2e		74,554

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					Calculation of Verified Emission Reduction in CO2 equivalent tons per the following:					
Pounds to metric ton				2,205					Verification Process: UNFCCC's CDM methodology ACM0001 (Version 9.1)					
Gas constant, scf per lb-mole				385					Standard of Verification: Verified Carbon Standard Version 3, March 25, 2015, v3.5					
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 cumulative	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-Apr-14													
1-Apr-14	30-Apr-14	22,272	-	22,272	22,008,103	22,008,103	415	415	100.0%	415	415	21	8,711	8,711
1-May-14	31-May-14	44,703	22,272	22,431	22,164,625	44,172,727	418	833	100.0%	418	833	21	8,773	17,483
1-Jun-14	30-Jun-14	66,377	44,703	21,674	21,416,798	65,589,526	404	1,236	100.0%	404	1,236	21	8,477	25,960
1-Jul-14	31-Jul-14	89,204	66,377	22,828	22,557,115	88,146,640	425	1,661	100.0%	425	1,661	21	8,928	34,888
1-Aug-14	31-Aug-14	112,397	89,204	23,193	22,917,787	111,064,427	432	2,093	100.0%	432	2,093	21	9,071	43,959
1-Sep-14	30-Sep-14	135,902	112,397	23,505	23,226,383	134,290,810	438	2,531	100.0%	438	2,531	21	9,193	53,152
1-Oct-14	31-Oct-14	159,428	135,902	23,525	23,246,443	157,537,253	438	2,969	100.0%	438	2,969	21	9,201	62,352
1-Nov-14	30-Nov-14	179,255	159,428	19,827	19,591,902	177,129,155	369	3,338	100.0%	369	3,338	21	7,754	70,107
1-Dec-14	31-Dec-14	203,216	179,255	23,961	23,676,976	200,806,131	446	3,785	100.0%	446	3,785	21	9,371	79,478

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		Calculation of Verified Emission Reduction in CO2 equivalent tons per the following										
Gas constant, scf per lb-mole				385		Verification Process: UNFCCC's CDM methodology ACM0001 (Version 9.1)										
Standard of Verification: Verified Carbon Standard Version 3, March 25, 2015, v3.5																
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-Apr-14				-												
1-Apr-14	30-Apr-14	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-
1-May-14	31-May-14	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-
1-Jun-14	30-Jun-14	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-
1-Jul-14	31-Jul-14	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-
1-Aug-14	31-Aug-14	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-
1-Sep-14	30-Sep-14	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-
1-Oct-14	31-Oct-14	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-
1-Nov-14	30-Nov-14	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-
1-Dec-14	31-Dec-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

<u>Key factors to determine baseline and emission reductions (1):</u>								
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
	Methane collected and delivered to engines and flare,	MD electricity,	MD flared,	MD project,	MD bl (2),	(MD project - MD bl)	BE,	ER,
Year	methane metric tons	methane metric tons	methane metric tons	methane metric tons	methane metric tons	methane metric tons	CO2e metric tons	CO2e metric tons
2,3 and 4th Quarter 2014	3,785	3,785	-	3,785	234	3,550	74,554	74,554
(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

APRIL 2014																
CNBE Daily Reports Summary Data																
		Tuesday 4/1/2014	Wednesday 4/2/2014	Thursday 4/3/2014	Friday 4/4/2014	Saturday 4/5/2014	Sunday 4/6/2014	Monday 4/7/2014	Tuesday 4/8/2014	Wednesday 4/9/2014	Thursday 4/10/2014	Friday 4/11/2014	Saturday 4/12/2014	Sunday 4/13/2014	Monday 4/14/2014	Tuesday 4/15/2014
Landfill Gas Flow to the Engines (KSCF)		1,401	1,361	1,450	1,471	1,463	1,480	1,348	1,291	1,446	1,427	1,401	1,417	1,414	1,397	1,377
Landfill Gas Flow to the Engines (MMBTU HHV)		735	713	760	771	769	762	712	713	764	751	745	746	742	741	742
Landfill Gas Flow to the Flare (KSCF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Flow to the Flare (MMBTU HHV)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Total Flow (KSCF)		1,401	1,361	1,450	1,471	1,463	1,480	1,348	1,291	1,446	1,427	1,401	1,417	1,414	1,397	1,377
Landfill Gas Total Flow (MMBTU HHV)		735	713	760	771	769	762	712	713	764	751	745	746	742	741	742
Average Methane Content (%)		51.9	51.8	51.8	51.8	51.9	50.8	52.2	54.6	52.2	52.0	52.5	52.0	51.9	52.4	53.3
Engine 1 Hours		24	24	23	24	24	24	16	14	24	9	3	-	-	-	-
Engine 2 Hours		24	24	24	24	24	24	24	24	24	24	23	24	24	24	24
Engine 3 Hours		24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Engine 4 Hours		24	24	23	24	24	24	17	14	24	23	24	24	24	24	24
Generator 1 Power Output (kWhr)		14,347	14,367	13,894	15,177	14,941	14,940	7,778	8,282	14,360	5,034	1,486	-	-	-	-
Generator 2 Power Output (kWhr)		16,776	16,797	16,083	15,614	15,892	15,612	18,226	18,748	15,965	18,394	18,638	20,222	20,217	20,225	20,225
Generator 3 Power Output (kWhr)		15,588	15,610	15,723	15,600	15,597	15,597	18,225	18,651	16,773	18,813	19,550	20,224	20,220	20,224	20,219
Generator 4 Power Output (kWhr)		14,388	14,407	13,182	13,185	13,187	13,184	8,759	6,615	12,015	16,884	19,950	19,951	19,948	19,948	19,948
Gross Power Output (kWhr)		61,096	61,173	58,873	59,575	59,610	59,331	52,958	52,242	59,113	59,073	59,553	60,321	60,306	60,325	60,319
Net Power Output (kWhr)		59,780	59,876	57,620	58,320	58,364	58,056	51,848	51,204	57,848	57,792	58,348	59,192	59,184	59,152	59,128
Power Sold as metered by NStar, (kWhr)		59,677	59,696	57,486	58,177	58,229	57,918	51,754	51,071	57,702	57,642	58,177	59,014	59,029	58,970	58,953
Offgrid RECs (kWhr)		1,318	1,295	1,254	1,254	1,247	1,276	1,107	1,040	1,265	1,280	1,205	1,129	1,122	1,173	1,191
Calculated Performance Results																
Daily																
Power output (kW average when running)																
Generator 1		598	599	604	632	623	623	486	592	598	559	495	-	-	-	-
Generator 2		699	700	670	651	662	651	759	781	665	766	810	843	842	843	843
Generator 3		650	650	655	650	650	650	759	777	699	784	815	843	843	843	842
Generator 4		600	600	573	549	549	549	515	473	501	734	831	831	831	831	831
Power output (kW average over 24-hrs)																
Facility Gross		2,546	2,549	2,453	2,482	2,484	2,472	2,207	2,177	2,463	2,461	2,481	2,513	2,513	2,514	2,513
Facility Net		2,491	2,495	2,401	2,430	2,432	2,419	2,160	2,134	2,410	2,408	2,431	2,466	2,466	2,465	2,464
In-plant load		55	54	52	52	52	53	46	43	53	53	50	47	47	49	50
Daily availability factor																
Facility		100%	100%	98%	100%	100%	100%	84%	79%	100%	83%	77%	75%	75%	75%	75%
Engine 1		100%	100%	96%	100%	100%	100%	67%	58%	100%	38%	13%	0%	0%	0%	0%
Engine 2		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	100%
Engine 3		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 4		100%	100%	96%	100%	100%	100%	71%	58%	100%	96%	100%	100%	100%	100%	100%
Daily capacity factor																
Facility		77%	77%	74%	75%	75%	75%	67%	66%	75%	75%	75%	76%	76%	76%	76%
Engine 1		72%	73%	73%	77%	75%	75%	59%	72%	73%	68%	60%	0%	0%	0%	0%
Engine 2		85%	85%	81%	79%	80%	79%	92%	95%	81%	93%	98%	102%	102%	102%	102%
Engine 3		79%	79%	79%	79%	79%	79%	92%	94%	85%	95%	99%	102%	102%	102%	102%
Engine 4		73%	73%	69%	67%	67%	67%	62%	57%	61%	89%	101%	101%	101%	101%	101%
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	71	95	119	143	159	173	197	206	209	209	209	209	209
Engine 2		24	48	72	96	120	144	168	192	216	240	263	287	311	335	359
Engine 3		24	48	72	96	120	144	168	192	216	240	264	288	312	336	360
Engine 4		24	48	71	95	119	143	160	174	198	221	245	269	293	317	341
Engine operating run hours total from 0 hours																
Engine 1		68,615	68,639	68,663	68,686	68,710	68,734	68,758	68,774	68,788	68,812	68,821	68,824	68,824	68,824	68,824
Engine 2		63,100	63,124	63,148	63,172	63,196	63,220	63,244	63,268	63,292	63,316	63,340	63,363	63,387	63,411	63,435
Engine 3		65,314	65,338	65,362	65,386	65,410	65,434	65,458	65,482	65,506	65,530	65,554	65,578	65,602	65,626	65,649
Engine 4		64,361	64,385	64,409	64,432	64,456	64,480	64,504	64,521	64,535	64,559	64,582	64,606	64,630	64,654	64,678
Cumulative availability, %		April 1, 2014 @ 00:00 hours														
Engine 1		100%	100%	99%	99%	99%	99%	95%	90%	91%	86%	79%	73%	67%	62%	58%
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%	100%	100%	100%
Engine 4		100%	100%	99%	99%	99%	99%	95%	91%	92%	92%	93%	93%	94%	94%	95%
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		598	1,196	1,801	2,433	3,055	3,678	4,164	4,756	5,354	5,913	6,409	6,409	6,409	6,409	6,409
Engine 2		699	1,399	2,069	2,720	3,382	4,032	4,792	5,573	6,238	7,004	7,815	8,657	9,500	10,342	11,185
Engine 3		650	1,300	1,955	2,605	3,255	3,905	4,664	5,441	6,140	6,924	7,739	8,581	9,424	10,266	11,109
Engine 4		600	1,200	1,773	2,322	2,872	3,421	3,936	4,409	4,909	5,644	6,475	7,306	8,137	8,968	9,800
Cumulative capacity factor, %																
Engine 1		72%	73%	73%	74%	74%	74%	72%	72%	72%	72%	71%	65%	60%	55%	52%
Engine 2		85%	85%	84%	82%	82%	81%	83%	84%	84%	85%	86%	87%	89%	90%	90%
Engine 3		79%	79%	79%	79%	79%	79%	81%	82%	83%	84%	85%	87%	88%	89%	90%
Engine 4		73%	73%	72%	70%	70%	69%	68%	67%	66%	68%	71%	74%	76%	78%	79%

		Tuesday 4/1/2014	Wednesday 4/2/2014	Thursday 4/3/2014	Friday 4/4/2014	Saturday 4/5/2014	Sunday 4/6/2014	Monday 4/7/2014	Tuesday 4/8/2014	Wednesday 4/9/2014	Thursday 4/10/2014	Friday 4/11/2014	Saturday 4/12/2014	Sunday 4/13/2014	Monday 4/14/2014	Tuesday 4/15/2014
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	286	382	478	574	655	731	827	907	981	1,053	1,125	1,197	1,269
Cumulative Availability, %		100.0%	100.0%	99.3%	99.5%	99.6%	99.7%	97.5%	95.2%	95.7%	94.5%	92.9%	91.4%	90.1%	89.1%	88.1%
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		61,096	122,269	181,142	240,717	300,327	359,658	412,616	464,858	523,971	583,044	642,597	702,918	763,224	823,549	883,868
Cumulative Capacity Factor		77.1%	77.2%	76.2%	76.0%	75.8%	75.7%	74.4%	73.4%	73.5%	73.6%	73.8%	74.0%	74.1%	74.3%	74.4%
Cumulative fuel input, MMBtu HHV		735	1,449	2,209	2,979	3,748	4,510	5,222	5,935	6,700	7,450	8,195	8,941	9,683	10,424	11,166
Cumulative gross output, kWhr		61,096	122,269	181,142	240,717	300,327	359,658	412,616	464,858	523,971	583,044	642,597	702,918	763,224	823,549	883,868
Heat Rate																
Daily heat rate, Btu/kWe gross LHV		10,831	10,498	11,624	11,646	11,612	11,554	12,110	12,288	11,641	11,437	11,260	11,133	11,079	11,050	11,080
Daily heat rate, Btu/kWe gross HHV		12,032	11,662	12,913	12,937	12,899	12,835	13,452	13,650	12,931	12,705	12,508	12,367	12,307	12,275	12,308
Cumulative heat rate, Btu/kWe gross LHV		10,831	10,664	10,976	11,142	11,235	11,288	11,393	11,494	11,510	11,503	11,480	11,450	11,421	11,394	11,372
Cumulative heat rate, Btu/kWe gross HHV		12,032	11,847	12,193	12,377	12,481	12,539	12,656	12,768	12,786	12,778	12,753	12,720	12,687	12,657	12,633
Cumulative by Facility starting Calendar Year																
Max cumulative available engine run hours		8,352	8,448	8,544	8,640	8,736	8,832	8,928	9,024	9,120	9,216	9,312	9,408	9,504	9,600	9,696
Actual cumulative engine run hours		6,674	6,770	6,864	6,960	7,056	7,152	7,233	7,309	7,405	7,485	7,559	7,631	7,703	7,775	7,847
Cumulative Availability, %		79.9%	80.1%	80.3%	80.6%	80.8%	81.0%	81.0%	81.0%	81.2%	81.2%	81.2%	81.1%	81.1%	81.0%	80.9%
Max cumulative gross output, kWhr		6,890,400	6,969,600	7,048,800	7,128,000	7,207,200	7,286,400	7,365,600	7,444,800	7,524,000	7,603,200	7,682,400	7,761,600	7,840,800	7,920,000	7,999,200
Actual cumulative gross output, kWhr		5,070,586	5,131,759	5,190,632	5,250,207	5,309,817	5,369,148	5,422,106	5,474,348	5,533,461	5,592,534	5,652,087	5,712,408	5,772,714	5,833,039	5,893,358
Cumulative Capacity Factor		73.6%	73.6%	73.6%	73.7%	73.7%	73.7%	73.6%	73.5%	73.5%	73.6%	73.6%	73.6%	73.6%	73.6%	73.7%
Cumulative fuel input, MMBtu HHV		63,725	64,439	65,199	65,970	66,739	67,500	68,212	68,926	69,690	70,440	71,185	71,931	72,674	73,414	74,156
Cumulative gross output, kWhr		5,070,586	5,131,759	5,190,632	5,250,207	5,309,817	5,369,148	5,422,106	5,474,348	5,533,461	5,592,534	5,652,087	5,712,408	5,772,714	5,833,039	5,893,358
Cumulative heat rate, Btu/kWe gross LHV		11,313	11,304	11,307	11,311	11,314	11,317	11,325	11,334	11,337	11,338	11,338	11,335	11,333	11,330	11,327
Cumulative heat rate, Btu/kWe gross HHV		12,568	12,557	12,561	12,565	12,569	12,572	12,580	12,591	12,594	12,595	12,595	12,592	12,589	12,586	12,583
Service																
Engine 1								Call out not connected ?								
Engine 2																
Engine 3																
Engine 4																
Oil - oil and filter change																
Service - plugs, air filter, valve inspection and adjustment																
Precipitation																
NSTAR Power Reports																
Date		Tuesday 4/1/2014	Wednesday 4/2/2014	Thursday 4/3/2014	Friday 4/4/2014	Saturday 4/5/2014	Sunday 4/6/2014	Monday 4/7/2014	Tuesday 4/8/2014	Wednesday 4/9/2014	Thursday 4/10/2014	Friday 4/11/2014	Saturday 4/12/2014	Sunday 4/13/2014	Monday 4/14/2014	Tuesday 4/15/2014
Hour																
1		2,488	2,487	2,488	2,439	2,416	2,414	2,412	1,648	2,439	2,389	2,436	2,459	2,460	2,460	2,457
2		2,488	2,488	2,486	2,438	2,417	2,412	2,414	1,649	2,439	2,389	2,437	2,461	2,461	2,460	2,457
3		2,486	2,489	2,488	2,440	2,415	2,414	2,414	1,648	2,439	2,388	2,437	2,460	2,461	2,460	2,458
4		2,487	2,488	2,488	2,439	2,421	2,412	2,414	1,648	2,438	2,386	2,436	2,460	2,461	2,460	2,458
5		2,487	2,488	2,487	2,439	2,464	2,414	2,412	1,649	2,440	2,388	2,437	2,460	2,461	2,459	2,458
6		2,488	2,489	2,487	2,438	2,464	2,412	2,413	1,649	2,440	2,385	2,437	2,460	2,461	2,460	2,458
7		2,488	2,489	2,489	2,440	2,463	2,415	2,415	1,648	2,440	2,389	2,437	2,461	2,461	2,460	2,459
8		2,486	2,488	2,487	2,439	2,462	2,411	2,411	1,650	2,403	2,388	2,436	2,460	2,460	2,460	2,459
9		2,484	2,483	2,486	2,437	2,463	2,412	2,413	1,650	2,389	2,308	2,436	2,458	2,459	2,455	2,458
10		2,485	2,484	2,486	2,428	2,446	2,413	2,409	1,645	2,389	2,428	2,430	2,458	2,459	2,454	2,455
11		2,483	2,486	2,485	2,412	2,414	2,413	2,276	2,188	2,389	2,428	2,429	2,457	2,458	2,453	2,454
12		2,483	2,486	2,019	2,412	2,415	2,413	2,208	2,663	2,387	2,155	2,332	2,457	2,459	2,453	2,453
13		2,483	2,486	1,444	2,411	2,415	2,413	2,274	2,583	2,386	2,431	2,361	2,457	2,458	2,453	2,453
14		2,486	2,486	1,684	2,412	2,414	2,413	2,022	2,558	2,387	2,431	2,176	2,457	2,458	2,453	2,452
15		2,486	2,485	2,465	2,412	2,414	2,413	2,133	2,534	2,389	2,433	2,392	2,458	2,458	2,453	2,452
16		2,486	2,487	2,589	2,416	2,415	2,413	2,140	2,534	2,387	2,433	2,455	2,457	2,458	2,456	2,454
17		2,488	2,490	2,546	2,417	2,415	2,413	2,216	2,443	2,390	2,436	2,457	2,458	2,459	2,457	2,457
18		2,488	2,490	2,532	2,417	2,415	2,414	2,108	2,442	2,390	2,437	2,458	2,458	2,459	2,458	2,457
19		2,488	2,489	2,488	2,416	2,415	2,415	2,006	2,442	2,391	2,437	2,459	2,459	2,460	2,458	2,458
20		2,487	2,488	2,488	2,415	2,414	2,415	1,650	2,441	2,391	2,437	2,460	2,459	2,460	2,458	2,457
21		2,489	2,488	2,487	2,415	2,414	2,415	1,649	2,441	2,390	2,437	2,460	2,460	2,460	2,458	2,456
22		2,487	2,487	2,487	2,415	2,412	2,413	1,648	2,439	2,391	2,437	2,460	2,460	2,460	2,458	2,457
23		2,487	2,488	2,460	2,414	2,412	2,413	1,649	2,439	2,389	2,436	2,460	2,460	2,459	2,457	2,457
24		2,489	2,487	2,440	2,416	2,414	2,413	1,648	2,440	2,389	2,436	2,459	2,460	2,459	2,457	2,459
TOTAL		59,677	59,696	57,486	58,177	58,229	57,918	51,754	51,071	57,702	57,642	58,177	59,014	59,029	58,970	58,953
Cumulative Output Sold, kWhr		59,677	119,373	176,859	235,036	293,265	351,183	402,937	454,008	511,710	569,352	627,529	686,543	745,572	804,542	863,495
Transformer and line efficiency		99.8%	99.7%	99.8%	99.8%	99.8%	99.8%	99.8%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%
Hourly average		2,487	2,487	2,395	2,424	2,426	2,413	2,156	2,128	2,404	2,402	2,424	2,459	2,460	2,457	2,456

APRIL 2014 CNBE Daily Reports Summary Data																
	Wednesday 4/16/2014	Thursday 4/17/2014	Friday 4/18/2014	Saturday 4/19/2014	Sunday 4/20/2014	Monday 4/21/2014	Tuesday 4/22/2014	Wednesday 4/23/2014	Thursday 4/24/2014	Friday 4/25/2014	Saturday 4/26/2014	Sunday 4/27/2014	Monday 4/28/2014	Tuesday 4/29/2014	Wednesday 4/30/2014	TOTAL
Landfill Gas Flow to the Engines (K)	1,368	1,357	1,345	1,343	1,367	1,363	1,363	1,292	1,371	1,370	1,367	1,358	1,358	1,364	1,350	41,481
Landfill Gas Flow to the Engines (M)	730	721	727	724	738	746	756	725	752	751	759	749	744	743	744	22,272
Landfill Gas Flow to the Flare (KSC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Flow to the Flare (MME)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Total Flow (KSCF)	1,368	1,357	1,345	1,343	1,367	1,363	1,363	1,292	1,371	1,370	1,367	1,358	1,358	1,364	1,350	41,481
Landfill Gas Total Flow (MMBTU Hr)	730	721	727	724	738	746	756	725	752	751	759	749	744	743	744	22,272
Average Methane Content (%)	52.7	52.5	53.4	53.3	53.3	54.1	54.8	55.4	54.2	54.1	54.8	54.5	54.1	53.8	54.5	53.1
Engine 1 Hours	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	209
Engine 2 Hours	24	24	24	24	24	24	24	22	24	24	24	24	24	24	24	717
Engine 3 Hours	24	24	24	24	24	24	24	21	24	24	24	24	24	24	24	717
Engine 4 Hours	24	24	24	24	24	24	24	22	24	24	24	24	24	24	24	699
Generator 1 Power Output (kWhr)	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	124,608
Generator 2 Power Output (kWhr)	20,220	20,222	20,222	20,224	20,221	20,224	20,224	18,091	20,205	20,213	20,213	20,211	20,213	20,211	20,204	568,752
Generator 3 Power Output (kWhr)	19,496	19,256	19,611	19,746	19,882	20,220	20,221	18,066	20,197	20,206	20,207	20,203	20,205	20,203	20,195	564,528
Generator 4 Power Output (kWhr)	19,389	19,226	19,585	19,712	19,850	20,185	20,183	18,070	20,166	19,725	20,170	20,179	20,177	20,177	20,181	522,526
Gross Power Output (kWhr)	59,048	58,652	59,358	59,608	59,872	60,558	60,557	54,178	60,518	60,091	60,535	60,539	60,541	60,545	60,533	1,779,001
Net Power Output (kWhr)	57,896	57,472	58,188	58,496	58,780	59,456	59,416	53,176	59,304	58,880	59,336	59,328	59,304	59,292	59,316	1,743,352
Power Sold as metered by NStar, (kWhr)	57,754	57,330	58,045	58,327	58,634	59,293	59,237	53,058	59,152	58,727	59,198	59,204	59,160	59,164	59,187	1,738,965
Offgrid RECs (kWhr)	1,152	1,179	1,172	1,112	1,090	1,102	1,142	1,002	1,214	1,211	1,199	1,211	1,237	1,253	1,217	35,649
Calculated Performance Results																
Daily																
Power output (kW average whe																
Generator 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Generator 2	843	843	843	843	843	843	843	822	842	842	842	842	842	842	842	842
Generator 3	812	802	817	823	843	843	860	842	842	842	842	842	842	842	841	841
Generator 4	808	801	816	821	827	841	821	840	822	840	840	841	841	841	841	841
Power output (kW average over																
Facility Gross	2,460	2,444	2,473	2,484	2,495	2,523	2,523	2,257	2,522	2,504	2,522	2,522	2,523	2,523	2,522	2,522
Facility Net	2,412	2,395	2,425	2,437	2,449	2,477	2,476	2,216	2,471	2,453	2,472	2,472	2,471	2,471	2,472	2,472
In-plant load	48	49	49	46	46	46	48	42	51	50	50	50	52	52	51	51
Daily availability factor																
Facility	75%	75%	75%	75%	75%	75%	75%	68%	75%	75%	75%	75%	75%	75%	75%	75%
Engine 1	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Engine 2	100%	100%	100%	100%	100%	100%	100%	92%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 3	100%	100%	100%	100%	100%	100%	100%	88%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 4	100%	100%	100%	100%	100%	100%	100%	92%	100%	100%	100%	100%	100%	100%	100%	100%
Daily capacity factor																
Facility	75%	74%	75%	75%	76%	76%	76%	68%	76%	76%	76%	76%	76%	76%	76%	76%
Engine 1	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Engine 2	102%	102%	102%	102%	102%	102%	102%	100%	102%	102%	102%	102%	102%	102%	102%	102%
Engine 3	98%	97%	99%	100%	100%	102%	102%	104%	102%	102%	102%	102%	102%	102%	102%	102%
Engine 4	98%	97%	99%	100%	100%	102%	102%	100%	102%	100%	102%	102%	102%	102%	102%	102%
Cumulative by engine																
Engine operating run hours in tr																
Max Cumulative Available, t	384	408	432	456	480	504	528	552	576	600	624	648	672	696	720	720
Engine 1	209	209	209	209	209	209	209	209	209	209	209	209	209	209	209	209
Engine 2	383	407	431	455	479	503	527	549	573	597	621	645	669	693	717	717
Engine 3	384	408	432	456	480	504	528	549	573	597	621	645	669	693	717	717
Engine 4	365	389	413	437	461	485	509	531	555	579	603	627	651	675	699	699
Engine operating run hours tota																
Engine 1	68,824	68,824	68,824	68,824	68,824	68,824	68,824	68,824	68,824	68,824	68,824	68,824	68,824	68,824	68,824	68,824
Engine 2	63,483	63,507	63,531	63,555	63,579	63,603	63,627	63,649	63,673	63,697	63,721	63,745	63,769	63,793	63,817	63,817
Engine 3	65,698	65,722	65,746	65,770	65,794	65,818	65,842	65,863	65,887	65,911	65,935	65,959	65,983	66,007	66,031	66,031
Engine 4	64,726	64,750	64,774	64,798	64,822	64,846	64,870	64,892	64,916	64,940	64,964	64,988	65,012	65,036	65,060	65,060
Cumulative availability, %																
Engine 1	54%	51%	48%	46%	44%	41%	40%	38%	36%	35%	33%	32%	31%	30%	29%	29%
Engine 2	100%	100%	100%	100%	100%	100%	100%	99%	99%	100%	100%	100%	100%	100%	100%	100%
Engine 3	100%	100%	100%	100%	100%	100%	100%	99%	99%	100%	100%	100%	100%	100%	100%	100%
Engine 4	95%	95%	96%	96%	96%	96%	96%	96%	96%	97%	97%	97%	97%	97%	97%	97%
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	24,750
Engine 1	6,409	6,409	6,409	6,409	6,409	6,409	6,409	6,409	6,409	6,409	6,409	6,409	6,409	6,409	6,409	6,409
Engine 2	12,028	12,870	13,713	14,556	15,398	16,241	17,083	17,906	18,748	19,590	20,432	21,274	22,116	22,958	23,800	23,800
Engine 3	11,921	12,724	13,541	14,363	15,192	16,034	16,877	17,737	18,579	19,421	20,263	21,104	21,946	22,788	23,630	23,630
Engine 4	10,607	11,409	12,225	13,046	13,873	14,714	15,555	16,376	17,217	18,038	18,879	19,720	20,560	21,401	22,242	22,242
Cumulative capacity factor, %																
Engine 1	49%	46%	43%	41%	39%	37%	35%	34%	32%	31%	30%	29%	28%	27%	26%	26%
Engine 2	91%	92%	92%	93%	93%	94%	94%	94%	95%	95%	95%	96%	96%	96%	96%	96%
Engine 3	90%	91%	91%	92%	92%	93%	93%	93%	94%	94%	94%	95%	95%	95%	95%	95%
Engine 4	80%	81%	82%	83%	84%	85%	86%	86%	87%	87%	88%	89%	89%	89%	90%	90%

	Wednesday 4/16/2014	Thursday 4/17/2014	Friday 4/18/2014	Saturday 4/19/2014	Sunday 4/20/2014	Monday 4/21/2014	Tuesday 4/22/2014	Wednesday 4/23/2014	Thursday 4/24/2014	Friday 4/25/2014	Saturday 4/26/2014	Sunday 4/27/2014	Monday 4/28/2014	Tuesday 4/29/2014	Wednesday 4/30/2014	TOTAL
Cumulative by Facility in month																
Max cumulative available engine run hours	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	
Actual cumulative engine run hours	1,341	1,413	1,485	1,557	1,629	1,701	1,773	1,838	1,910	1,982	2,054	2,126	2,198	2,270	2,342	
Cumulative Availability, %	87.3%	86.6%	85.9%	85.4%	84.8%	84.4%	83.9%	83.2%	82.9%	82.6%	82.3%	82.0%	81.8%	81.5%	81.3%	
Max cumulative gross output, kWh	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	
Actual cumulative gross output, kWh	942,916	1,001,568	1,060,926	1,120,534	1,180,406	1,240,964	1,301,521	1,355,699	1,416,217	1,476,308	1,536,843	1,597,382	1,657,923	1,718,468	1,779,001	
Cumulative Capacity Factor	74.4%	74.4%	74.4%	74.5%	74.5%	74.6%	74.7%	74.4%	74.5%	74.6%	74.6%	74.7%	74.8%	74.8%	74.9%	
Cumulative fuel input, MMBtu/Hr	11,896	12,616	13,343	14,068	14,805	15,552	16,307	17,032	17,784	18,534	19,293	20,042	20,785	21,528	22,272	
Cumulative gross output, kWh	942,916	1,001,568	1,060,926	1,120,534	1,180,406	1,240,964	1,301,521	1,355,699	1,416,217	1,476,308	1,536,843	1,597,382	1,657,923	1,718,468	1,779,001	
Heat Rate																
Daily heat rate, Btu/kWe gross	11,123	11,058	11,027	10,940	11,089	11,094	11,231	12,045	11,178	11,246	11,279	11,136	11,055	11,047	11,066	
Daily heat rate, Btu/kWe gross	12,356	12,284	12,249	12,153	12,318	12,324	12,476	13,380	12,418	12,493	12,530	12,371	12,281	12,272	12,292	
Cumulative heat rate, Btu/kWe gross	11,357	11,339	11,322	11,302	11,291	11,281	11,279	11,309	11,304	11,301	11,301	11,294	11,286	11,277	11,270	
Cumulative heat rate, Btu/kWe gross	12,616	12,597	12,577	12,555	12,543	12,532	12,529	12,563	12,557	12,554	12,553	12,547	12,537	12,527	12,519	
Cumulative by Facility starting Calendar Year																
Max cumulative available engine run hours	9,792	9,888	9,984	10,080	10,176	10,272	10,368	10,464	10,560	10,656	10,752	10,848	10,944	11,040	11,136	
Actual cumulative engine run hours	7,919	7,991	8,063	8,135	8,207	8,279	8,351	8,416	8,488	8,560	8,632	8,704	8,776	8,848	8,920	
Cumulative Availability, %	80.9%	80.8%	80.8%	80.7%	80.7%	80.6%	80.5%	80.4%	80.4%	80.3%	80.3%	80.2%	80.2%	80.1%	80.1%	
Max cumulative gross output, kWh	8,078,400	8,157,600	8,236,800	8,316,000	8,395,200	8,474,400	8,553,600	8,632,800	8,712,000	8,791,200	8,870,400	8,949,600	9,028,800	9,108,000	9,187,200	
Actual cumulative gross output, kWh	5,952,406	6,011,058	6,070,416	6,130,024	6,189,896	6,250,454	6,311,011	6,365,189	6,425,707	6,485,798	6,546,333	6,606,872	6,667,413	6,727,958	6,788,491	
Cumulative Capacity Factor	73.7%	73.7%	73.7%	73.7%	73.7%	73.8%	73.8%	73.7%	73.8%	73.8%	73.8%	73.8%	73.8%	73.9%	73.9%	
Cumulative fuel input, MMBtu/Hr	74,886	75,607	76,334	77,058	77,796	78,542	79,297	80,022	80,774	81,524	82,283	83,032	83,775	84,518	85,262	
Cumulative gross output, kWh	5,952,406	6,011,058	6,070,416	6,130,024	6,189,896	6,250,454	6,311,011	6,365,189	6,425,707	6,485,798	6,546,333	6,606,872	6,667,413	6,727,958	6,788,491	
Cumulative heat rate, Btu/kWe gross	11,325	11,323	11,320	11,316	11,314	11,312	11,311	11,317	11,316	11,315	11,315	11,313	11,311	11,309	11,306	
Cumulative heat rate, Btu/kWe gross	12,581	12,578	12,575	12,571	12,568	12,566	12,565	12,572	12,570	12,570	12,569	12,567	12,565	12,562	12,560	
Service																
Engine 1								NStar outage								
Engine 2								Lightening strike								
Engine 3								Operation on line								
Engine 4								to clear.								
Oil - oil and filter change																
Service - plugs, air filter, valve inspection																
Precipitation																
NSTAR Power Reports	Wednesday 4/16/2014	Thursday 4/17/2014	Friday 4/18/2014	Saturday 4/19/2014	Sunday 4/20/2014	Monday 4/21/2014	Tuesday 4/22/2014	Wednesday 4/23/2014	Thursday 4/24/2014	Friday 4/25/2014	Saturday 4/26/2014	Sunday 4/27/2014	Monday 4/28/2014	Tuesday 4/29/2014	Wednesday 4/30/2014	TOTAL
Date																
Hour																
1	2,461	2,383	2,410	2,428	2,430	2,472	2,472	2,470	2,467	2,465	2,468	2,467	2,465	2,466	2,467	
2	2,461	2,380	2,412	2,431	2,432	2,469	2,471	2,470	2,467	2,465	2,467	2,466	2,464	2,466	2,468	
3	2,461	2,380	2,411	2,429	2,432	2,472	2,471	2,470	2,468	2,465	2,466	2,466	2,467	2,466	2,468	
4	2,461	2,380	2,411	2,432	2,431	2,470	2,471	2,471	2,468	2,465	2,467	2,466	2,467	2,465	2,468	
5	2,462	2,380	2,410	2,428	2,431	2,472	2,471	2,471	2,468	2,466	2,466	2,466	2,465	2,466	2,468	
6	2,462	2,381	2,411	2,431	2,432	2,470	2,471	2,472	2,468	2,466	2,466	2,466	2,468	2,465	2,468	
7	2,462	2,381	2,412	2,430	2,431	2,471	2,472	2,473	2,469	2,466	2,467	2,467	2,466	2,466	2,469	
8	2,451	2,378	2,409	2,431	2,432	2,471	2,471	2,472	2,467	2,465	2,466	2,468	2,465	2,465	2,464	
9	2,371	2,377	2,409	2,428	2,429	2,469	2,468	2,470	2,456	2,463	2,467	2,468	2,462	2,462	2,458	
10	2,375	2,377	2,406	2,429	2,432	2,468	2,467	2,466	2,459	2,334	2,468	2,467	2,462	2,465	2,464	
11	2,376	2,376	2,408	2,429	2,432	2,468	2,466	1,503	2,461	2,158	2,464	2,466	2,462	2,462	2,463	
12	2,377	2,379	2,407	2,429	2,432	2,468	2,465	-	2,462	2,462	2,467	2,467	2,463	2,464	2,463	
13	2,378	2,379	2,409	2,430	2,432	2,468	2,466	-	2,462	2,462	2,466	2,469	2,463	2,461	2,462	
14	2,379	2,379	2,425	2,429	2,432	2,468	2,466	2,165	2,462	2,461	2,468	2,467	2,463	2,464	2,463	
15	2,379	2,378	2,428	2,430	2,432	2,467	2,462	2,476	2,461	2,461	2,466	2,466	2,463	2,464	2,464	
16	2,380	2,379	2,428	2,430	2,433	2,471	2,463	2,475	2,462	2,464	2,468	2,468	2,463	2,464	2,465	
17	2,383	2,387	2,428	2,430	2,433	2,471	2,465	2,468	2,465	2,466	2,466	2,468	2,465	2,462	2,469	
18	2,384	2,410	2,428	2,431	2,472	2,472	2,468	2,467	2,466	2,467	2,467	2,468	2,467	2,465	2,469	
19	2,383	2,412	2,431	2,431	2,472	2,474	2,469	2,467	2,467	2,468	2,468	2,467	2,467	2,466	2,468	
20	2,381	2,411	2,431	2,432	2,471	2,473	2,468	2,466	2,466	2,468	2,467	2,466	2,468	2,468	2,468	
21	2,383	2,411	2,431	2,433	2,470	2,474	2,468	2,467	2,467	2,468	2,466	2,467	2,468	2,468	2,468	
22	2,382	2,410	2,428	2,433	2,471	2,473	2,468	2,466	2,466	2,468	2,466	2,466	2,466	2,468	2,468	
23	2,382	2,412	2,431	2,432	2,471	2,471	2,468	2,466	2,464	2,468	2,466	2,466	2,466	2,468	2,467	
24	2,380	2,410	2,431	2,431	2,469	2,471	2,470	2,467	2,464	2,466	2,465	2,466	2,465	2,468	2,468	
TOTAL	57,754	57,330	58,045	58,327	58,634	59,293	59,237	53,058	59,152	58,727	59,198	59,204	59,160	59,164	59,187	
Cumulative Output Sold, kWh	921,249	978,579	1,036,624	1,094,951	1,153,585	1,212,878	1,272,115	1,325,173	1,384,325	1,443,052	1,502,250	1,561,454	1,620,614	1,679,778	1,738,965	
Transformer and line efficiency	99.8%	99.8%	99.8%	99.7%	99.8%	99.7%	99.7%	99.8%	99.7%	99.7%	99.8%	99.8%	99.8%	99.8%	99.8%	0.0%
Hourly average	2,406	2,389	2,419	2,430	2,443	2,471	2,468	2,211	2,465	2,447	2,467	2,467	2,465	2,465	2,466	2,415

MAY 2014																	
CNBE Daily Reports Summary Data																	
		Thursday 5/1/2014	Friday 5/2/2014	Saturday 5/3/2014	Sunday 5/4/2014	Monday 5/5/2014	Tuesday 5/6/2014	Wednesday 5/7/2014	Thursday 5/8/2014	Friday 5/9/2014	Saturday 5/10/2014	Sunday 5/11/2014	Monday 5/12/2014	Tuesday 5/13/2014	Wednesday 5/14/2014	Thursday 5/15/2014	
Landfill Gas Flow to the Engines (KSCF)		1,308	1,337	1,324	1,129	1,266	1,446	1,438	1,441	1,390	1,267	1,181	1,164	1,226	1,335	1,323	
Landfill Gas Flow to the Engines (MMBTU HHV)		739	748	742	650	722	795	783	785	755	703	645	635	681	735	726	
Landfill Gas Flow to the Flare (KSCF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Flow to the Flare (MMBTU HHV)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Total Flow (KSCF)		1,308	1,337	1,324	1,129	1,266	1,446	1,438	1,441	1,390	1,267	1,181	1,164	1,226	1,335	1,323	
Landfill Gas Total Flow (MMBTU HHV)		739	748	742	650	722	795	783	785	755	703	645	635	681	735	726	
Average Methane Content (%)		55.8	55.3	55.3	56.9	56.3	54.3	53.8	53.8	53.7	54.9	54.0	53.9	54.9	54.4	54.2	
Engine 1 Hours		-	4	-	6	16	24	24	24	14	-	-	-	-	-	-	
Engine 2 Hours		24	23	24	24	24	24	24	24	24	22	24	22	22	24	24	
Engine 3 Hours		24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
Engine 4 Hours		24	24	23	1	10	24	24	24	24	24	24	24	24	24	24	
Generator 1 Power Output (kWhr)		-	1,092	-	4,294	7,820	11,710	10,622	11,998	6,310	-	-	-	-	-	-	
Generator 2 Power Output (kWhr)		19,903	18,624	19,728	19,725	19,127	15,505	13,463	12,088	15,368	17,571	19,730	17,876	15,583	20,207	20,202	
Generator 3 Power Output (kWhr)		20,197	20,202	20,201	20,204	19,699	18,821	19,723	19,725	19,926	20,203	20,207	20,220	20,203	20,202	20,196	
Generator 4 Power Output (kWhr)		20,182	20,181	19,019	876	6,698	16,411	17,517	17,942	18,899	20,179	20,175	20,192	20,183	20,185	20,179	
Gross Power Output (kWhr)		60,238	60,061	58,909	45,046	53,329	62,454	61,315	61,740	60,479	57,894	60,060	58,229	55,920	60,542	60,521	
Net Power Output (kWhr)		59,044	58,848	57,788	44,148	52,240	61,160	59,996	60,384	59,240	56,728	58,756	56,832	54,648	59,132	59,012	
Power Sold as metered by NStar, (kWhr)		58,889	58,691	57,630	44,098	52,072	60,991	59,828	60,219	59,079	56,557	58,570	56,625	54,489	58,965	58,851	
Offgrid RECs (kWhr)		1,193	1,213	1,121	896	1,091	1,294	1,319	1,356	1,239	1,167	1,302	1,397	1,271	1,410	1,511	
Calculated Performance Results																	
Daily																	
Power output (kW average when running)																	
Generator 1		-	273	-	716	489	488	443	500	451	-	-	-	-	-	-	
Generator 2		829	810	822	822	797	646	561	504	640	799	822	813	708	842	842	
Generator 3		842	842	842	842	821	784	822	822	830	842	842	843	842	842	842	
Generator 4		841	841	827	876	670	684	730	748	787	841	841	841	841	841	841	
Power output (kW average over 24-hrs)																	
Facility Gross		2,510	2,503	2,455	1,877	2,222	2,602	2,555	2,573	2,520	2,412	2,503	2,426	2,330	2,523	2,522	
Facility Net		2,460	2,452	2,408	1,840	2,177	2,548	2,500	2,516	2,468	2,364	2,448	2,368	2,277	2,464	2,459	
In-plant load		50	51	47	37	45	54	55	57	52	49	54	58	53	59	63	
Daily availability factor																	
Facility		75%	78%	74%	57%	77%	100%	100%	100%	90%	73%	75%	73%	73%	75%	75%	
Engine 1		0%	17%	0%	25%	67%	100%	100%	100%	58%	0%	0%	0%	0%	0%	0%	
Engine 2		100%	96%	100%	100%	100%	100%	100%	100%	100%	92%	100%	92%	92%	100%	100%	
Engine 3		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 4		100%	100%	96%	4%	42%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Daily capacity factor																	
Facility		76%	76%	74%	57%	67%	79%	77%	78%	76%	73%	76%	74%	71%	76%	76%	
Engine 1		0%	33%	0%	87%	59%	59%	54%	61%	55%	0%	0%	0%	0%	0%	0%	
Engine 2		101%	98%	100%	100%	97%	78%	68%	61%	78%	97%	100%	98%	86%	102%	102%	
Engine 3		102%	102%	102%	102%	99%	95%	100%	100%	101%	102%	102%	102%	102%	102%	102%	
Engine 4		102%	102%	100%	106%	81%	83%	88%	91%	95%	102%	102%	102%	102%	102%	102%	
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		0	4	4	10	26	50	74	98	112	112	112	112	112	112	112	
Engine 2		24	47	71	95	119	143	167	191	215	237	261	283	305	329	353	
Engine 3		24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	
Engine 4		24	48	71	72	82	106	130	154	178	202	226	250	274	298	322	
Engine operating run hours total from 0 hours																	
Engine 1		68,824	68,824	68,828	68,828	68,834	68,850	68,874	68,898	68,922	68,936	68,936	68,936	68,936	68,936	68,936	
Engine 2		63,817	63,841	63,864	63,888	63,912	63,936	63,960	63,984	64,008	64,032	64,054	64,078	64,100	64,122	64,146	
Engine 3		66,031	66,055	66,079	66,103	66,127	66,151	66,175	66,199	66,223	66,247	66,271	66,295	66,319	66,343	66,367	
Engine 4		65,060	65,084	65,108	65,131	65,132	65,142	65,166	65,190	65,214	65,238	65,262	65,286	65,310	65,334	65,358	
Cumulative availability, %		May 1, 2014 @ 00:00 hours															
Engine 1		0%	8%	6%	10%	22%	35%	44%	51%	52%	47%	42%	39%	36%	33%	31%	
Engine 2		100%	98%	99%	99%	99%	99%	99%	99%	100%	99%	99%	98%	98%	98%	98%	
Engine 3		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 4		100%	100%	99%	75%	68%	74%	77%	80%	82%	84%	86%	87%	88%	89%	89%	
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		-	273	273	989	1,477	1,965	2,408	2,908	3,359	3,359	3,359	3,359	3,359	3,359	3,359	
Engine 2		829	1,639	2,461	3,283	4,080	4,726	5,287	5,791	6,431	7,230	8,052	8,864	9,572	10,414	11,256	
Engine 3		842	1,683	2,525	3,367	4,188	4,972	5,794	6,616	7,446	8,288	9,130	9,972	10,814	11,656	12,497	
Engine 4		841	1,682	2,509	3,385	4,055	4,738	5,468	6,216	7,003	7,844	8,685	9,526	10,367	11,208	12,049	
Cumulative capacity factor, %																	
Engine 1		0%	17%	11%	30%	36%	40%	42%	44%	45%	41%	37%	34%	31%	29%	27%	
Engine 2		101%	99%	99%	99%	99%	95%	92%	89%	87%	89%	89%	90%	89%	90%	91%	
Engine 3		102%	102%	102%	102%	102%	100%	100%	100%	100%	100%	101%	101%	101%	101%	101%	
Engine 4		102%	102%	101%	103%	98%	96%	95%	94%	94%	95%	96%	96%	97%	97%	97%	

		Thursday 5/1/2014	Friday 5/2/2014	Saturday 5/3/2014	Sunday 5/4/2014	Monday 5/5/2014	Tuesday 5/6/2014	Wednesday 5/7/2014	Thursday 5/8/2014	Friday 5/9/2014	Saturday 5/10/2014	Sunday 5/11/2014	Monday 5/12/2014	Tuesday 5/13/2014	Wednesday 5/14/2014	Thursday 5/15/2014
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	147	218	273	347	443	539	635	721	791	863	933	1,003	1,075	1,147
Cumulative Availability, %		75.0%	76.6%	75.7%	71.1%	72.3%	76.9%	80.2%	82.7%	83.4%	82.4%	81.7%	81.0%	80.4%	80.0%	79.7%
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		60,238	120,299	179,208	224,254	277,583	340,037	401,352	463,092	523,571	581,465	641,525	699,754	755,674	816,216	876,737
Cumulative Capacity Factor		76.1%	75.9%	75.4%	70.8%	70.1%	71.6%	72.4%	73.1%	73.5%	73.4%	73.6%	73.6%	73.4%	73.6%	73.8%
Cumulative fuel input, MMBtu HHV		739	1,487	2,228	2,878	3,600	4,395	5,178	5,963	6,717	7,421	8,065	8,700	9,381	10,116	10,842
Cumulative gross output, kWhr		60,238	120,299	179,208	224,254	277,583	340,037	401,352	463,092	523,571	581,465	641,525	699,754	755,674	816,216	876,737
Heat Rate																
Daily heat rate, Btu/kWe gross LHV		11,045	11,205	11,334	12,986	12,182	11,456	11,493	11,446	11,233	10,937	9,664	9,811	10,963	10,932	10,799
Daily heat rate, Btu/kWe gross HHV		12,270	12,447	12,591	14,425	13,533	12,726	12,767	12,715	12,479	12,150	10,736	10,898	12,178	12,144	11,996
Cumulative heat rate, Btu/kWe gross LHV		11,045	11,125	11,194	11,554	11,674	11,634	11,613	11,590	11,549	11,488	11,317	11,192	11,175	11,157	11,132
Cumulative heat rate, Btu/kWe gross HHV		12,270	12,358	12,435	12,835	12,969	12,924	12,900	12,875	12,830	12,762	12,572	12,433	12,414	12,394	12,367
Cumulative by Facility starting Calendar Year																
Max cumulative available engine run hours	11,232		11,328	11,424	11,520	11,616	11,712	11,808	11,904	12,000	12,096	12,192	12,288	12,384	12,480	12,576
Actual cumulative engine run hours	8,992		9,067	9,138	9,193	9,267	9,363	9,459	9,555	9,641	9,711	9,783	9,853	9,923	9,995	10,067
Cumulative Availability, %	80.1%		80.0%	80.0%	79.8%	79.8%	79.9%	80.1%	80.3%	80.3%	80.3%	80.2%	80.2%	80.1%	80.1%	80.0%
Max cumulative gross output, kWhr	9,266,400		9,345,600	9,424,800	9,504,000	9,583,200	9,662,400	9,741,600	9,820,800	9,900,000	9,979,200	10,058,400	10,137,600	10,216,800	10,296,000	10,375,200
Actual cumulative gross output, kWhr	6,848,729		6,908,790	6,967,699	7,012,745	7,066,074	7,128,528	7,189,843	7,251,583	7,312,062	7,369,956	7,430,016	7,488,245	7,544,165	7,604,707	7,665,228
Cumulative Capacity Factor	73.9%		73.9%	73.9%	73.8%	73.7%	73.8%	73.8%	73.8%	73.9%	73.9%	73.9%	73.9%	73.8%	73.9%	73.9%
Cumulative fuel input, MMBtu HHV	86,002		86,749	87,491	88,141	88,862	89,657	90,440	91,225	91,980	92,683	93,328	93,962	94,643	95,379	96,105
Cumulative gross output, kWhr	6,848,729		6,908,790	6,967,699	7,012,745	7,066,074	7,128,528	7,189,843	7,251,583	7,312,062	7,369,956	7,430,016	7,488,245	7,544,165	7,604,707	7,665,228
Cumulative heat rate, Btu/kWe gross LHV	11,304		11,303	11,303	11,314	11,321	11,322	11,323	11,324	11,324	11,321	11,307	11,296	11,293	11,290	11,286
Cumulative heat rate, Btu/kWe gross HHV	12,557		12,556	12,557	12,569	12,576	12,577	12,579	12,580	12,579	12,576	12,561	12,548	12,545	12,542	12,538
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		Thursday 5/1/2014	Friday 5/2/2014	Saturday 5/3/2014	Sunday 5/4/2014	Monday 5/5/2014	Tuesday 5/6/2014	Wednesday 5/7/2014	Thursday 5/8/2014	Friday 5/9/2014	Saturday 5/10/2014	Sunday 5/11/2014	Monday 5/12/2014	Tuesday 5/13/2014	Wednesday 5/14/2014	Thursday 5/15/2014
Date																
Hour																
1		2,467	2,448	2,451	2,441	1,627	2,589	2,468	2,515	2,511	2,468	2,440	2,443	2,276	2,462	2,459
2		2,467	2,448	2,451	1,701	1,627	2,590	2,468	2,515	2,511	2,468	2,441	2,443	2,273	2,462	2,459
3		2,467	2,447	2,451	2,003	1,627	2,589	2,468	2,516	2,511	2,468	2,440	2,444	2,275	2,462	2,459
4		2,467	2,447	2,452	2,428	1,626	2,589	2,468	2,516	2,511	2,468	2,441	2,444	2,276	2,462	2,459
5		2,467	2,447	2,452	2,429	1,627	2,590	2,468	2,516	2,510	2,468	2,442	2,444	2,276	2,462	2,458
6		2,467	2,448	2,452	2,431	1,627	2,590	2,469	2,517	2,511	2,467	2,443	2,445	2,277	2,462	2,459
7		2,468	2,449	2,453	2,431	1,627	2,588	2,469	2,516	2,511	2,468	2,443	2,444	2,277	2,462	2,460
8		2,468	2,449	2,451	2,249	1,623	2,586	2,463	2,509	2,511	2,468	2,443	2,440	1,950	2,457	2,454
9		2,466	2,446	2,448	1,623	1,915	2,548	2,477	2,503	2,438	2,469	2,440	2,435	1,633	2,454	2,450
10		2,443	2,444	2,446	1,623	2,111	2,554	2,504	2,501	2,412	2,469	2,439	2,432	1,799	2,452	2,450
11		2,444	2,443	2,446	1,622	2,110	2,543	2,503	2,504	2,412	2,467	2,439	2,426	2,309	2,452	2,448
12		2,444	1,893	2,446	1,623	2,111	2,554	2,504	2,504	2,412	2,467	2,439	2,423	2,316	2,452	2,448
13		2,443	2,385	2,446	1,623	2,110	2,537	2,503	2,505	2,411	2,465	2,440	2,425	2,315	2,452	2,448
14		2,444	2,711	2,446	1,623	2,110	2,238	2,503	2,505	2,223	2,464	2,438	2,427	2,316	2,450	2,446
15		2,443	2,713	2,446	1,623	2,486	2,553	2,499	2,505	2,460	2,463	2,438	2,426	2,315	2,450	2,446
16		2,444	2,486	2,447	1,623	2,786	2,554	2,503	2,504	2,465	2,213	2,438	2,427	2,316	2,450	2,447
17		2,447	2,446	2,101	1,623	2,776	2,557	2,505	2,505	2,468	1,853	2,439	2,429	2,316	2,452	2,445
18		2,447	2,446	2,438	1,624	2,770	2,558	2,510	2,505	2,470	1,640	2,439	2,431	2,203	2,456	2,447
19		2,447	2,448	2,438	1,625	2,681	2,559	2,510	2,508	2,470	1,889	2,440	2,435	2,461	2,457	2,450
20		2,448	2,448	2,092	1,625	2,682	2,558	2,511	2,508	2,471	2,194	2,441	2,436	2,463	2,460	2,452
21		2,448	2,449	2,057	1,627	2,649	2,560	2,513	2,510	2,470	2,440	2,442	1,961	2,462	2,459	2,452
22		2,448	2,449	2,440	1,626	2,587	2,475	2,513	2,510	2,471	2,441	2,441	1,632	2,462	2,459	2,451
23		2,448	2,451	2,440	1,626	2,588	2,466	2,514	2,511	2,470	2,440	2,441	2,039	2,461	2,460	2,452
24		2,447	2,450	2,440	1,626	2,589	2,466	2,515	2,511	2,469	2,440	2,443	2,294	2,462	2,459	2,452
TOTAL		58,889	58,691	57,630	44,098	52,072	60,991	59,828	60,219	59,079	56,557	58,570	56,625	54,489	58,965	58,851
Cumulative Output Sold, kWhr		58,889	117,580	175,210	219,308	271,380	332,371	392,199	452,418	511,497	568,054	626,624	683,249	737,738	796,703	855,554
Transformer and line efficiency		99.7%	99.7%	99.7%	99.9%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.6%	99.7%	99.7%	99.7%
Hourly average		2,454	2,445	2,401	1,837	2,170	2,541	2,493	2,509	2,462	2,357	2,440	2,359	2,270	2,457	2,452

MAY 2014																	
CNBE Daily Reports Summary Data																	
	Friday 5/16/2014	Saturday 5/17/2014	Sunday 5/18/2014	Monday 5/19/2014	Tuesday 5/20/2014	Wednesday 5/21/2014	Thursday 5/22/2014	Friday 5/23/2014	Saturday 5/24/2014	Sunday 5/25/2014	Monday 5/26/2014	Tuesday 5/27/2014	Wednesday 5/28/2014	Thursday 5/29/2014	Friday 5/30/2014	Saturday 5/31/2014	TOTAL
Landfill Gas Flow to the Engines (K)	1,300	1,290	1,301	1,324	1,343	1,308	1,296	1,293	1,308	1,308	1,302	1,321	1,309	1,319	1,322	1,330	40,546
Landfill Gas Flow to the Engines (M	716	716	721	733	741	727	719	716	726	724	722	731	718	720	732	728	22,431
Landfill Gas Flow to the Flare (KSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Flow to the Flare (MME	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Total Flow (KSCF)	1,300	1,290	1,301	1,324	1,343	1,308	1,296	1,293	1,308	1,308	1,302	1,321	1,309	1,319	1,322	1,330	40,546
Landfill Gas Total Flow (MMBTU H	716	716	721	733	741	727	719	716	726	724	722	731	718	720	732	728	22,431
Average Methane Content (%)	54.4	54.8	54.8	54.7	54.6	54.9	54.8	54.8	54.8	54.7	54.8	54.7	54.2	53.9	54.7	54.0	54.7
Engine 1 Hours	4	-	-	2	16	24	24	24	24	24	24	24	24	24	24	24	398
Engine 2 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	737
Engine 3 Hours	23	24	24	24	21	24	24	24	24	24	24	24	24	24	24	24	740
Engine 4 Hours	23	24	24	24	16	-	-	-	-	-	-	-	-	-	-	-	433
Generator 1 Power Output (kWhr)	2,040	-	-	248	12,712	19,742	19,740	19,742	19,742	19,738	19,742	19,740	19,742	19,746	19,746	19,746	286,012
Generator 2 Power Output (kWhr)	20,206	20,208	20,208	20,207	19,578	20,199	20,200	20,203	20,203	20,199	20,201	20,201	20,202	20,199	20,199	20,200	587,313
Generator 3 Power Output (kWhr)	18,546	19,963	19,964	19,888	17,256	19,967	19,963	19,965	19,964	19,962	19,963	19,966	19,962	19,962	19,963	19,967	615,150
Generator 4 Power Output (kWhr)	18,838	20,179	20,177	20,178	11,152	-	-	-	-	-	-	-	-	-	-	-	349,342
Gross Power Output (kWhr)	59,585	60,299	60,290	60,471	60,687	59,910	59,906	59,912	59,908	59,895	59,902	59,921	59,914	59,914	59,916	59,908	1,837,075
Net Power Output (kWhr)	58,108	58,968	59,008	59,116	59,264	58,424	58,416	58,460	58,480	58,456	58,452	58,404	58,464	58,424	58,440	58,436	1,795,276
Power Sold as metered by NStar, (k	57,940	58,794	58,845	58,942	59,104	58,279	58,279	58,315	58,334	58,328	58,304	58,235	58,337	58,283	58,299	58,304	1,790,476
Offgrid RECs (kWhr)	1,476	1,330	1,283	1,354	1,423	1,487	1,490	1,452	1,428	1,439	1,450	1,517	1,450	1,490	1,476	1,472	41,797
Calculated Performance Results																	
Daily																	
Power output (kW average whe																	
Generator 1	510	-	-	124	795	823	823	823	823	822	823	823	823	823	823	823	
Generator 2	842	842	842	842	816	842	842	842	842	842	842	842	842	842	842	842	
Generator 3	806	832	832	829	822	832	832	832	832	832	832	832	832	832	832	832	
Generator 4	819	841	841	841	697	-	-	-	-	-	-	-	-	-	-	-	
Power output (kW average over																	
Facility Gross	2,483	2,512	2,512	2,520	2,529	2,496	2,496	2,496	2,496	2,496	2,496	2,497	2,496	2,496	2,497	2,496	
Facility Net	2,421	2,457	2,459	2,463	2,469	2,434	2,434	2,436	2,437	2,436	2,436	2,434	2,436	2,434	2,435	2,435	
In-plant load	62	55	53	56	59	62	62	61	60	60	60	63	60	62	62	61	
Daily availability factor																	
Facility	77%	75%	75%	77%	80%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	
Engine 1	17%	0%	0%	8%	67%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 3	96%	100%	100%	100%	88%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 4	96%	100%	100%	100%	67%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Daily capacity factor																	
Facility	75%	76%	76%	76%	77%	76%	76%	76%	76%	76%	76%	76%	76%	76%	76%	76%	
Engine 1	62%	0%	0%	15%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 2	102%	102%	102%	102%	99%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	
Engine 3	98%	101%	101%	100%	100%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	
Engine 4	99%	102%	102%	102%	84%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative by engine																	
Engine operating run hours in tr																	
Max Cumulative Available, t	384	408	432	456	480	504	528	552	576	600	624	648	672	696	720	744	
Engine 1	116	116	116	118	134	158	182	206	230	254	278	302	326	350	374	350	
Engine 2	377	401	425	449	473	497	521	545	569	593	617	641	665	689	713	689	
Engine 3	383	407	431	455	476	500	524	548	572	596	620	644	668	692	716	692	
Engine 4	345	369	393	417	433	433	433	433	433	433	433	433	433	433	433	433	
Engine operating run hours tota																	
Engine 1	68,940	68,940	68,940	68,942	68,958	68,982	69,006	69,030	69,054	69,078	69,102	69,126	69,150	69,174	69,198	69,174	
Engine 2	64,194	64,218	64,242	64,266	64,290	64,314	64,338	64,362	64,386	64,410	64,434	64,458	64,482	64,506	64,530	64,506	
Engine 3	66,414	66,438	66,462	66,486	66,507	66,531	66,555	66,579	66,603	66,627	66,651	66,675	66,699	66,723	66,747	66,723	
Engine 4	65,405	65,429	65,453	65,477	65,493	65,493	65,493	65,493	65,493	65,493	65,493	65,493	65,493	65,493	65,493	65,493	
Cumulative availability, %																	
Engine 1	30%	28%	27%	26%	28%	31%	34%	37%	40%	42%	45%	47%	49%	50%	52%	47%	
Engine 2	98%	98%	98%	98%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	93%	
Engine 3	100%	100%	100%	100%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	93%	
Engine 4	90%	90%	91%	91%	90%	86%	82%	78%	75%	72%	69%	67%	64%	62%	60%	58%	
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	3,869	3,869	3,869	3,993	4,787	5,610	6,432	7,255	8,077	8,900	9,722	10,545	11,367	12,190	13,013	12,190	
Engine 2	12,098	12,940	13,782	14,624	15,440	16,281	17,123	17,965	18,807	19,648	20,490	21,332	22,173	23,015	23,857	23,015	
Engine 3	13,303	14,135	14,967	15,796	16,617	17,449	18,281	19,113	19,945	20,777	21,608	22,440	23,272	24,104	24,936	24,104	
Engine 4	12,868	13,709	14,549	15,390	16,087	16,087	16,087	16,087	16,087	16,087	16,087	16,087	16,087	16,087	16,087	16,087	
Cumulative capacity factor, %																	
Engine 1	29%	28%	26%	25%	29%	32%	35%	38%	41%	43%	45%	47%	49%	51%	53%	51%	
Engine 2	92%	92%	93%	93%	94%	94%	95%	95%	95%	96%	96%	96%	96%	96%	96%	96%	
Engine 3	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	
Engine 4	97%	98%	98%	98%	97%	93%	89%	85%	81%	78%	75%	72%	70%	67%	65%	67%	

	Friday 5/16/2014	Saturday 5/17/2014	Sunday 5/18/2014	Monday 5/19/2014	Tuesday 5/20/2014	Wednesday 5/21/2014	Thursday 5/22/2014	Friday 5/23/2014	Saturday 5/24/2014	Sunday 5/25/2014	Monday 5/26/2014	Tuesday 5/27/2014	Wednesday 5/28/2014	Thursday 5/29/2014	Friday 5/30/2014	Saturday 5/31/2014	TOTAL
Cumulative by Facility in month																	
Max cumulative available engine run hours	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 hours	1,221	1,293	1,365	1,439	1,516	1,588	1,660	1,732	1,804	1,876	1,948	2,020	2,092	2,164	2,236	2,164	
Cumulative Availability, %	79.5%	79.2%	79.0%	78.9%	79.0%	78.8%	78.6%	78.4%	78.3%	78.2%	78.0%	77.9%	77.8%	77.7%	77.6%	77.7%	
Max cumulative gross output, kWh	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, kWh	936,322	996,621	1,056,911	1,117,382	1,178,069	1,237,979	1,297,885	1,357,797	1,417,705	1,477,600	1,537,502	1,597,423	1,657,337	1,717,251	1,777,167	1,717,245	
Cumulative Capacity Factor	73.9%	74.0%	74.1%	74.3%	74.4%	74.4%	74.5%	74.5%	74.6%	74.6%	74.7%	74.7%	74.7%	74.8%	74.8%	74.8%	
Cumulative fuel input, MMBtu/Hr	11,558	12,274	12,995	13,728	14,469	15,196	15,915	16,631	17,357	18,081	18,803	19,534	20,251	20,971	21,703	20,979	
Cumulative gross output, kWh	936,322	996,621	1,056,911	1,117,382	1,178,069	1,237,979	1,297,885	1,357,797	1,417,705	1,477,600	1,537,502	1,597,423	1,657,337	1,717,251	1,777,167	1,717,245	
Heat Rate																	
Daily heat rate, Btu/kWe gross	10,817	10,683	10,771	10,909	10,998	10,921	10,804	10,761	10,903	10,874	10,852	10,980	10,786	10,812	10,999	10,932	
Daily heat rate, Btu/kWe gross	12,016	11,868	11,966	12,118	12,217	12,132	12,002	11,954	12,112	12,079	12,055	12,198	11,982	12,011	12,219	12,144	
Cumulative heat rate, Btu/kWe gross	11,112	11,086	11,068	11,060	11,056	11,050	11,039	11,026	11,021	11,015	11,009	11,008	11,000	10,993	10,993	10,997	
Cumulative heat rate, Btu/kWe gross	12,344	12,315	12,295	12,286	12,282	12,275	12,262	12,249	12,243	12,236	12,229	12,228	12,219	12,212	12,212	12,217	
Cumulative by Facility starting 5/1/2014																	
Max cumulative available engine run hours	12,672	12,768	12,864	12,960	13,056	13,152	13,248	13,344	13,440	13,536	13,632	13,728	13,824	13,920	14,016	13,920	
Actual cumulative engine run hours	10,141	10,213	10,285	10,359	10,436	10,508	10,580	10,652	10,724	10,796	10,868	10,940	11,012	11,084	11,156	11,084	
Cumulative Availability, %	80.0%	80.0%	80.0%	79.9%	79.9%	79.9%	79.9%	79.8%	79.8%	79.8%	79.7%	79.7%	79.7%	79.6%	79.6%	79.6%	
Max cumulative gross output, kWh	10,454,400	10,533,600	10,612,800	10,692,000	10,771,200	10,850,400	10,929,600	11,008,800	11,088,000	11,167,200	11,246,400	11,325,600	11,404,800	11,484,000	11,563,200	11,484,000	
Actual cumulative gross output, kWh	7,724,813	7,785,112	7,845,402	7,905,873	7,966,560	8,026,470	8,086,376	8,146,288	8,206,196	8,266,091	8,325,993	8,385,914	8,445,828	8,505,742	8,565,658	8,505,736	
Cumulative Capacity Factor	73.9%	73.9%	73.9%	73.9%	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%	74.0%	74.1%	74.1%	74.1%	74.1%	
Cumulative fuel input, MMBtu/Hr	96,821	97,536	98,258	98,990	99,732	100,459	101,178	101,894	102,619	103,343	104,065	104,796	105,514	106,233	106,966	106,241	
Cumulative gross output, kWh	7,724,813	7,785,112	7,845,402	7,905,873	7,966,560	8,026,470	8,086,376	8,146,288	8,206,196	8,266,091	8,325,993	8,385,914	8,445,828	8,505,742	8,565,658	8,505,736	
Cumulative heat rate, Btu/kWe gross	11,283	11,278	11,274	11,271	11,269	11,267	11,263	11,260	11,257	11,254	11,251	11,249	11,246	11,243	11,241	11,244	
Cumulative heat rate, Btu/kWe gross	12,534	12,529	12,524	12,521	12,519	12,516	12,512	12,508	12,505	12,502	12,499	12,497	12,493	12,490	12,488	12,491	
Service																	
Engine 1																	
Engine 2																	
Engine 3																	
Engine 4																	
Oil - oil and filter change																	
Service - plugs, air filter, valve inspection																	
Precipitation																	
NSTAR Power Reports	Friday 5/16/2014	Saturday 5/17/2014	Sunday 5/18/2014	Monday 5/19/2014	Tuesday 5/20/2014	Wednesday 5/21/2014	Thursday 5/22/2014	Friday 5/23/2014	Saturday 5/24/2014	Sunday 5/25/2014	Monday 5/26/2014	Tuesday 5/27/2014	Wednesday 5/28/2014	Thursday 5/29/2014	Friday 5/30/2014	Saturday 5/31/2014	TOTAL
Hour																	
1	2,452	2,446	2,453	2,454	2,463	2,436	2,428	2,432	2,433	2,432	2,432	2,429	2,433	2,432	2,433	2,432	
2	2,453	2,446	2,454	2,454	2,463	2,436	2,428	2,433	2,433	2,433	2,432	2,429	2,432	2,432	2,433	2,432	
3	2,453	2,446	2,454	2,454	2,463	2,436	2,428	2,433	2,433	2,433	2,432	2,429	2,432	2,432	2,433	2,432	
4	2,454	2,451	2,454	2,454	2,463	2,436	2,428	2,432	2,433	2,433	2,431	2,430	2,433	2,432	2,433	2,432	
5	2,454	2,451	2,454	2,454	2,464	2,436	2,429	2,433	2,432	2,433	2,432	2,430	2,433	2,432	2,434	2,432	
6	2,455	2,451	2,454	2,455	2,464	2,437	2,429	2,433	2,433	2,433	2,433	2,431	2,433	2,433	2,434	2,431	
7	2,454	2,452	2,454	2,454	2,464	2,437	2,428	2,434	2,433	2,433	2,432	2,431	2,433	2,433	2,434	2,432	
8	2,449	2,453	2,453	2,452	2,461	2,434	2,427	2,432	2,433	2,433	2,431	2,428	2,433	2,429	2,431	2,432	
9	2,448	2,452	2,450	2,446	2,454	2,427	2,426	2,428	2,431	2,431	2,431	2,420	2,428	2,425	2,429	2,431	
10	2,198	2,452	2,449	2,441	2,439	2,425	2,425	2,427	2,430	2,429	2,431	2,419	2,428	2,424	2,425	2,428	
11	2,108	2,451	2,449	2,483	2,438	2,423	2,425	2,425	2,428	2,428	2,431	2,420	2,428	2,423	2,424	2,428	
12	2,378	2,450	2,448	2,453	2,465	2,422	2,424	2,425	2,429	2,428	2,429	2,420	2,428	2,423	2,421	2,427	
13	2,418	2,448	2,449	2,455	2,464	2,422	2,422	2,425	2,428	2,428	2,428	2,419	2,428	2,423	2,421	2,427	
14	2,319	2,447	2,450	2,455	2,592	2,423	2,422	2,425	2,428	2,428	2,428	2,420	2,428	2,422	2,421	2,427	
15	2,441	2,447	2,450	2,455	2,571	2,418	2,425	2,424	2,428	2,427	2,427	2,420	2,428	2,421	2,421	2,427	
16	2,442	2,446	2,450	2,455	2,517	2,420	2,428	2,425	2,428	2,426	2,427	2,421	2,428	2,422	2,424	2,426	
17	2,445	2,447	2,451	2,455	2,425	2,423	2,432	2,429	2,428	2,427	2,426	2,425	2,429	2,427	2,429	2,426	
18	2,445	2,448	2,451	2,455	2,430	2,425	2,432	2,430	2,429	2,428	2,425	2,428	2,432	2,428	2,429	2,428	
19	2,446	2,450	2,452	2,457	2,431	2,426	2,432	2,431	2,429	2,430	2,426	2,430	2,432	2,429	2,430	2,428	
20	2,446	2,451	2,452	2,457	2,434	2,427	2,432	2,431	2,430	2,431	2,428	2,431	2,432	2,431	2,431	2,428	
21	2,446	2,452	2,454	2,458	2,434	2,427	2,432	2,432	2,431	2,431	2,428	2,430	2,432	2,432	2,431	2,429	
22	2,445	2,452	2,453	2,461	2,434	2,427	2,432	2,432	2,431	2,431	2,428	2,431	2,432	2,432	2,433	2,429	
23	2,445	2,452	2,453	2,462	2,435	2,428	2,432	2,432	2,431	2,431	2,427	2,432	2,431	2,432	2,433	2,430	
24	2,446	2,453	2,454	2,463	2,436	2,428	2,433	2,432	2,432	2,431	2,429	2,432	2,431	2,433	2,432	2,430	
TOTAL	57,940	58,794	58,845	58,942	59,104	58,279	58,279	58,315	58,334	58,328	58,304	58,235	58,337	58,283	58,299	58,304	
Cumulative Output Sold, kWh	913,494	972,288	1,031,133	1,090,075	1,149,179	1,207,458	1,265,737	1,324,052	1,382,386	1,440,714	1,499,018	1,557,253	1,615,590	1,673,873	1,732,172	1,790,476	
Transformer and line efficiency	99.7%	99.7%	99.7%	99.7%	99.7%	99.8%	99.8%	99.8%	99.8%	99.8%	99.7%	99.7%	99.8%	99.8%	99.8%	99.8%	0.0%
Hourly average	2,414	2,450	2,452	2,456	2,463	2,428	2,428	2,430	2,431	2,430	2,429	2,426	2,431	2,428	2,429	2,429	2,407

JUNE 2014																
CNBE Daily Reports Summary Data																
		Sunday 6/1/2014	Monday 6/2/2014	Tuesday 6/3/2014	Wednesday 6/4/2014	Thursday 6/5/2014	Friday 6/6/2014	Saturday 6/7/2014	Sunday 6/8/2014	Monday 6/9/2014	Tuesday 6/10/2014	Wednesday 6/11/2014	Thursday 6/12/2014	Friday 6/13/2014	Saturday 6/14/2014	Sunday 6/15/2014
Landfill Gas Flow to the Engines (KSCF)		1,341	1,316	1,295	1,316	1,323	1,367	1,365	1,357	1,344	1,362	1,350	1,348	1,318	1,326	1,361
Landfill Gas Flow to the Engines (MMBTU HHV)		731	717	710	726	729	745	738	730	728	737	724	726	718	715	728
Landfill Gas Flow to the Flare (KSCF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Flow to the Flare (MMBTU HHV)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Total Flow (KSCF)		1,341	1,316	1,295	1,316	1,323	1,367	1,365	1,357	1,344	1,362	1,350	1,348	1,318	1,326	1,361
Landfill Gas Total Flow (MMBTU HHV)		731	717	710	726	729	745	738	730	728	737	724	726	718	715	728
Average Methane Content (%)		53.8	53.9	54.2	54.5	54.4	53.8	53.4	53.2	53.5	53.5	53.0	53.2	53.8	53.3	52.8
Engine 1 Hours		24	24	24	24	24	24	24	24	24	24	9	10	24	24	24
Engine 2 Hours		24	24	24	24	24	24	24	24	24	24	24	15	-	-	-
Engine 3 Hours		24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Engine 4 Hours		-	-	-	-	-	-	-	-	-	-	15	24	24	24	24
Generator 1 Power Output (kWhr)		19,744	19,744	19,742	19,730	19,984	20,090	20,088	20,082	20,084	20,092	7,146	8,190	20,096	20,098	20,092
Generator 2 Power Output (kWhr)		20,195	20,200	20,201	20,188	20,215	20,202	20,211	20,214	20,208	20,204	20,208	11,800	-	-	-
Generator 3 Power Output (kWhr)		19,960	19,965	19,963	19,952	20,130	20,204	20,212	20,216	20,210	20,204	20,206	20,204	20,206	20,204	20,208
Generator 4 Power Output (kWhr)												12,480	20,174	20,177	20,174	20,172
Gross Power Output (kWhr)		59,895	59,913	59,904	59,867	60,333	60,501	60,511	60,528	60,511	60,497	60,009	60,330	60,465	60,477	60,453
Net Power Output (kWhr)		58,376	58,336	58,336	58,368	58,832	58,972	58,976	58,972	58,880	58,892	58,516	58,872	59,020	59,024	58,988
Power Sold as metered by NSTar, (kWhr)		58,239	58,177	58,186	58,271	58,657	58,830	58,817	58,799	58,718	58,739	58,354	58,709	58,862	58,846	58,824
Offgrid RECs (kWhr)		1,519	1,577	1,568	1,500	1,500	1,529	1,535	1,557	1,628	1,605	1,492	1,458	1,445	1,453	1,465
Calculated Performance Results																
Daily																
Power output (kW average when running)																
Generator 1		823	823	823	822	833	837	837	837	837	837	794	819	837	837	837
Generator 2		841	842	842	841	842	842	842	842	842	842	842	787	-	-	-
Generator 3		832	832	832	831	839	842	842	842	842	842	842	842	842	842	842
Generator 4		-	-	-	-	-	-	-	-	-	-	832	841	841	841	841
Power output (kW average over 24-hrs)																
Facility Gross		2,496	2,496	2,496	2,494	2,514	2,521	2,521	2,522	2,521	2,521	2,500	2,514	2,519	2,520	2,519
Facility Net		2,432	2,431	2,431	2,432	2,451	2,457	2,457	2,457	2,453	2,454	2,438	2,453	2,459	2,459	2,458
In-plant load		63	66	65	62	63	64	64	65	68	67	62	61	60	61	61
Daily availability factor																
Facility		75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	76%	75%	75%	75%
Engine 1		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	38%	42%	100%	100%	100%
Engine 2		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	63%	0%	0%	0%
Engine 3		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 4		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	63%	100%	100%	100%	100%
Daily capacity factor																
Facility		76%	76%	76%	76%	76%	76%	76%	76%	76%	76%	76%	76%	76%	76%	76%
Engine 1		100%	100%	100%	100%	101%	101%	101%	101%	101%	101%	96%	99%	101%	102%	101%
Engine 2		102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	95%	0%	0%	0%
Engine 3		101%	101%	101%	101%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%
Engine 4		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	101%	102%	102%	102%	102%
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	240	249	259	283	307	331
Engine 2		24	48	72	96	120	144	168	192	216	240	264	279	279	279	279
Engine 3		24	48	72	96	120	144	168	192	216	240	264	288	312	336	360
Engine 4		0	0	0	0	0	0	0	0	0	0	15	39	63	87	111
Engine operating run hours total from 0 hours																
Engine 1	69,240	69,264	69,288	69,312	69,336	69,360	69,384	69,408	69,432	69,456	69,480	69,489	69,499	69,523	69,547	69,571
Engine 2	64,553	64,577	64,601	64,625	64,649	64,673	64,697	64,721	64,745	64,769	64,793	64,817	64,832	64,832	64,832	64,832
Engine 3	66,794	66,818	66,842	66,866	66,890	66,914	66,938	66,962	66,986	67,010	67,034	67,058	67,082	67,106	67,130	67,154
Engine 4	65,492	65,492	65,492	65,492	65,492	65,492	65,492	65,492	65,492	65,492	65,492	65,507	65,531	65,555	65,579	65,603
Cumulative availability, %	June 1, 2014 @ 00:00 hours															
Engine 1		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	94%	90%	91%	91%	92%
Engine 2		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	97%	89%	83%	78%
Engine 3		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 4		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	6%	14%	20%	26%	31%
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		823	1,645	2,468	3,290	4,113	4,936	5,759	6,582	7,405	8,228	9,051	9,874	10,697	11,520	12,343
Engine 2		841	1,683	2,525	3,366	4,208	5,050	5,892	6,734	7,576	8,418	9,260	10,102	10,944	11,786	12,628
Engine 3		832	1,664	2,495	3,327	4,159	5,001	5,843	6,685	7,527	8,369	9,211	10,053	10,895	11,737	12,579
Engine 4		-	-	-	-	-	-	-	-	-	-	832	1,673	2,513	3,354	4,194
Cumulative capacity factor, %																
Engine 1		100%	100%	100%	100%	100%	100%	100%	101%	101%	101%	100%	100%	100%	100%	100%
Engine 2		102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	101%	94%	87%	81%
Engine 3		101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	102%	102%	102%	102%	102%
Engine 4		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	9%	17%	23%	29%	34%

		Sunday 6/1/2014	Monday 6/2/2014	Tuesday 6/3/2014	Wednesday 6/4/2014	Thursday 6/5/2014	Friday 6/6/2014	Saturday 6/7/2014	Sunday 6/8/2014	Monday 6/9/2014	Tuesday 6/10/2014	Wednesday 6/11/2014	Thursday 6/12/2014	Friday 6/13/2014	Saturday 6/14/2014	Sunday 6/15/2014
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	648	720	792	865	937	1,009	1,081
Cumulative Availability, %		75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.1%	75.1%	75.1%	75.1%
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		59,895	119,808	179,712	239,579	299,912	360,413	420,924	481,452	541,963	602,460	662,469	722,799	783,264	843,741	904,194
Cumulative Capacity Factor		75.6%	75.6%	75.6%	75.6%	75.7%	75.8%	75.9%	76.0%	76.0%	76.1%	76.0%	76.1%	76.1%	76.1%	76.1%
Cumulative fuel input, MMBtu HHV		731	1,448	2,158	2,884	3,612	4,357	5,095	5,825	6,553	7,290	8,014	8,740	9,458	10,173	10,900
Cumulative gross output, kWhr		59,895	119,808	179,712	239,579	299,912	360,413	420,924	481,452	541,963	602,460	662,469	722,799	783,264	843,741	904,194
Heat Rate																
Daily heat rate, Btu/kWe gross LHV		10,982	10,776	10,669	10,915	10,870	11,080	10,974	10,863	10,826	10,970	10,856	10,833	10,692	10,641	10,833
Daily heat rate, Btu/kWe gross HHV		12,200	11,971	11,852	12,125	12,075	12,309	12,191	12,067	12,026	12,186	12,060	12,034	11,878	11,821	12,034
Cumulative heat rate, Btu/kWe gross LHV		10,982	10,879	10,809	10,836	10,842	10,882	10,896	10,892	10,884	10,893	10,889	10,885	10,870	10,853	10,852
Cumulative heat rate, Btu/kWe gross HHV		12,200	12,085	12,008	12,037	12,045	12,089	12,104	12,099	12,091	12,100	12,097	12,091	12,075	12,057	12,055
Cumulative by Facility starting Calendar Year																
Max cumulative available engine run hours		14,016	14,112	14,208	14,304	14,400	14,496	14,592	14,688	14,784	14,880	14,976	15,072	15,168	15,264	15,360
Actual cumulative engine run hours		11,156	11,228	11,300	11,372	11,444	11,516	11,588	11,660	11,732	11,804	11,876	11,949	12,021	12,093	12,165
Cumulative Availability, %		79.6%	79.6%	79.5%	79.5%	79.5%	79.4%	79.4%	79.4%	79.4%	79.3%	79.3%	79.3%	79.3%	79.2%	79.2%
Max cumulative gross output, kWhr		11,563,200	11,642,400	11,721,600	11,800,800	11,880,000	11,959,200	12,038,400	12,117,600	12,196,800	12,276,000	12,355,200	12,434,400	12,513,600	12,592,800	12,672,000
Actual cumulative gross output, kWhr		8,565,631	8,625,544	8,685,448	8,745,315	8,805,648	8,866,149	8,926,660	8,987,188	9,047,699	9,108,196	9,168,205	9,228,535	9,289,000	9,349,477	9,409,930
Cumulative Capacity Factor		74.1%	74.1%	74.1%	74.1%	74.1%	74.1%	74.2%	74.2%	74.2%	74.2%	74.2%	74.2%	74.2%	74.2%	74.3%
Cumulative fuel input, MMBtu HHV		106,972	107,689	108,399	109,125	109,854	110,598	111,336	112,066	112,794	113,531	114,255	114,981	115,699	116,414	117,142
Cumulative gross output, kWhr		8,565,631	8,625,544	8,685,448	8,745,315	8,805,648	8,866,149	8,926,660	8,987,188	9,047,699	9,108,196	9,168,205	9,228,535	9,289,000	9,349,477	9,409,930
Cumulative heat rate, Btu/kWe gross LHV		11,242	11,239	11,235	11,233	11,230	11,229	11,228	11,225	11,222	11,221	11,218	11,216	11,212	11,209	11,206
Cumulative heat rate, Btu/kWe gross HHV		12,489	12,485	12,481	12,478	12,475	12,474	12,472	12,470	12,467	12,465	12,462	12,459	12,456	12,451	12,449
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																
Date		Sunday 6/1/2014	Monday 6/2/2014	Tuesday 6/3/2014	Wednesday 6/4/2014	Thursday 6/5/2014	Friday 6/6/2014	Saturday 6/7/2014	Sunday 6/8/2014	Monday 6/9/2014	Tuesday 6/10/2014	Wednesday 6/11/2014	Thursday 6/12/2014	Friday 6/13/2014	Saturday 6/14/2014	Sunday 6/15/2014
Hour																
1		2,431	2,428	2,428	2,429	2,430	2,456	2,453	2,452	2,451	2,450	2,453	2,458	2,455	2,453	2,455
2		2,431	2,428	2,428	2,429	2,430	2,456	2,452	2,452	2,452	2,450	2,453	2,458	2,456	2,453	2,455
3		2,431	2,429	2,428	2,430	2,430	2,456	2,452	2,452	2,452	2,450	2,452	2,458	2,456	2,453	2,454
4		2,430	2,429	2,428	2,430	2,430	2,456	2,453	2,452	2,452	2,451	2,453	2,458	2,456	2,453	2,455
5		2,430	2,429	2,428	2,430	2,430	2,456	2,454	2,452	2,452	2,451	2,453	2,459	2,456	2,454	2,455
6		2,431	2,430	2,430	2,430	2,431	2,456	2,454	2,452	2,452	2,452	2,454	2,460	2,456	2,454	2,455
7		2,431	2,430	2,429	2,431	2,431	2,455	2,453	2,451	2,452	2,450	2,453	2,460	2,456	2,454	2,454
8		2,428	2,427	2,426	2,430	2,432	2,451	2,451	2,451	2,447	2,450	2,452	2,457	2,457	2,454	2,452
9		2,425	2,421	2,420	2,430	2,437	2,448	2,450	2,448	2,442	2,445	2,102	2,449	2,453	2,453	2,450
10		2,425	2,418	2,417	2,422	2,449	2,447	2,449	2,448	2,442	2,443	2,290	2,448	2,451	2,451	2,449
11		2,424	2,418	2,418	2,422	2,449	2,447	2,449	2,448	2,443	2,442	2,448	2,448	2,451	2,450	2,449
12		2,423	2,418	2,417	2,424	2,449	2,447	2,449	2,447	2,442	2,442	2,448	2,448	2,449	2,451	2,449
13		2,423	2,417	2,417	2,422	2,449	2,445	2,448	2,448	2,442	2,442	2,448	2,449	2,447	2,451	2,448
14		2,423	2,417	2,418	2,422	2,449	2,445	2,449	2,448	2,443	2,443	2,448	2,320	2,447	2,451	2,448
15		2,422	2,417	2,418	2,423	2,449	2,446	2,449	2,447	2,443	2,443	2,448	2,401	2,447	2,451	2,448
16		2,423	2,418	2,420	2,424	2,450	2,449	2,448	2,448	2,443	2,444	2,448	2,447	2,451	2,449	2,448
17		2,424	2,419	2,424	2,429	2,450	2,451	2,449	2,448	2,443	2,447	2,452	2,451	2,453	2,450	2,448
18		2,424	2,424	2,425	2,431	2,452	2,451	2,449	2,449	2,443	2,447	2,454	2,452	2,453	2,451	2,449
19		2,426	2,425	2,426	2,430	2,455	2,451	2,449	2,450	2,444	2,447	2,455	2,454	2,452	2,451	2,449
20		2,426	2,426	2,427	2,431	2,455	2,452	2,451	2,451	2,444	2,448	2,457	2,454	2,452	2,451	2,450
21		2,428	2,428	2,427	2,431	2,455	2,452	2,452	2,452	2,446	2,449	2,458	2,455	2,452	2,450	2,450
22		2,427	2,427	2,429	2,431	2,455	2,452	2,452	2,451	2,449	2,450	2,459	2,455	2,452	2,451	2,450
23		2,427	2,427	2,429	2,430	2,454	2,452	2,451	2,451	2,449	2,451	2,458	2,455	2,452	2,453	2,452
24		2,426	2,427	2,429	2,430	2,456	2,453	2,451	2,451	2,450	2,452	2,458	2,455	2,452	2,454	2,452
TOTAL		58,239	58,177	58,186	58,271	58,657	58,830	58,817	58,799	58,718	58,739	58,354	58,709	58,862	58,846	58,824
Cumulative Output Sold, kWhr		58,239	116,416	174,602	232,873	291,530	350,360	409,177	467,976	526,694	585,433	643,787	702,496	761,358	820,204	879,028
Transformer and line efficiency		99.8%	99.7%	99.7%	99.8%	99.7%	99.8%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%
Hourly average		2,427	2,424	2,424	2,428	2,444	2,451	2,451	2,450	2,447	2,447	2,431	2,446	2,453	2,452	2,451

JUNE 2014																
CNBE Daily Reports Summary Data																
	Monday 6/16/2014	Tuesday 6/17/2014	Wednesday 6/18/2014	Thursday 6/19/2014	Friday 6/20/2014	Saturday 6/21/2014	Sunday 6/22/2014	Monday 6/23/2014	Tuesday 6/24/2014	Wednesday 6/25/2014	Thursday 6/26/2014	Friday 6/27/2014	Saturday 6/28/2014	Sunday 6/29/2014	Monday 6/30/2014	TOTAL
Landfill Gas Flow to the Engines (K)	1,379	1,361	1,324	1,300	1,347	1,356	1,348	1,323	1,321	1,301	1,358	1,397	1,420	1,405	1,389	40,419
Landfill Gas Flow to the Engines (M	737	726	708	695	721	725	721	702	706	699	720	726	730	731	727	21,674
Landfill Gas Flow to the Flare (KSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Flow to the Flare (MME	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Total Flow (KSCF)	1,379	1,361	1,324	1,300	1,347	1,356	1,348	1,323	1,321	1,301	1,358	1,397	1,420	1,405	1,389	40,419
Landfill Gas Total Flow (MMBTU H	737	726	708	695	721	725	721	702	706	699	720	726	730	731	727	21,674
Average Methane Content (%)	52.8	52.7	52.8	52.8	52.9	52.8	52.9	52.4	52.8	53.1	52.4	51.3	50.8	51.4	51.7	53.0
Engine 1 Hours	24	24	24	23	24	24	24	24	24	24	24	24	24	24	24	690
Engine 2 Hours	-	-	-	11	24	24	24	12	-	-	-	-	-	-	9	383
Engine 3 Hours	24	24	24	23	24	24	24	23	24	23	24	24	24	24	15	708
Engine 4 Hours	24	24	24	17	-	-	13	24	24	24	24	24	24	24	24	381
Generator 1 Power Output (kWhr)	20,094	20,094	20,090	18,770	20,092	20,092	20,090	18,728	19,500	19,358	20,098	20,102	20,100	20,098	20,098	572,406
Generator 2 Power Output (kWhr)	-	-	-	8,515	20,204	20,204	20,200	10,499	-	-	-	-	-	-	6,928	320,596
Generator 3 Power Output (kWhr)	20,208	19,810	18,584	16,790	17,880	17,950	17,290	19,428	19,014	20,212	20,212	20,214	20,218	20,214	13,484	581,290
Generator 4 Power Output (kWhr)	20,171	19,776	19,494	13,912	18,201	18,265	18,258	19,420	19,429	20,170	20,170	20,174	20,177	20,172	20,170	315,876
Gross Power Output (kWhr)	60,459	59,673	58,184	58,014	58,201	58,265	58,258	56,180	58,357	57,804	60,503	60,501	60,498	60,495	60,678	1,790,264
Net Power Output (kWhr)	58,936	58,108	56,484	56,304	56,556	56,576	56,576	54,564	56,848	56,296	58,984	59,056	59,064	59,076	59,148	1,743,936
Power Sold as metered by NStar, (k	58,759	57,932	56,272	56,109	56,398	56,417	56,429	54,420	56,686	56,135	58,818	58,906	58,918	58,925	58,963	1,739,115
Offgrid RECs (kWhr)	1,523	1,565	1,701	1,710	1,645	1,689	1,682	1,615	1,509	1,508	1,519	1,445	1,434	1,419	1,530	46,325
Calculated Performance Results																
Daily																
Power output (kW average whe																
Generator 1	837	837	837	816	837	837	837	780	813	807	837	838	838	837	837	
Generator 2	-	-	-	774	842	842	842	875	-	-	-	-	-	-	770	
Generator 3	842	825	774	730	745	748	748	752	810	827	842	842	842	842	899	
Generator 4	840	824	812	818	-	-	-	741	809	810	840	841	841	841	840	
Power output (kW average over																
Facility Gross	2,519	2,486	2,424	2,417	2,425	2,428	2,427	2,341	2,432	2,409	2,521	2,521	2,521	2,521	2,528	
Facility Net	2,456	2,421	2,354	2,346	2,357	2,357	2,357	2,274	2,369	2,346	2,458	2,461	2,461	2,462	2,465	
In-plant load	63	65	71	71	69	70	70	67	63	63	63	60	60	59	64	
Daily availability factor																
Facility	75%	75%	75%	77%	75%	75%	75%	75%	75%	74%	75%	75%	75%	75%	75%	
Engine 1	100%	100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 2	0%	0%	0%	46%	100%	100%	100%	50%	0%	0%	0%	0%	0%	0%	38%	
Engine 3	100%	100%	100%	96%	100%	100%	100%	96%	100%	96%	100%	100%	100%	100%	63%	
Engine 4	100%	100%	100%	71%	0%	0%	0%	54%	100%	100%	100%	100%	100%	100%	100%	
Daily capacity factor																
Facility	76%	75%	73%	73%	73%	74%	74%	71%	74%	73%	76%	76%	76%	76%	77%	
Engine 1	101%	101%	101%	99%	101%	101%	101%	95%	98%	98%	102%	102%	102%	102%	102%	
Engine 2	0%	0%	0%	94%	102%	102%	102%	106%	0%	0%	0%	0%	0%	0%	93%	
Engine 3	102%	100%	94%	88%	90%	91%	91%	91%	98%	100%	102%	102%	102%	102%	109%	
Engine 4	102%	100%	98%	99%	0%	0%	0%	90%	98%	98%	102%	102%	102%	102%	102%	
Cumulative by engine																
Engine operating run hours in tr																
Max Cumulative Available, t	384	408	432	456	480	504	528	552	576	600	624	648	672	696	720	
Engine 1	355	379	403	426	450	474	498	522	546	570	594	618	642	666	690	
Engine 2	279	279	279	290	314	338	362	374	374	374	374	374	374	374	383	
Engine 3	384	408	432	455	479	503	527	550	574	597	621	645	669	693	708	
Engine 4	135	159	183	200	200	200	200	213	237	261	285	309	333	357	381	
Engine operating run hours tota																
Engine 1	69,595	69,619	69,643	69,666	69,690	69,714	69,738	69,762	69,786	69,810	69,834	69,858	69,882	69,906	69,930	
Engine 2	64,832	64,832	64,832	64,843	64,867	64,891	64,915	64,927	64,927	64,927	64,927	64,927	64,927	64,927	64,936	
Engine 3	67,178	67,202	67,226	67,249	67,273	67,297	67,321	67,344	67,368	67,391	67,415	67,439	67,463	67,487	67,502	
Engine 4	65,627	65,651	65,675	65,692	65,692	65,692	65,692	65,705	65,729	65,753	65,777	65,801	65,825	65,849	65,873	
Cumulative availability, %																
Engine 1	92%	93%	93%	93%	94%	94%	94%	95%	95%	95%	95%	95%	96%	96%	96%	
Engine 2	73%	68%	65%	64%	65%	67%	69%	68%	65%	62%	60%	58%	56%	54%	53%	
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	98%	
Engine 4	35%	39%	42%	44%	42%	40%	38%	39%	41%	44%	46%	48%	50%	51%	53%	
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	
Engine 1	13,270	14,107	14,944	15,760	16,597	17,434	18,272	19,052	19,864	20,671	21,508	22,346	23,183	24,021	24,858	
Engine 2	10,047	10,047	10,047	10,821	11,663	12,505	13,346	14,221	14,221	14,221	14,221	14,221	14,221	14,221	14,991	
Engine 3	13,427	14,253	15,027	15,757	16,502	17,250	17,998	18,749	19,559	20,386	21,228	22,070	22,913	23,755	24,654	
Engine 4	5,035	5,859	6,671	7,489	7,489	7,489	7,489	8,231	9,040	9,849	10,690	11,530	12,371	13,211	14,052	
Cumulative capacity factor, %																
Engine 1	101%	101%	101%	101%	101%	101%	101%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 2	76%	72%	68%	69%	71%	72%	74%	75%	72%	69%	66%	64%	62%	59%	61%	
Engine 3	102%	102%	101%	101%	100%	100%	99%	99%	99%	99%	99%	99%	99%	99%	100%	
Engine 4	38%	42%	45%	48%	45%	43%	41%	43%	46%	48%	50%	52%	54%	55%	57%	

	Monday 6/16/2014	Tuesday 6/17/2014	Wednesday 6/18/2014	Thursday 6/19/2014	Friday 6/20/2014	Saturday 6/21/2014	Sunday 6/22/2014	Monday 6/23/2014	Tuesday 6/24/2014	Wednesday 6/25/2014	Thursday 6/26/2014	Friday 6/27/2014	Saturday 6/28/2014	Sunday 6/29/2014	Monday 6/30/2014	TOTAL
Cumulative by Facility in month																
Max cumulative available engine run hours	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	
Actual cumulative engine run hours	1,153	1,225	1,297	1,371	1,443	1,515	1,587	1,659	1,731	1,802	1,874	1,946	2,018	2,090	2,162	
Cumulative Availability, %	75.1%	75.1%	75.1%	75.2%	75.2%	75.1%	75.1%	75.1%	75.1%	75.1%	75.1%	75.1%	75.1%	75.1%	75.1%	
Max cumulative gross output, kWh	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	
Actual cumulative gross output, kWh	964,653	1,024,326	1,082,510	1,140,524	1,198,725	1,256,990	1,315,248	1,371,428	1,429,785	1,487,589	1,548,092	1,608,593	1,669,091	1,729,586	1,790,264	
Cumulative Capacity Factor	76.1%	76.1%	75.9%	75.8%	75.7%	75.6%	75.5%	75.3%	75.2%	75.1%	75.2%	75.2%	75.3%	75.3%	75.3%	
Cumulative fuel input, MMBtu/Hr	11,637	12,363	13,071	13,766	14,487	15,212	15,933	16,635	17,341	18,040	18,760	19,486	20,216	20,947	21,674	
Cumulative gross output, kWh	964,653	1,024,326	1,082,510	1,140,524	1,198,725	1,256,990	1,315,248	1,371,428	1,429,785	1,487,589	1,548,092	1,608,593	1,669,091	1,729,586	1,790,264	
Heat Rate																
Daily heat rate, Btu/kWe gross	10,971	10,955	10,949	10,784	11,147	11,203	11,142	11,253	10,894	10,884	10,705	10,798	10,865	10,876	10,788	
Daily heat rate, Btu/kWe gross	12,187	12,170	12,163	11,980	12,383	12,445	12,378	12,501	12,101	12,091	11,892	11,995	12,070	12,082	11,985	
Cumulative heat rate, Btu/kWe gross	10,860	10,865	10,870	10,865	10,879	10,894	10,905	10,919	10,918	10,917	10,909	10,904	10,903	10,902	10,898	
Cumulative heat rate, Btu/kWe gross	12,064	12,070	12,075	12,070	12,085	12,102	12,114	12,130	12,129	12,127	12,118	12,113	12,112	12,111	12,106	
Cumulative by Facility starting 6/1/2014																
Max cumulative available engine run hours	15,456	15,552	15,648	15,744	15,840	15,936	16,032	16,128	16,224	16,320	16,416	16,512	16,608	16,704	16,800	
Actual cumulative engine run hours	12,237	12,309	12,381	12,455	12,527	12,599	12,671	12,743	12,815	12,886	12,958	13,030	13,102	13,174	13,246	
Cumulative Availability, %	79.2%	79.1%	79.1%	79.1%	79.1%	79.1%	79.0%	79.0%	79.0%	79.0%	78.9%	78.9%	78.9%	78.9%	78.8%	
Max cumulative gross output, kWh	12,751,200	12,830,400	12,909,600	12,988,800	13,068,000	13,147,200	13,226,400	13,305,600	13,384,800	13,464,000	13,543,200	13,622,400	13,701,600	13,780,800	13,860,000	
Actual cumulative gross output, kWh	9,470,389	9,530,062	9,588,246	9,646,260	9,704,461	9,762,726	9,820,984	9,877,164	9,935,521	9,993,325	10,053,828	10,114,329	10,174,827	10,235,322	10,296,000	
Cumulative Capacity Factor	74.3%	74.3%	74.3%	74.3%	74.3%	74.3%	74.3%	74.2%	74.2%	74.2%	74.2%	74.2%	74.3%	74.3%	74.3%	
Cumulative fuel input, MMBtu/Hr	117,878	118,605	119,312	120,007	120,728	121,453	122,174	122,877	123,583	124,282	125,001	125,727	126,457	127,188	127,915	
Cumulative gross output, kWh	9,470,389	9,530,062	9,588,246	9,646,260	9,704,461	9,762,726	9,820,984	9,877,164	9,935,521	9,993,325	10,053,828	10,114,329	10,174,827	10,235,322	10,296,000	
Cumulative heat rate, Btu/kWe gross	11,205	11,203	11,202	11,199	11,199	11,199	11,199	11,199	11,197	11,195	11,192	11,190	11,188	11,186	11,184	
Cumulative heat rate, Btu/kWe gross	12,447	12,445	12,444	12,441	12,440	12,440	12,440	12,440	12,438	12,436	12,433	12,431	12,428	12,426	12,424	
Service																
Engine 1																
Engine 2																
Engine 3																
Engine 4																
Oil - oil and filter change																
Service - plugs, air filter, valve inspection																
Precipitation																
NSTAR Power Reports	Monday 6/16/2014	Tuesday 6/17/2014	Wednesday 6/18/2014	Thursday 6/19/2014	Friday 6/20/2014	Saturday 6/21/2014	Sunday 6/22/2014	Monday 6/23/2014	Tuesday 6/24/2014	Wednesday 6/25/2014	Thursday 6/26/2014	Friday 6/27/2014	Saturday 6/28/2014	Sunday 6/29/2014	Monday 6/30/2014	TOTAL
Hour																
1	2,453	2,450	2,360	2,334	2,361	2,354	2,354	2,354	2,275	2,455	2,451	2,458	2,460	2,459	2,458	
2	2,454	2,451	2,360	2,335	2,361	2,355	2,354	2,354	2,275	2,454	2,451	2,458	2,460	2,459	2,459	
3	2,454	2,451	2,361	2,335	2,361	2,355	2,354	2,355	2,275	2,455	2,451	2,459	2,460	2,460	2,459	
4	2,454	2,451	2,361	2,335	2,362	2,354	2,354	2,354	2,276	2,455	2,451	2,458	2,460	2,460	2,459	
5	2,454	2,451	2,362	2,335	2,362	2,355	2,354	2,355	2,276	2,455	2,452	2,459	2,460	2,460	2,458	
6	2,454	2,452	2,362	2,336	2,362	2,355	2,355	2,355	2,277	2,456	2,453	2,459	2,461	2,460	2,459	
7	2,454	2,452	2,362	2,336	2,361	2,355	2,355	2,355	2,277	2,454	2,453	2,458	2,460	2,460	2,459	
8	2,450	2,451	2,360	2,336	2,359	2,353	2,352	2,352	2,273	2,452	2,452	2,455	2,457	2,457	2,456	
9	2,443	2,448	2,357	2,332	2,351	2,351	2,351	2,345	2,196	2,445	2,451	2,452	2,452	2,453	2,446	
10	2,442	2,446	2,347	2,334	2,349	2,350	2,349	2,342	2,303	2,432	2,446	2,448	2,449	2,452	2,435	
11	2,442	2,442	2,348	2,335	2,349	2,347	2,348	2,342	2,325	566	2,445	2,446	2,448	2,451	2,432	
12	2,443	2,439	2,348	2,334	2,273	2,343	2,347	2,013	2,325	1,821	2,444	2,447	2,448	2,451	2,432	
13	2,442	2,440	2,342	2,333	2,343	2,343	2,347	2,034	2,392	2,326	2,443	2,447	2,449	2,450	2,434	
14	2,442	2,439	2,328	2,304	2,344	2,344	2,347	1,921	2,441	2,445	2,444	2,447	2,450	2,449	2,437	
15	2,441	2,438	2,327	2,335	2,343	2,347	2,347	2,151	2,443	2,444	2,450	2,449	2,450	2,449	2,441	
16	2,446	2,365	2,326	2,307	2,347	2,348	2,349	2,264	2,443	2,444	2,446	2,452	2,451	2,450	2,552	
17	2,447	2,354	2,329	2,323	2,347	2,348	2,349	2,265	2,444	2,445	2,447	2,453	2,451	2,451	2,528	
18	2,448	2,354	2,332	2,346	2,348	2,349	2,349	2,269	2,447	2,444	2,453	2,453	2,452	2,452	2,448	
19	2,448	2,359	2,333	2,354	2,350	2,350	2,350	2,271	2,452	2,445	2,455	2,455	2,454	2,454	2,450	
20	2,448	2,360	2,333	2,355	2,351	2,352	2,351	2,272	2,454	2,445	2,455	2,457	2,455	2,456	2,451	
21	2,449	2,360	2,334	2,357	2,352	2,352	2,353	2,274	2,454	2,447	2,456	2,458	2,457	2,458	2,451	
22	2,450	2,360	2,333	2,357	2,354	2,352	2,353	2,274	2,454	2,449	2,456	2,459	2,458	2,458	2,452	
23	2,450	2,359	2,333	2,360	2,354	2,352	2,353	2,274	2,454	2,450	2,456	2,459	2,457	2,458	2,453	
24	2,451	2,360	2,334	2,361	2,354	2,353	2,354	2,275	2,455	2,451	2,457	2,460	2,459	2,458	2,454	
TOTAL	58,759	57,932	56,272	56,109	56,398	56,417	56,429	54,420	56,686	56,135	58,818	58,906	58,918	58,925	58,963	
Cumulative Output Sold, kWh	937,787	995,719	1,051,991	1,108,100	1,164,498	1,220,915	1,277,344	1,331,764	1,388,450	1,444,585	1,503,403	1,562,309	1,621,227	1,680,152	1,739,115	
Transformer and line efficiency	99.7%	99.7%	99.6%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.8%	99.7%	99.7%	0.0%
Hourly average	2,448	2,414	2,345	2,338	2,350	2,351	2,351	2,268	2,362	2,339	2,451	2,454	2,455	2,455	2,457	2,415

JULY 2014																		
CNBE Daily Reports Summary Data																		
		Tuesday 7/1/2014	Wednesday 7/2/2014	Thursday 7/3/2014	Friday 7/4/2014	Saturday 7/5/2014	Sunday 7/6/2014	Monday 7/7/2014	Tuesday 7/8/2014	Wednesday 7/9/2014	Thursday 7/10/2014	Friday 7/11/2014	Saturday 7/12/2014	Sunday 7/13/2014	Monday 7/14/2014	Tuesday 7/15/2014		
Landfill Gas Flow to the Engines (KSCF)		1,364	1,378	1,369	1,306	1,308	1,314	1,295	1,360	1,345	1,342	1,409	1,476	1,450	1,416	1,356		
Landfill Gas Flow to the Engines (MMBTU HHV)		716	723	718	692	714	719	708	738	734	730	761	790	775	756	726		
Landfill Gas Flow to the Flare (KSCF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Landfill Gas Flow to the Flare (MMBTU HHV)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Landfill Gas Total Flow (KSCF)		1,364	1,378	1,369	1,306	1,308	1,314	1,295	1,360	1,345	1,342	1,409	1,476	1,450	1,416	1,356		
Landfill Gas Total Flow (MMBTU HHV)		716	723	718	692	714	719	708	738	734	730	761	790	775	756	726		
Average Methane Content (%)		51.9	51.9	51.9	52.3	53.9	54.1	54.1	53.6	53.9	53.8	53.3	52.9	52.9	52.7	52.9		
Engine 1 Hours		24	24	24	14	-	-	4	9	24	24	24	24	24	24	24		
Engine 2 Hours		24	24	24	23	24	24	24	24	24	24	24	24	24	24	24		
Engine 3 Hours		-	-	-	9	24	24	24	24	24	24	24	24	24	23	24		
Engine 4 Hours		24	24	24	23	24	24	24	16	-	-	15	24	24	24	11		
Generator 1 Power Output (kWhr)		20,040	20,090	20,092	11,974	-	-	376	6,744	20,084	20,082	17,686	16,220	16,218	15,584	18,022		
Generator 2 Power Output (kWhr)		20,147	20,201	20,205	19,483	20,206	20,205	20,204	20,205	20,201	20,201	17,786	16,306	15,568	15,071	18,140		
Generator 3 Power Output (kWhr)		-	-	-	7,136	20,206	20,208	20,044	20,208	20,208	20,204	17,826	16,298	15,470	15,038	18,138		
Generator 4 Power Output (kWhr)		20,119	20,170	20,170	19,451	20,167	20,167	19,652	13,542	-	-	9,913	16,086	15,717	15,885	6,584		
Gross Power Output (kWhr)		60,360	60,515	60,522	58,070	60,519	60,521	60,209	60,664	60,491	60,483	63,217	64,926	62,986	61,583	60,902		
Net Power Output (kWhr)		58,796	58,920	58,932	56,704	59,096	59,040	58,624	59,020	58,928	59,004	61,620	63,232	61,296	59,868	59,228		
Power Sold as metered by NStar, (kWhr)		58,745	58,717	58,721	56,537	58,916	58,858	58,449	58,841	58,767	58,843	61,435	63,045	61,126	59,693	59,049		
Offgrid RECs (kWhr)		1,568	1,595	1,591	1,365	1,423	1,481	1,585	1,645	1,562	1,479	1,598	1,693	1,691	1,714	1,675		
Calculated Performance Results																		
Daily																		
Power output (kW average when running)																		
Generator 1		835	837	837	855	-	-	94	749	837	837	737	676	676	649	751		
Generator 2		839	842	842	847	842	842	842	842	842	842	741	679	649	628	756		
Generator 3		-	-	-	793	842	842	835	842	842	842	743	679	645	654	756		
Generator 4		838	840	840	846	840	840	819	846	-	-	661	670	655	662	599		
Power output (kW average over 24-hrs)																		
Facility Gross		2,515	2,521	2,522	2,420	2,522	2,522	2,509	2,528	2,520	2,520	2,634	2,705	2,624	2,566	2,538		
Facility Net		2,450	2,455	2,456	2,363	2,462	2,460	2,443	2,459	2,455	2,459	2,568	2,635	2,554	2,495	2,468		
In-plant load		65	66	66	57	59	62	66	69	65	62	67	71	70	71	70		
Daily availability factor																		
Facility		75%	75%	75%	72%	75%	75%	79%	76%	75%	75%	91%	100%	100%	99%	86%		
Engine 1		100%	100%	100%	58%	0%	0%	17%	38%	100%	100%	100%	100%	100%	100%	100%		
Engine 2		100%	100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
Engine 3		0%	0%	0%	38%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%		
Engine 4		100%	100%	100%	96%	100%	100%	100%	67%	0%	0%	63%	100%	100%	100%	46%		
Daily capacity factor																		
Facility		76%	76%	76%	73%	76%	76%	76%	77%	76%	76%	80%	82%	80%	78%	77%		
Engine 1		101%	101%	101%	104%	0%	0%	11%	91%	101%	101%	89%	82%	82%	79%	91%		
Engine 2		102%	102%	102%	103%	102%	102%	102%	102%	102%	102%	90%	82%	79%	76%	92%		
Engine 3		0%	0%	0%	96%	102%	102%	101%	102%	102%	102%	90%	82%	78%	79%	92%		
Engine 4		102%	102%	102%	103%	102%	102%	99%	103%	0%	0%	80%	81%	79%	80%	73%		
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	86	86	86	90	99	123	147	171	195	219	243	267		
Engine 2		24	48	72	95	119	143	167	191	215	239	263	287	311	335	359		
Engine 3		0	0	0	9	33	57	81	105	129	153	177	201	225	248	272		
Engine 4		24	48	72	95	119	143	167	183	183	183	198	222	246	270	281		
Engine operating run hours total from 0 hours																		
Engine 1		69,240	69,264	69,288	69,312	69,326	69,326	69,330	69,339	69,363	69,387	69,411	69,435	69,459	69,483	69,507		
Engine 2		64,553	64,577	64,601	64,625	64,648	64,672	64,696	64,720	64,744	64,768	64,792	64,816	64,840	64,868	64,912		
Engine 3		66,794	66,794	66,794	66,794	66,803	66,827	66,851	66,875	66,899	66,923	66,947	66,971	66,995	67,019	67,066		
Engine 4		66,492	66,516	66,540	66,564	66,587	66,611	66,635	66,659	66,675	66,675	66,690	66,714	66,738	66,762	66,773		
Cumulative availability, %		July 1, 2014 @ 00:00 hours																
Engine 1		100%	100%	100%	90%	72%	60%	54%	52%	57%	61%	65%	68%	70%	72%	74%		
Engine 2		100%	100%	100%	99%	99%	99%	99%	99%	100%	100%	100%	100%	100%	100%	100%		
Engine 3		0%	0%	0%	9%	28%	40%	48%	55%	60%	64%	67%	70%	72%	74%	76%		
Engine 4		100%	100%	100%	99%	99%	99%	99%	95%	85%	76%	75%	77%	79%	80%	78%		
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		835	1,672	2,509	3,365	3,365	3,365	3,459	4,208	5,045	5,881	6,618	7,294	7,970	8,619	9,370		
Engine 2		839	1,681	2,523	3,370	4,212	5,054	5,896	6,738	7,579	8,421	9,162	9,842	10,490	11,118	11,874		
Engine 3		-	-	-	793	1,635	2,477	3,312	4,154	4,996	5,838	6,581	7,260	7,904	8,558	9,314		
Engine 4		838	1,679	2,519	3,365	4,205	5,045	5,864	6,711	7,553	8,395	9,237	10,079	10,921	11,763	12,605		
Cumulative capacity factor, %																		
Engine 1		101%	101%	101%	102%	82%	68%	60%	64%	68%	71%	73%	74%	74%	75%	76%		
Engine 2		102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	101%	99%	98%	96%	96%		
Engine 3		0%	0%	0%	24%	40%	50%	57%	63%	67%	71%	73%	73%	74%	74%	75%		
Engine 4		102%	102%	102%	102%	102%	102%	102%	102%	90%	81%	81%	81%	81%	81%	80%		

		Tuesday 7/1/2014	Wednesday 7/2/2014	Thursday 7/3/2014	Friday 7/4/2014	Saturday 7/5/2014	Sunday 7/6/2014	Monday 7/7/2014	Tuesday 7/8/2014	Wednesday 7/9/2014	Thursday 7/10/2014	Friday 7/11/2014	Saturday 7/12/2014	Sunday 7/13/2014	Monday 7/14/2014	Tuesday 7/15/2014
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	285	357	429	505	578	650	722	809	905	1,001	1,096	1,179
Cumulative Availability, %		75.0%	75.0%	75.0%	74.2%	74.4%	74.5%	75.1%	75.3%	75.2%	75.2%	76.6%	78.6%	80.2%	81.5%	81.9%
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		60,360	120,875	181,397	239,467	299,986	360,507	420,716	481,380	541,871	602,354	665,571	730,497	793,483	855,066	915,968
Cumulative Capacity Factor		76.2%	76.3%	76.3%	75.6%	75.8%	75.9%	75.9%	76.0%	76.0%	76.1%	76.4%	76.9%	77.1%	77.1%	77.1%
Cumulative fuel input, MMBtu HHV		716	1,439	2,157	2,849	3,562	4,281	4,990	5,728	6,462	7,192	7,953	8,743	9,518	10,274	11,000
Cumulative gross output, kWhr		60,360	120,875	181,397	239,467	299,986	360,507	420,716	481,380	541,871	602,354	665,571	730,497	793,483	855,066	915,968
Heat Rate																
Daily heat rate, Btu/kWe gross LHV		10,672	10,760	10,684	10,720	10,613	10,697	10,591	10,956	10,919	10,869	10,834	10,952	11,082	11,048	10,724
Daily heat rate, Btu/kWe gross HHV		11,856	11,952	11,868	11,908	11,790	11,883	11,766	12,170	12,129	12,074	12,035	12,166	12,311	12,273	11,913
Cumulative heat rate, Btu/kWe gross LHV		10,672	10,716	10,705	10,709	10,689	10,691	10,677	10,712	10,735	10,748	10,756	10,774	10,798	10,816	10,810
Cumulative heat rate, Btu/kWe gross HHV		11,856	11,904	11,892	11,896	11,875	11,876	11,860	11,899	11,925	11,940	11,949	11,968	11,995	12,015	12,009
Cumulative by Facility starting Calendar Year																
Max cumulative available engine run hours		16,896	16,992	17,088	17,184	17,280	17,376	17,472	17,568	17,664	17,760	17,856	17,952	18,048	18,144	18,240
Actual cumulative engine run hours		13,318	13,390	13,462	13,531	13,603	13,675	13,751	13,824	13,896	13,968	14,055	14,151	14,247	14,342	14,425
Cumulative Availability, %		78.8%	78.8%	78.8%	78.7%	78.7%	78.7%	78.7%	78.7%	78.7%	78.6%	78.7%	78.8%	78.9%	79.0%	79.1%
Max cumulative gross output, kWhr		13,939,200	14,018,400	14,097,600	14,176,800	14,256,000	14,335,200	14,414,400	14,493,600	14,572,800	14,652,000	14,731,200	14,810,400	14,889,600	14,968,800	15,048,000
Actual cumulative gross output, kWhr		10,356,360	10,416,875	10,477,397	10,535,467	10,595,986	10,656,507	10,716,716	10,777,380	10,837,871	10,898,354	10,961,571	11,026,497	11,089,483	11,151,066	11,211,968
Cumulative Capacity Factor		74.3%	74.3%	74.3%	74.3%	74.3%	74.3%	74.3%	74.4%	74.4%	74.4%	74.4%	74.5%	74.5%	74.5%	74.5%
Cumulative fuel input, MMBtu HHV		128,631	129,354	130,072	130,764	131,477	132,197	132,905	133,643	134,377	135,107	135,868	136,658	137,433	138,189	138,915
Cumulative gross output, kWhr		10,356,360	10,416,875	10,477,397	10,535,467	10,595,986	10,656,507	10,716,716	10,777,380	10,837,871	10,898,354	10,961,571	11,026,497	11,089,483	11,151,066	11,211,968
Cumulative heat rate, Btu/kWe gross LHV		11,181	11,178	11,176	11,173	11,170	11,167	11,164	11,163	11,161	11,160	11,158	11,157	11,156	11,156	11,153
Cumulative heat rate, Btu/kWe gross HHV		12,420	12,418	12,415	12,412	12,408	12,405	12,402	12,400	12,399	12,397	12,395	12,394	12,393	12,392	12,390
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																
Date		Tuesday 7/1/2014	Wednesday 7/2/2014	Thursday 7/3/2014	Friday 7/4/2014	Saturday 7/5/2014	Sunday 7/6/2014	Monday 7/7/2014	Tuesday 7/8/2014	Wednesday 7/9/2014	Thursday 7/10/2014	Friday 7/11/2014	Saturday 7/12/2014	Sunday 7/13/2014	Monday 7/14/2014	Tuesday 7/15/2014
Hour																
1		2,454	2,448	2,450	2,451	2,457	2,456	2,454	2,452	2,449	2,452	2,457	2,638	2,587	2,535	2,498
2		2,454	2,449	2,450	2,452	2,457	2,457	2,454	2,452	2,449	2,453	2,456	2,638	2,587	2,536	2,499
3		2,454	2,448	2,449	2,452	2,457	2,457	2,454	2,453	2,450	2,453	2,457	2,639	2,587	2,536	2,498
4		2,454	2,449	2,450	2,452	2,458	2,457	2,455	2,453	2,449	2,453	2,458	2,639	2,587	2,536	2,498
5		2,455	2,449	2,450	2,452	2,458	2,458	2,455	2,454	2,449	2,454	2,458	2,640	2,587	2,536	2,498
6		2,456	2,449	2,451	2,454	2,460	2,459	2,456	2,454	2,451	2,454	2,459	2,640	2,588	2,537	2,498
7		2,455	2,449	2,451	2,452	2,460	2,457	2,454	2,454	2,450	2,455	2,459	2,638	2,587	2,536	2,498
8		2,448	2,446	2,448	2,451	2,460	2,454	2,454	2,452	2,448	2,453	2,458	2,635	2,557	2,517	2,498
9		2,445	2,443	2,446	2,450	2,457	2,452	2,448	2,444	2,447	2,451	2,453	2,633	2,529	2,487	2,497
10		2,444	2,442	2,444	2,454	2,454	2,450	2,443	2,441	2,447	2,450	2,699	2,632	2,485	2,211	2,494
11		2,443	2,443	2,443	2,452	2,453	2,449	2,441	2,440	2,444	2,447	2,625	2,632	2,487	2,328	2,303
12		2,442	2,442	2,440	2,452	2,452	2,449	2,448	2,461	2,441	2,447	2,536	2,631	2,529	2,288	2,441
13		2,442	2,442	2,441	2,452	2,451	2,448	2,494	2,437	2,444	2,447	2,536	2,631	2,535	2,592	2,440
14		2,440	2,441	2,440	750	2,451	2,448	2,439	2,433	2,444	2,447	2,597	2,630	2,534	2,516	2,441
15		2,440	2,441	2,439	1,918	2,450	2,447	2,299	2,435	2,445	2,447	2,616	2,630	2,534	2,516	2,439
16		2,442	2,441	2,442	2,311	2,451	2,447	2,215	2,539	2,444	2,448	2,629	2,631	2,535	2,500	2,439
17		2,446	2,446	2,445	2,461	2,451	2,448	2,441	2,444	2,450	2,452	2,633	2,631	2,535	2,497	2,440
18		2,446	2,448	2,446	2,462	2,451	2,450	2,445	2,446	2,451	2,453	2,634	2,631	2,537	2,499	2,442
19		2,447	2,450	2,448	2,461	2,453	2,451	2,450	2,449	2,452	2,453	2,635	2,632	2,537	2,499	2,447
20		2,447	2,450	2,449	2,461	2,454	2,451	2,450	2,450	2,453	2,453	2,635	2,633	2,538	2,499	2,448
21		2,448	2,450	2,450	2,460	2,455	2,453	2,450	2,450	2,453	2,454	2,635	2,605	2,537	2,498	2,448
22		2,448	2,451	2,450	2,460	2,455	2,453	2,450	2,450	2,453	2,455	2,636	2,585	2,536	2,499	2,449
23		2,447	2,450	2,449	2,459	2,455	2,453	2,449	2,449	2,452	2,455	2,636	2,585	2,535	2,498	2,448
24		2,448	2,450	2,450	2,458	2,456	2,454	2,451	2,449	2,452	2,457	2,638	2,586	2,536	2,497	2,448
TOTAL		58,745	58,717	58,721	56,537	58,916	58,858	58,449	58,841	58,767	58,843	61,435	63,045	61,126	59,693	59,049
Cumulative Output Sold, kWhr		58,745	117,462	176,183	232,720	291,636	350,494	408,943	467,784	526,551	585,394	646,829	709,874	771,000	830,693	889,742
Transformer and line efficiency		99.9%	99.7%	99.6%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%
Hourly average		2,448	2,447	2,447	2,356	2,455	2,452	2,435	2,452	2,449	2,452	2,560	2,627	2,547	2,487	2,460

JULY 2014																		
CNBE Daily Reports Summary Data		Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	TOTAL
		7/16/2014	7/17/2014	7/18/2014	7/19/2014	7/20/2014	7/21/2014	7/22/2014	7/23/2014	7/24/2014	7/25/2014	7/26/2014	7/27/2014	7/28/2014	7/29/2014	7/30/2014	7/31/2014	
Landfill Gas Flow to the Engines (K)		1,281	1,330	1,407	1,437	1,454	1,449	1,457	1,441	1,385	1,351	1,299	1,300	1,292	1,327	1,315	1,322	42,334
Landfill Gas Flow to the Engines (M		698	725	758	759	771	766	771	770	749	736	718	721	716	724	722	727	22,828
Landfill Gas Flow to the Flare (KSC		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Flow to the Flare (MME		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Total Flow (KSCF)		1,281	1,330	1,407	1,437	1,454	1,449	1,457	1,441	1,385	1,351	1,299	1,300	1,292	1,327	1,315	1,322	42,334
Landfill Gas Total Flow (MMBTU Hr		698	725	758	759	771	766	771	770	749	736	718	721	716	724	722	727	22,828
Average Methane Content (%)		53.8	53.8	53.2	52.2	52.4	52.2	52.3	52.8	53.4	53.8	54.6	54.8	54.7	53.9	54.3	54.3	53.3
Engine 1 Hours		24	24	24	24	24	24	24	24	24	24	18	-	-	-	-	-	525
Engine 2 Hours		24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	743
Engine 3 Hours		16	-	14	24	24	24	24	24	24	24	24	24	24	24	24	24	614
Engine 4 Hours		9	24	24	24	24	24	24	24	11	-	6	24	24	24	24	24	595
Generator 1 Power Output (kWhr)		20,084	20,080	18,402	16,452	16,450	16,450	16,452	16,448	18,374	20,084	14,636	-	-	-	-	-	397,124
Generator 2 Power Output (kWhr)		20,201	20,198	18,506	16,539	16,536	16,538	16,533	16,530	18,470	20,192	19,689	20,195	20,200	20,201	20,202	20,202	585,061
Generator 3 Power Output (kWhr)		13,220	-	8,802	16,520	16,516	16,256	16,244	15,708	17,914	20,198	19,692	20,190	20,200	20,198	20,194	20,198	473,034
Generator 4 Power Output (kWhr)		6,994	20,166	16,003	12,713	12,711	12,900	13,155	13,160	6,169	-	4,168	20,165	20,172	20,168	20,169	20,166	436,602
Gross Power Output (kWhr)		60,514	60,499	61,734	62,229	62,224	62,163	62,329	61,770	60,861	60,452	58,187	60,493	60,507	60,495	60,502	60,498	1,891,425
Net Power Output (kWhr)		58,884	58,828	60,068	60,600	60,608	60,480	60,640	60,060	59,256	58,968	56,768	59,032	58,936	58,964	58,976	58,944	1,842,320
Power Sold as metered by NStar, (k		58,728	58,634	59,889	60,434	60,449	60,306	60,451	59,836	59,046	58,792	56,637	58,875	58,761	58,789	58,800	58,773	1,836,942
Offgrid RECs (kWhr)		1,630	1,671	1,665	1,630	1,615	1,683	1,690	1,710	1,603	1,484	1,419	1,461	1,571	1,531	1,526	1,554	49,108
Calculated Performance Results																		
Daily																		
Power output (kW average whe																		
	Generator 1	837	837	767	686	685	685	686	685	766	837	813	-	-	-	-	-	
	Generator 2	842	842	771	689	689	689	689	689	770	841	820	841	842	842	842	842	
	Generator 3	826	-	629	688	688	677	677	655	746	842	821	841	842	842	841	842	
	Generator 4	777	840	667	530	530	538	548	548	561	-	695	840	841	840	840	840	
Power output (kW average over																		
	Facility Gross	2,521	2,521	2,572	2,593	2,593	2,590	2,597	2,574	2,536	2,519	2,424	2,521	2,521	2,521	2,521	2,521	
	Facility Net	2,454	2,451	2,503	2,525	2,525	2,520	2,527	2,503	2,469	2,457	2,365	2,460	2,456	2,457	2,457	2,456	
	In-plant load	68	70	69	68	67	70	70	71	67	62	59	61	65	64	64	65	
Daily availability factor																		
	Facility	76%	75%	90%	100%	100%	100%	100%	100%	86%	75%	75%	75%	75%	75%	75%	75%	
	Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	0%	0%	0%	0%	0%	
	Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
	Engine 3	67%	0%	58%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
	Engine 4	38%	100%	100%	100%	100%	100%	100%	100%	46%	0%	25%	100%	100%	100%	100%	100%	
Daily capacity factor																		
	Facility	76%	76%	78%	79%	79%	78%	79%	78%	77%	76%	73%	76%	76%	76%	76%	76%	
	Engine 1	101%	101%	93%	83%	83%	83%	83%	83%	93%	101%	99%	0%	0%	0%	0%	0%	
	Engine 2	102%	102%	93%	84%	84%	84%	84%	83%	93%	102%	99%	102%	102%	102%	102%	102%	
	Engine 3	100%	0%	76%	83%	83%	82%	82%	79%	90%	102%	99%	102%	102%	102%	102%	102%	
	Engine 4	94%	102%	81%	64%	64%	65%	66%	66%	68%	0%	84%	102%	102%	102%	102%	102%	
Cumulative by engine																		
Engine operating run hours in th																		
	Max Cumulative Available, t	384	408	432	456	480	504	528	552	576	600	624	648	672	696	720	720	
	Engine 1	291	315	339	363	387	411	435	459	483	507	525	525	525	525	525	525	
	Engine 2	383	407	431	455	479	503	527	551	575	599	623	647	671	695	719	719	
	Engine 3	288	288	302	326	350	374	398	422	446	470	494	518	542	566	590	590	
	Engine 4	290	314	338	362	386	410	434	458	469	469	475	499	523	547	571	571	
Engine operating run hours tota																		
	Engine 1	69,531	69,555	69,579	69,603	69,627	69,651	69,675	69,699	69,723	69,747	69,765	69,765	69,765	69,765	69,765	69,765	
	Engine 2	64,936	64,960	64,984	65,008	65,032	65,056	65,080	65,104	65,128	65,152	65,176	65,200	65,224	65,248	65,272	65,272	
	Engine 3	67,082	67,082	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	67,384	
	Engine 4	66,782	66,806	66,830	66,854	66,878	66,902	66,926	66,950	66,961	66,961	66,967	66,991	67,015	67,039	67,063	67,063	
Cumulative availability, %																		
	Engine 1	76%	77%	78%	80%	81%	82%	82%	83%	84%	85%	84%	81%	78%	75%	73%	73%	
	Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
	Engine 3	75%	71%	70%	71%	73%	74%	75%	76%	77%	78%	79%	80%	81%	81%	82%	82%	
	Engine 4	76%	77%	78%	79%	80%	81%	82%	83%	81%	78%	76%	77%	78%	79%	79%	79%	
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	24,750	
	Engine 1	10,207	11,044	11,810	12,496	13,181	13,867	14,552	15,238	16,003	16,840	17,653	17,653	17,653	17,653	17,653	17,653	
	Engine 2	12,716	13,557	14,328	15,018	15,707	16,396	17,084	17,773	18,543	19,384	20,205	21,046	21,888	22,729	23,571	23,571	
	Engine 3	10,140	10,140	10,769	11,457	12,145	12,823	13,499	14,154	14,900	15,742	16,562	17,404	18,245	19,087	19,928	19,929	
	Engine 4	10,734	11,574	12,241	12,771	13,301	13,838	14,386	14,934	15,495	15,495	16,190	17,030	17,871	18,711	19,551	19,551	
Cumulative capacity factor, %																		
	Engine 1	77%	79%	80%	80%	80%	80%	80%	80%	81%	82%	82%	79%	76%	74%	71%	71%	
	Engine 2	96%	97%	96%	96%	95%	95%	94%	94%	94%	94%	94%	94%	95%	95%	95%	95%	
	Engine 3	77%	72%	73%	73%	74%	74%	74%	75%	75%	76%	77%	78%	79%	80%	81%	81%	
	Engine 4	81%	83%	82%	81%	81%	80%	79%	79%	78%	75%	75%	76%	77%	78%	79%	79%	

	Wednesday 7/16/2014	Thursday 7/17/2014	Friday 7/18/2014	Saturday 7/19/2014	Sunday 7/20/2014	Monday 7/21/2014	Tuesday 7/22/2014	Wednesday 7/23/2014	Thursday 7/24/2014	Friday 7/25/2014	Saturday 7/26/2014	Sunday 7/27/2014	Monday 7/28/2014	Tuesday 7/29/2014	Wednesday 7/30/2014	Thursday 7/31/2014	TOTAL
Cumulative by Facility in month																	
Max cumulative available engin	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	2,880	
Actual cumulative engine run h	1,252	1,324	1,410	1,506	1,602	1,698	1,794	1,890	1,973	2,045	2,117	2,189	2,261	2,333	2,405	2,405	
Cumulative Availability, %	81.5%	81.1%	81.6%	82.6%	83.4%	84.2%	84.9%	85.6%	85.6%	85.2%	84.8%	84.5%	84.1%	83.8%	83.5%	83.5%	
Max cumulative gross output, kW	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	2,376,000	
Actual cumulative gross output, kW	976,482	1,036,981	1,098,715	1,160,944	1,223,168	1,285,331	1,347,660	1,409,430	1,470,291	1,530,743	1,588,930	1,649,423	1,709,930	1,770,425	1,830,927	1,830,923	
Cumulative Capacity Factor	77.1%	77.0%	77.1%	77.1%	77.2%	77.3%	77.3%	77.4%	77.4%	77.3%	77.2%	77.1%	77.1%	77.1%	77.1%	77.1%	
Cumulative fuel input, MMBtu H	11,697	12,422	13,180	13,939	14,710	15,475	16,246	17,016	17,765	18,501	19,218	19,940	20,655	21,379	22,101	22,106	
Cumulative gross output, kWhr	976,482	1,036,981	1,098,715	1,160,944	1,223,168	1,285,331	1,347,660	1,409,430	1,470,291	1,530,743	1,588,930	1,649,423	1,709,930	1,770,425	1,830,927	1,830,923	
Heat Rate																	
Daily heat rate, Btu/kWe gross t	10,377	10,782	11,053	10,983	11,148	11,088	11,130	11,222	11,080	10,954	11,102	10,735	10,646	10,776	10,742	10,810	
Daily heat rate, Btu/kWe gross t	11,528	11,977	12,278	12,200	12,384	12,318	12,363	12,466	12,308	12,168	12,333	11,925	11,827	11,971	11,933	12,009	
Cumulative heat rate, Btu/kWe g	10,783	10,783	10,798	10,808	10,826	10,838	10,852	10,868	10,877	10,880	10,888	10,882	10,874	10,871	10,866	10,869	
Cumulative heat rate, Btu/kWe g	11,979	11,979	11,996	12,007	12,026	12,040	12,055	12,073	12,083	12,086	12,095	12,089	12,080	12,076	12,071	12,074	
Cumulative by Facility starting C																	
Max cumulative available engin	18,336	18,432	18,528	18,624	18,720	18,816	18,912	19,008	19,104	19,200	19,296	19,392	19,488	19,584	19,680	19,680	
Actual cumulative engine run h	14,498	14,570	14,656	14,752	14,848	14,944	15,040	15,136	15,219	15,291	15,363	15,435	15,507	15,579	15,651	15,651	
Cumulative Availability, %	79.1%	79.0%	79.1%	79.2%	79.3%	79.4%	79.5%	79.6%	79.7%	79.6%	79.6%	79.6%	79.6%	79.5%	79.5%	79.5%	
Max cumulative gross output, kW	15,127,200	15,206,400	15,285,600	15,364,800	15,444,000	15,523,200	15,602,400	15,681,600	15,760,800	15,840,000	15,919,200	15,998,400	16,077,600	16,156,800	16,236,000	16,236,000	
Actual cumulative gross output, kW	11,272,482	11,332,981	11,394,715	11,456,944	11,519,168	11,581,331	11,643,660	11,705,430	11,766,291	11,826,743	11,884,930	11,945,423	12,005,930	12,066,425	12,126,927	12,126,923	
Cumulative Capacity Factor	74.5%	74.5%	74.5%	74.6%	74.6%	74.6%	74.6%	74.6%	74.7%	74.7%	74.7%	74.7%	74.7%	74.7%	74.7%	74.7%	
Cumulative fuel input, MMBtu H	139,612	140,337	141,095	141,854	142,625	143,390	144,161	144,931	145,680	146,416	147,133	147,855	148,570	149,294	150,016	150,021	
Cumulative gross output, kWhr	11,272,482	11,332,981	11,394,715	11,456,944	11,519,168	11,581,331	11,643,660	11,705,430	11,766,291	11,826,743	11,884,930	11,945,423	12,005,930	12,066,425	12,126,927	12,126,923	
Cumulative heat rate, Btu/kWe g	11,149	11,147	11,147	11,146	11,146	11,145	11,145	11,146	11,145	11,144	11,144	11,142	11,140	11,138	11,136	11,136	
Cumulative heat rate, Btu/kWe g	12,385	12,383	12,382	12,381	12,382	12,381	12,381	12,382	12,381	12,380	12,380	12,378	12,375	12,373	12,371	12,371	
Service																	
Engine 1																	
Engine 2																	
Engine 3																	
Engine 4																	
Oil - oil and filter change																	
Service - plugs, air filter, valve inspe																	
Precipitation																	
NSTAR Power Reports	Wednesday 7/16/2014	Thursday 7/17/2014	Friday 7/18/2014	Saturday 7/19/2014	Sunday 7/20/2014	Monday 7/21/2014	Tuesday 7/22/2014	Wednesday 7/23/2014	Thursday 7/24/2014	Friday 7/25/2014	Saturday 7/26/2014	Sunday 7/27/2014	Monday 7/28/2014	Tuesday 7/29/2014	Wednesday 7/30/2014	Thursday 7/31/2014	TOTAL
Date																	
Hour																	
1	2,450	2,448	2,448	2,520	2,519	2,520	2,539	2,481	2,482	2,449	2,457	2,455	2,452	2,454	2,452	2,455	
2	2,450	2,448	2,449	2,521	2,520	2,521	2,539	2,488	2,486	2,449	2,456	2,455	2,453	2,455	2,453	2,456	
3	2,449	2,448	2,449	2,522	2,520	2,521	2,540	2,529	2,487	2,450	2,456	2,455	2,452	2,455	2,454	2,456	
4	2,449	2,449	2,448	2,522	2,520	2,520	2,540	2,530	2,487	2,450	2,457	2,455	2,452	2,454	2,454	2,456	
5	2,449	2,448	2,449	2,521	2,521	2,520	2,539	2,534	2,486	2,450	2,457	2,455	2,452	2,455	2,455	2,457	
6	2,451	2,450	2,450	2,522	2,521	2,521	2,540	2,527	2,487	2,451	2,458	2,454	2,453	2,456	2,455	2,457	
7	2,450	2,447	2,449	2,522	2,520	2,521	2,540	2,530	2,488	2,452	2,458	2,455	2,453	2,457	2,456	2,457	
8	2,445	2,443	2,447	2,519	2,520	2,520	2,537	2,528	2,486	2,448	1,332	2,453	2,452	2,454	2,456	2,454	
9	2,443	2,443	2,439	2,518	2,519	2,499	2,533	2,525	2,473	2,450	2,103	2,453	2,446	2,448	2,448	2,446	
10	2,443	2,438	2,443	2,516	2,518	2,466	2,527	2,495	2,472	2,448	2,454	2,451	2,443	2,446	2,445	2,442	
11	2,444	2,436	2,624	2,515	2,517	2,464	2,523	2,475	2,470	2,447	2,451	2,449	2,439	2,445	2,444	2,441	
12	2,444	2,437	2,564	2,515	2,517	2,462	2,524	2,475	2,430	2,443	2,451	2,450	2,439	2,443	2,444	2,439	
13	2,444	2,436	2,523	2,515	2,517	2,460	2,523	2,474	2,437	2,446	2,451	2,453	2,439	2,441	2,443	2,439	
14	2,442	2,437	2,524	2,514	2,517	2,461	2,524	2,470	2,435	2,446	2,449	2,453	2,441	2,442	2,443	2,439	
15	2,442	2,437	2,524	2,515	2,517	2,524	2,523	2,471	2,437	2,445	2,450	2,453	2,443	2,442	2,443	2,440	
16	2,462	2,438	2,520	2,514	2,517	2,527	2,520	2,473	2,437	2,446	2,451	2,453	2,444	2,441	2,443	2,439	
17	2,440	2,439	2,516	2,516	2,517	2,527	2,520	2,474	2,439	2,449	2,453	2,452	2,447	2,442	2,443	2,439	
18	2,446	2,442	2,516	2,516	2,518	2,528	2,523	2,479	2,439	2,450	2,453	2,453	2,448	2,447	2,448	2,443	
19	2,448	2,443	2,516	2,517	2,518	2,535	2,503	2,479	2,446	2,451	1,735	2,453	2,450	2,450	2,451	2,450	
20	2,448	2,444	2,517	2,518	2,518	2,537	2,478	2,480	2,448	2,453	2,384	2,454	2,451	2,452	2,452	2,452	
21	2,448	2,445	2,517	2,519	2,518	2,537	2,478	2,479	2,448	2,454	2,455	2,453	2,452	2,453	2,454	2,454	
22	2,447	2,445	2,519	2,519	2,520	2,538	2,479	2,480	2,448	2,455	2,456	2,452	2,453	2,452	2,455	2,453	
23	2,447	2,446	2,519	2,519	2,520	2,538	2,479	2,480	2,449	2,455	2,455	2,453	2,453	2,452	2,454	2,454	
24	2,447	2,447	2,519	2,519	2,520	2,539	2,480	2,480	2,449	2,455	2,455	2,453	2,454	2,453	2,455	2,455	
TOTAL	58,728	58,634	59,889	60,434	60,449	60,306	60,451	59,836	59,046	58,792	56,637	58,875	58,761	58,789	58,800	58,773	
Cumulative Output Sold, kW	948,470	1,007,104	1,066,993	1,127,427	1,187,876	1,248,182	1,308,633	1,368,469	1,427,515	1,486,307	1,542,944	1,601,819	1,660,580	1,719,369	1,778,169	1,836,942	
Transformer and line efficienc	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.6%	99.6%	99.7%	99.8%	99.7%	99.7%	99.7%	99.7%	99.7%	0.0%
Hourly average	2,447	2,443	2,495	2,518	2,519	2,513	2,519	2,493	2,460	2,450	2,360	2,453	2,448	2,450	2,450	2,449	2,469

AUGUST 2014																
CNBE Daily Reports Summary Data																
	Friday 8/1/2014	Saturday 8/2/2014	Sunday 8/3/2014	Monday 8/4/2014	Tuesday 8/5/2014	Wednesday 8/6/2014	Thursday 8/7/2014	Friday 8/8/2014	Saturday 8/9/2014	Sunday 8/10/2014	Monday 8/11/2014	Tuesday 8/12/2014	Wednesday 8/13/2014	Thursday 8/14/2014	Friday 8/15/2014	
Landfill Gas Flow to the Engines (KSCF)	1,295	1,286	1,239	1,295	1,297	1,289	1,260	1,304	1,308	1,291	1,190	1,227	1,266	1,305	1,314	
Landfill Gas Flow to the Engines (MMBTU HHV)	709	710	690	715	719	719	701	724	725	719	666	695	716	725	733	
Landfill Gas Flow to the Flare (KSCF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Flow to the Flare (MMBTU HHV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Total Flow (KSCF)	1,295	1,286	1,239	1,295	1,297	1,289	1,260	1,304	1,308	1,291	1,190	1,227	1,266	1,305	1,314	
Landfill Gas Total Flow (MMBTU HHV)	709	710	690	715	719	719	701	724	725	719	666	695	716	725	733	
Average Methane Content (%)	54.1	54.5	55.0	54.5	54.8	55.1	55.0	54.8	54.8	55.0	55.3	56.0	55.9	54.9	55.1	
Engine 1 Hours	-	-	-	15	24	24	24	24	24	24	24	23	24	24	24	
Engine 2 Hours	24	24	23	24	24	24	24	24	24	23	18	24	23	24	24	
Engine 3 Hours	24	24	23	24	24	24	23	24	24	24	22	24	24	24	24	
Engine 4 Hours	24	24	23	10	-	-	-	-	-	-	-	-	-	-	-	
Generator 1 Power Output (kWhr)	-	-	-	12,012	19,618	19,624	19,626	19,618	19,622	19,630	18,892	18,310	20,094	20,092	20,092	
Generator 2 Power Output (kWhr)	20,202	20,203	19,327	20,199	20,196	20,197	19,672	19,123	19,122	17,398	15,376	19,864	18,217	19,587	19,716	
Generator 3 Power Output (kWhr)	20,198	20,202	19,328	20,204	20,210	20,208	18,406	20,208	20,206	20,206	17,522	18,082	19,630	19,836	19,970	
Generator 4 Power Output (kWhr)	20,169	20,167	19,167	8,102	-	-	-	-	-	-	-	-	-	-	-	
Gross Power Output (kWhr)	60,504	60,518	57,785	60,500	60,031	60,037	57,712	58,961	58,970	57,232	51,787	56,274	57,953	59,517	59,788	
Net Power Output (kWhr)	58,932	59,092	56,396	58,944	58,464	58,528	56,264	57,504	57,544	55,832	50,380	54,912	56,576	58,024	58,264	
Power Sold as metered by NStar, (kWhr)	58,747	58,914	56,244	58,779	58,312	58,379	56,120	57,336	57,368	55,658	50,260	54,737	56,409	57,859	58,097	
Offgrid RECs (kWhr)	1,572	1,426	1,389	1,556	1,567	1,509	1,448	1,457	1,425	1,401	1,406	1,363	1,376	1,494	1,523	
Calculated Performance Results																
Daily																
Power output (kW average when running)																
Generator 1	-	-	-	801	817	818	818	817	818	818	787	796	837	837	837	
Generator 2	842	842	840	842	842	842	820	797	797	756	854	828	792	816	822	
Generator 3	842	842	840	842	842	842	800	842	842	842	796	753	818	827	832	
Generator 4	840	840	833	810	-	-	-	-	-	-	-	-	-	-	-	
Power output (kW average over 24-hrs)																
Facility Gross	2,521	2,522	2,408	2,521	2,501	2,502	2,405	2,457	2,457	2,385	2,158	2,345	2,415	2,480	2,491	
Facility Net	2,456	2,462	2,350	2,456	2,436	2,439	2,344	2,396	2,398	2,326	2,099	2,288	2,357	2,418	2,428	
In-plant load	66	59	58	65	65	63	60	61	59	58	59	57	57	62	64	
Daily availability factor																
Facility	75%	75%	72%	76%	75%	75%	74%	75%	75%	74%	67%	74%	74%	75%	75%	
Engine 1	0%	0%	0%	63%	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	
Engine 2	100%	100%	96%	100%	100%	100%	100%	100%	100%	96%	75%	100%	96%	100%	100%	
Engine 3	100%	100%	96%	100%	100%	100%	96%	100%	100%	100%	92%	100%	100%	100%	100%	
Engine 4	100%	100%	96%	42%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Daily capacity factor																
Facility	76%	76%	73%	76%	76%	76%	73%	74%	74%	72%	65%	71%	73%	75%	75%	
Engine 1	0%	0%	0%	97%	99%	99%	99%	99%	99%	99%	95%	96%	101%	101%	101%	
Engine 2	102%	102%	102%	102%	102%	102%	99%	97%	97%	92%	104%	100%	96%	99%	100%	
Engine 3	102%	102%	102%	102%	102%	102%	97%	102%	102%	102%	97%	91%	99%	100%	101%	
Engine 4	102%	102%	101%	98%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
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	0	0	0	15	39	63	87	111	135	159	183	206	230	254	278	
Engine 2	24	48	71	95	119	143	167	191	215	238	256	280	303	327	351	
Engine 3	24	48	71	95	119	143	166	190	214	238	260	284	308	332	356	
Engine 4	24	48	71	81	81	81	81	81	81	81	81	81	81	81	81	
Engine operating run hours total from 0 hours																
Engine 1	69,776	69,776	69,776	69,791	69,815	69,839	69,863	69,887	69,911	69,935	69,959	69,982	70,006	70,030	70,054	
Engine 2	65,103	65,127	65,150	65,174	65,198	65,222	65,246	65,270	65,294	65,317	65,335	65,359	65,382	65,406	65,430	
Engine 3	67,601	67,625	67,648	67,672	67,696	67,720	67,743	67,767	67,791	67,815	67,837	67,861	67,885	67,909	67,933	
Engine 4	66,309	66,333	66,357	66,380	66,390	66,390	66,390	66,390	66,390	66,390	66,390	66,390	66,390	66,390	66,390	
Cumulative availability, %	August 1, 2014 @ 00:00 hours															
Engine 1	0%	0%	0%	16%	33%	44%	52%	58%	63%	66%	69%	72%	74%	76%	77%	
Engine 2	100%	100%	99%	99%	99%	99%	99%	99%	100%	99%	97%	97%	97%	97%	98%	
Engine 3	100%	100%	99%	99%	99%	99%	99%	99%	99%	99%	98%	99%	99%	99%	99%	
Engine 4	100%	100%	99%	84%	68%	56%	48%	42%	38%	34%	31%	28%	26%	24%	23%	
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	-	-	-	801	1,618	2,436	3,254	4,071	4,889	5,707	6,494	7,290	8,127	8,964	9,801	
Engine 2	842	1,684	2,524	3,365	4,207	5,049	5,888	6,665	7,462	8,218	9,072	9,900	10,692	11,508	12,330	
Engine 3	842	1,683	2,524	3,366	4,208	5,050	5,850	6,692	7,534	8,376	9,172	9,926	10,743	11,570	12,402	
Engine 4	840	1,681	2,514	3,324	3,324	3,324	3,324	3,324	3,324	3,324	3,324	3,324	3,324	3,324	3,324	
Cumulative capacity factor, %																
Engine 1	0%	0%	0%	24%	39%	49%	56%	62%	66%	69%	72%	74%	76%	78%	79%	
Engine 2	102%	102%	102%	102%	102%	102%	102%	101%	100%	100%	100%	100%	100%	100%	100%	
Engine 3	102%	102%	102%	102%	102%	102%	101%	101%	101%	102%	101%	100%	100%	100%	100%	
Engine 4	102%	102%	102%	101%	81%	67%	58%	50%	45%	40%	37%	34%	31%	29%	27%	

		Friday 8/1/2014	Saturday 8/2/2014	Sunday 8/3/2014	Monday 8/4/2014	Tuesday 8/5/2014	Wednesday 8/6/2014	Thursday 8/7/2014	Friday 8/8/2014	Saturday 8/9/2014	Sunday 8/10/2014	Monday 8/11/2014	Tuesday 8/12/2014	Wednesday 8/13/2014	Thursday 8/14/2014	Friday 8/15/2014
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	213	286	358	430	501	573	645	716	780	851	922	994	1,066
Cumulative Availability, %		75.0%	75.0%	74.0%	74.5%	74.6%	74.7%	74.6%	74.6%	74.7%	74.6%	73.9%	73.9%	73.9%	74.0%	74.0%
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		60,504	121,022	178,807	239,307	299,338	359,375	417,087	476,048	535,018	592,250	644,037	700,311	758,264	817,781	877,569
Cumulative Capacity Factor		76.4%	76.4%	75.3%	75.5%	75.6%	75.6%	75.2%	75.1%	75.1%	74.8%	73.9%	73.7%	73.6%	73.8%	73.9%
Cumulative fuel input, MMBtu HHV		709	1,419	2,109	2,824	3,543	4,262	4,963	5,687	6,412	7,131	7,796	8,492	9,208	9,932	10,666
Cumulative gross output, kWhr		60,504	121,022	178,807	239,307	299,338	359,375	417,087	476,048	535,018	592,250	644,037	700,311	758,264	817,781	877,569
Heat Rate																
Daily heat rate, Btu/kWe gross LHV		10,552	10,560	10,748	10,639	10,788	10,773	10,936	11,048	11,072	11,303	11,575	11,121	11,122	10,963	11,039
Daily heat rate, Btu/kWe gross HHV		11,722	11,730	11,939	11,818	11,984	11,968	12,148	12,273	12,299	12,556	12,858	12,354	12,355	12,178	12,263
Cumulative heat rate, Btu/kWe gross LHV		10,552	10,556	10,618	10,623	10,656	10,676	10,712	10,753	10,788	10,838	10,897	10,915	10,931	10,933	10,941
Cumulative heat rate, Btu/kWe gross HHV		11,722	11,726	11,795	11,801	11,837	11,859	11,899	11,945	11,984	12,040	12,106	12,125	12,143	12,146	12,154
Cumulative by Facility starting Calendar Year																
Max cumulative available engine run hours		19,776	19,872	19,968	20,064	20,160	20,256	20,352	20,448	20,544	20,640	20,736	20,832	20,928	21,024	21,120
Actual cumulative engine run hours		15,723	15,795	15,864	15,937	16,009	16,081	16,152	16,224	16,296	16,367	16,431	16,502	16,573	16,645	16,717
Cumulative Availability, %		79.5%	79.5%	79.4%	79.4%	79.4%	79.4%	79.4%	79.3%	79.3%	79.3%	79.2%	79.2%	79.2%	79.2%	79.2%
Max cumulative gross output, kWhr		16,315,200	16,394,400	16,473,600	16,552,800	16,632,000	16,711,200	16,790,400	16,869,600	16,948,800	17,028,000	17,107,200	17,186,400	17,265,600	17,344,800	17,424,000
Actual cumulative gross output, kWhr		12,187,427	12,247,945	12,305,730	12,366,230	12,426,261	12,486,298	12,544,010	12,602,971	12,661,941	12,719,173	12,770,960	12,827,234	12,885,187	12,944,704	13,004,492
Cumulative Capacity Factor		74.7%	74.7%	74.7%	74.7%	74.7%	74.7%	74.7%	74.7%	74.7%	74.7%	74.7%	74.6%	74.6%	74.6%	74.6%
Cumulative fuel input, MMBtu HHV		150,730	151,440	152,130	152,845	153,564	154,283	154,984	155,708	156,433	157,151	157,817	158,513	159,229	159,953	160,687
Cumulative gross output, kWhr		12,187,427	12,247,945	12,305,730	12,366,230	12,426,261	12,486,298	12,544,010	12,602,971	12,661,941	12,719,173	12,770,960	12,827,234	12,885,187	12,944,704	13,004,492
Cumulative heat rate, Btu/kWe gross LHV		11,133	11,131	11,129	11,126	11,125	11,123	11,122	11,122	11,122	11,122	11,124	11,124	11,124	11,123	11,123
Cumulative heat rate, Btu/kWe gross HHV		12,368	12,365	12,363	12,360	12,358	12,356	12,355	12,355	12,355	12,355	12,358	12,357	12,357	12,357	12,356
Service																
Engine 1				NStar Trip									Oil change			
Engine 2								Oil change			Backfire damage					
Engine 3													Oil Change			
Engine 4				Backfire damage												
Oil - oil and filter change																
Service - plugs, air filter, valve inspection and adjustment																
Precipitation																
NSTAR Power Reports																
Date		Friday 8/1/2014	Saturday 8/2/2014	Sunday 8/3/2014	Monday 8/4/2014	Tuesday 8/5/2014	Wednesday 8/6/2014	Thursday 8/7/2014	Friday 8/8/2014	Saturday 8/9/2014	Sunday 8/10/2014	Monday 8/11/2014	Tuesday 8/12/2014	Wednesday 8/13/2014	Thursday 8/14/2014	Friday 8/15/2014
Hour																
1		2,454	2,452	2,456	2,454	2,434	2,436	2,437	2,394	2,392	2,393	2,427	2,281	2,417	2,408	2,426
2		2,454	2,452	2,455	2,455	2,434	2,437	2,437	2,395	2,393	2,393	2,427	2,281	2,417	2,409	2,426
3		2,454	2,453	2,456	2,455	2,434	2,437	2,437	2,395	2,394	2,393	2,427	2,282	2,417	2,409	2,425
4		2,454	2,454	2,456	2,454	2,436	2,437	2,437	2,395	2,394	2,394	2,427	2,282	2,417	2,410	2,425
5		2,455	2,454	2,456	2,455	2,436	2,437	2,438	2,395	2,394	2,394	2,428	2,283	2,418	2,410	2,426
6		2,455	2,454	2,456	2,455	2,436	2,437	2,439	2,396	2,394	2,394	2,429	2,283	2,419	2,411	2,426
7		2,455	2,454	2,456	2,455	2,437	2,438	2,439	2,396	2,394	2,395	2,430	2,283	2,419	2,412	2,426
8		2,453	2,454	2,457	2,454	2,433	2,436	2,437	2,389	2,393	2,394	2,427	2,282	2,420	2,406	2,421
9		2,445	2,454	2,456	2,448	2,425	2,429	2,430	2,385	2,390	2,390	2,419	2,273	2,417	2,402	2,415
10		2,441	2,454	2,456	2,564	2,423	2,428	2,423	2,383	2,388	2,389	1,972	1,805	2,414	2,400	2,414
11		2,441	2,456	2,454	2,560	2,424	2,427	2,425	2,382	2,387	2,388	1,827	1,471	1,694	2,398	2,413
12		2,439	2,456	156	2,423	2,421	2,426	2,033	2,381	2,387	2,386	2,043	2,041	1,718	2,394	2,412
13		2,439	2,455	2,068	2,423	2,421	2,425	1,599	2,381	2,386	2,386	2,395	2,379	2,416	2,393	2,412
14		2,439	2,457	2,456	2,422	2,421	2,423	1,813	2,382	2,386	2,386	2,394	2,393	2,391	2,405	2,412
15		2,439	2,456	2,455	2,422	2,421	2,425	2,371	2,382	2,386	2,386	2,395	2,393	2,389	2,410	2,413
16		2,440	2,455	2,455	2,422	2,421	2,425	2,382	2,383	2,387	2,112	2,396	2,400	2,388	2,411	2,417
17		2,440	2,455	2,455	2,427	2,423	2,431	2,390	2,388	2,387	1,614	1,985	2,408	2,389	2,411	2,420
18		2,442	2,455	2,456	2,430	2,428	2,434	2,393	2,388	2,388	1,605	1,523	2,415	2,402	2,416	2,422
19		2,449	2,455	2,456	2,431	2,431	2,434	2,392	2,389	2,390	2,333	1,461	2,417	2,409	2,422	2,423
20		2,451	2,456	2,455	2,433	2,433	2,435	2,393	2,390	2,391	2,425	1,459	2,417	2,407	2,424	2,424
21		2,452	2,456	2,455	2,434	2,434	2,435	2,394	2,391	2,391	2,427	1,459	2,417	2,408	2,424	2,425
22		2,452	2,456	2,455	2,434	2,435	2,436	2,393	2,392	2,391	2,427	1,461	2,417	2,407	2,424	2,424
23		2,452	2,455	2,454	2,434	2,435	2,435	2,394	2,392	2,392	2,427	1,471	2,417	2,407	2,425	2,425
24		2,452	2,456	2,454	2,435	2,436	2,436	2,394	2,392	2,393	2,427	2,178	2,417	2,409	2,425	2,425
TOTAL		58,747	58,914	56,244	58,779	58,312	58,379	56,120	57,336	57,368	55,658	50,260	54,737	56,409	57,859	58,097
Cumulative Output Sold, kWhr		58,747	117,661	173,905	232,684	290,996	349,375	405,495	462,831	520,199	575,857	626,117	680,854	737,263	795,122	853,219
Transformer and line efficiency		99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.8%	99.7%	99.7%	99.7%	99.7%
Hourly average		2,448	2,455	2,344	2,449	2,430	2,432	2,338	2,389	2,390	2,319	2,094	2,281	2,350	2,411	2,421

AUGUST 2014																	
CNBE Daily Reports Summary Data																	
	Saturday 8/16/2014	Sunday 8/17/2014	Monday 8/18/2014	Tuesday 8/19/2014	Wednesday 8/20/2014	Thursday 8/21/2014	Friday 8/22/2014	Saturday 8/23/2014	Sunday 8/24/2014	Monday 8/25/2014	Tuesday 8/26/2014	Wednesday 8/27/2014	Thursday 8/28/2014	Friday 8/29/2014	Saturday 8/30/2014	Sunday 8/31/2014	TOTAL
Landfill Gas Flow to the Engines (K)	1,309	1,308	1,313	1,320	1,297	1,372	1,495	1,504	1,516	1,535	1,498	1,510	1,534	1,551	1,533	1,522	42,286
Landfill Gas Flow to the Engines (M	737	738	739	742	726	755	811	809	811	817	799	808	819	814	805	799	23,193
Landfill Gas Flow to the Flare (KSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Flow to the Flare (MME	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Total Flow (KSCF)	1,309	1,308	1,313	1,320	1,297	1,372	1,495	1,504	1,516	1,535	1,498	1,510	1,534	1,551	1,533	1,522	42,286
Landfill Gas Total Flow (MMBTU H	737	738	739	742	726	755	811	809	811	817	799	808	819	814	805	799	23,193
Average Methane Content (%)	55.6	55.8	55.6	55.5	55.3	54.4	53.6	53.1	52.9	52.6	52.7	52.9	52.8	51.9	51.9	51.9	54.2
Engine 1 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	662
Engine 2 Hours	24	24	24	24	23	24	24	24	24	24	24	24	24	24	24	24	734
Engine 3 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	740
Engine 4 Hours	-	-	-	-	-	10	24	24	24	24	24	24	24	24	24	24	331
Generator 1 Power Output (kWhr)	20,096	20,094	20,094	20,094	20,096	20,094	19,860	20,094	20,098	20,094	19,040	18,616	18,926	18,298	17,814	18,030	538,668
Generator 2 Power Output (kWhr)	19,718	19,716	19,717	19,717	19,000	17,776	16,147	16,303	16,303	16,305	16,305	17,393	17,479	17,480	17,479	17,476	572,713
Generator 3 Power Output (kWhr)	19,968	19,968	19,968	19,968	19,970	19,640	18,864	18,604	17,954	17,952	17,954	18,156	17,952	17,952	17,952	17,950	595,188
Generator 4 Power Output (kWhr)	-	-	-	-	-	4,578	10,793	10,794	10,790	10,788	10,790	10,791	10,792	10,791	10,790	10,789	180,091
Gross Power Output (kWhr)	59,795	59,795	59,786	59,785	59,067	62,095	65,664	65,796	65,143	65,134	64,093	64,966	65,162	64,514	64,046	64,265	1,886,675
Net Power Output (kWhr)	58,312	58,308	58,296	58,272	57,612	60,588	64,008	64,148	63,492	63,352	62,336	63,192	63,360	62,800	62,368	62,488	1,838,588
Power Sold as metered by NStar, (k	58,136	58,132	58,129	58,100	57,442	60,393	63,820	63,959	63,306	63,175	62,150	62,990	63,162	62,632	62,181	62,302	1,833,228
Offgrid RECs (kWhr)	1,484	1,487	1,490	1,513	1,455	1,507	1,657	1,647	1,651	1,782	1,757	1,774	1,802	1,714	1,678	1,777	48,087
Calculated Performance Results																	
Daily																	
Power output (kW average whe																	
Generator 1	837	837	837	837	837	837	828	837	837	837	793	776	789	762	742	751	
Generator 2	822	822	822	822	826	741	673	679	679	679	679	725	728	728	728	728	
Generator 3	832	832	832	832	832	818	786	775	748	748	748	757	748	748	748	748	
Generator 4	-	-	-	-	-	458	450	450	450	450	450	450	450	450	450	450	
Power output (kW average over																	
Facility Gross	2,491	2,491	2,491	2,491	2,461	2,587	2,736	2,742	2,714	2,714	2,671	2,707	2,715	2,688	2,669	2,678	
Facility Net	2,430	2,430	2,429	2,428	2,401	2,525	2,667	2,673	2,646	2,640	2,597	2,633	2,640	2,617	2,599	2,604	
In-plant load	62	62	62	63	61	63	69	69	69	74	73	74	75	71	70	74	
Daily availability factor																	
Facility	75%	75%	75%	75%	74%	85%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 2	100%	100%	100%	100%	96%	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%	100%	100%	100%	100%	
Engine 4	0%	0%	0%	0%	0%	42%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Daily capacity factor																	
Facility	75%	75%	75%	75%	75%	78%	83%	83%	82%	82%	81%	82%	82%	81%	81%	81%	
Engine 1	101%	101%	101%	101%	101%	101%	100%	101%	102%	101%	96%	94%	96%	92%	90%	91%	
Engine 2	100%	100%	100%	100%	100%	90%	82%	82%	82%	82%	82%	88%	88%	88%	88%	88%	
Engine 3	101%	101%	101%	101%	101%	99%	95%	94%	91%	91%	91%	92%	91%	91%	91%	91%	
Engine 4	0%	0%	0%	0%	0%	55%	55%	55%	54%	54%	54%	55%	55%	55%	54%	54%	
Cumulative by engine																	
Engine operating run hours in th																	
Max Cumulative Available, t	384	408	432	456	480	504	528	552	576	600	624	648	672	696	720	720	
Engine 1	302	326	350	374	398	422	446	470	494	518	542	566	590	614	638	638	
Engine 2	375	399	423	447	470	494	518	542	566	590	614	638	662	686	710	710	
Engine 3	380	404	428	452	476	500	524	548	572	596	620	644	668	692	716	716	
Engine 4	81	81	81	81	81	91	115	139	163	187	211	235	259	283	307	307	
Engine operating run hours tota																	
Engine 1	70,078	70,102	70,126	70,150	70,174	70,198	70,222	70,246	70,270	70,294	70,318	70,342	70,366	70,390	70,414	70,414	
Engine 2	65,454	65,478	65,502	65,526	65,549	65,573	65,597	65,621	65,645	65,669	65,693	65,717	65,741	65,765	65,789	65,789	
Engine 3	67,957	67,981	68,005	68,029	68,053	68,077	68,101	68,125	68,149	68,173	68,197	68,221	68,245	68,269	68,293	68,293	
Engine 4	66,390	66,390	66,390	66,390	66,390	66,400	66,424	66,448	66,472	66,496	66,520	66,544	66,568	66,592	66,616	66,616	
Cumulative availability, %																	
Engine 1	79%	80%	81%	82%	83%	84%	84%	85%	86%	86%	87%	87%	88%	88%	89%	89%	
Engine 2	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	99%	99%	99%	99%	
Engine 3	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	
Engine 4	21%	20%	19%	18%	17%	18%	22%	25%	28%	31%	34%	36%	39%	41%	43%	43%	
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	24,750	
Engine 1	10,639	11,476	12,313	13,150	13,988	14,825	15,663	16,490	17,327	18,164	18,998	19,833	20,668	21,503	22,338	22,338	
Engine 2	13,151	13,973	14,794	15,616	16,442	17,268	18,094	18,920	19,746	20,572	21,398	22,224	23,050	23,876	24,702	24,702	
Engine 3	13,234	14,066	14,898	15,730	16,562	17,380	18,166	18,942	19,690	20,438	21,186	21,942	22,690	23,438	24,186	24,186	
Engine 4	3,324	3,324	3,324	3,324	3,324	3,782	4,232	4,681	5,131	5,581	6,030	6,480	6,929	7,379	7,829	7,829	
Cumulative capacity factor, %																	
Engine 1	81%	82%	83%	84%	85%	86%	86%	87%	88%	88%	88%	89%	89%	89%	89%	89%	
Engine 2	100%	100%	100%	100%	100%	99%	98%	98%	97%	96%	96%	96%	95%	95%	95%	95%	
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	99%	99%	99%	99%	98%	98%	98%	98%	
Engine 4	25%	24%	22%	21%	20%	22%	23%	25%	26%	27%	28%	29%	30%	31%	32%	32%	

	Saturday 8/16/2014	Sunday 8/17/2014	Monday 8/18/2014	Tuesday 8/19/2014	Wednesday 8/20/2014	Thursday 8/21/2014	Friday 8/22/2014	Saturday 8/23/2014	Sunday 8/24/2014	Monday 8/25/2014	Tuesday 8/26/2014	Wednesday 8/27/2014	Thursday 8/28/2014	Friday 8/29/2014	Saturday 8/30/2014	Sunday 8/31/2014	TOTAL
Cumulative by Facility in month																	
Max cumulative available engine run hours	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	2,880	
Actual cumulative engine run hours	1,138	1,210	1,282	1,354	1,425	1,507	1,603	1,699	1,795	1,891	1,987	2,083	2,179	2,275	2,371	2,371	
Cumulative Availability, %	74.1%	74.1%	74.2%	74.2%	74.2%	74.8%	75.9%	76.9%	77.9%	78.8%	79.6%	80.4%	81.1%	81.7%	82.3%	82.3%	
Max cumulative gross output, kWh	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	2,376,000	
Actual cumulative gross output, kWh	937,364	997,159	1,056,945	1,116,730	1,175,797	1,237,892	1,303,556	1,369,352	1,434,495	1,499,629	1,563,722	1,628,688	1,693,850	1,758,364	1,822,410	1,822,629	
Cumulative Capacity Factor	74.0%	74.1%	74.1%	74.2%	74.2%	74.4%	74.8%	75.2%	75.5%	75.7%	75.9%	76.2%	76.4%	76.6%	76.7%	76.7%	
Cumulative fuel input, MMBtu/Hr	11,402	12,140	12,879	13,621	14,347	15,102	15,913	16,721	17,532	18,349	19,148	19,956	20,775	21,589	22,394	22,388	
Cumulative gross output, kWh/Hr	937,364	997,159	1,056,945	1,116,730	1,175,797	1,237,892	1,303,556	1,369,352	1,434,495	1,499,629	1,563,722	1,628,688	1,693,850	1,758,364	1,822,410	1,822,629	
Heat Rate																	
Daily heat rate, Btu/kWe gross	11,089	11,109	11,130	11,171	11,057	10,950	11,117	11,062	11,207	11,287	11,219	11,195	11,318	11,357	11,310	11,193	
Daily heat rate, Btu/kWe gross	12,319	12,340	12,364	12,409	12,283	12,164	12,349	12,288	12,450	12,539	12,463	12,436	12,573	12,616	12,564	12,434	
Cumulative heat rate, Btu/kWe gross	10,950	10,960	10,969	10,980	10,984	10,982	10,989	10,992	11,002	11,015	11,023	11,030	11,041	11,053	11,062	11,057	
Cumulative heat rate, Btu/kWe gross	12,164	12,175	12,185	12,197	12,202	12,200	12,207	12,211	12,222	12,236	12,245	12,253	12,265	12,278	12,288	12,283	
Cumulative by Facility starting 8/1/2014																	
Max cumulative available engine run hours	21,216	21,312	21,408	21,504	21,600	21,696	21,792	21,888	21,984	22,080	22,176	22,272	22,368	22,464	22,560	22,560	
Actual cumulative engine run hours	16,789	16,861	16,933	17,005	17,076	17,158	17,254	17,350	17,446	17,542	17,638	17,734	17,830	17,926	18,022	18,022	
Cumulative Availability, %	79.1%	79.1%	79.1%	79.1%	79.1%	79.1%	79.2%	79.3%	79.4%	79.4%	79.5%	79.6%	79.7%	79.8%	79.9%	79.9%	
Max cumulative gross output, kWh	17,503,200	17,582,400	17,661,600	17,740,800	17,820,000	17,899,200	17,978,400	18,057,600	18,136,800	18,216,000	18,295,200	18,374,400	18,453,600	18,532,800	18,612,000	18,612,000	
Actual cumulative gross output, kWh	13,064,287	13,124,082	13,183,868	13,243,653	13,302,720	13,364,815	13,430,479	13,496,275	13,561,418	13,626,552	13,690,645	13,755,611	13,820,773	13,885,287	13,949,333	13,949,552	
Cumulative Capacity Factor	74.6%	74.6%	74.6%	74.7%	74.7%	74.7%	74.7%	74.7%	74.8%	74.8%	74.8%	74.9%	74.9%	74.9%	74.9%	74.9%	
Cumulative fuel input, MMBtu/Hr	161,423	162,161	162,900	163,642	164,388	165,133	165,879	166,625	167,371	168,117	168,863	169,609	170,355	171,101	171,847	172,593	
Cumulative gross output, kWh/Hr	13,064,287	13,124,082	13,183,868	13,243,653	13,302,720	13,364,815	13,430,479	13,496,275	13,561,418	13,626,552	13,690,645	13,755,611	13,820,773	13,885,287	13,949,333	13,949,552	
Cumulative heat rate, Btu/kWe gross	11,123	11,123	11,123	11,123	11,123	11,122	11,122	11,122	11,122	11,123	11,123	11,124	11,125	11,126	11,126	11,126	
Cumulative heat rate, Btu/kWe gross	12,356	12,356	12,356	12,356	12,356	12,355	12,355	12,355	12,355	12,356	12,357	12,357	12,358	12,359	12,360	12,359	
Service																	
Engine 1																	
Engine 2																	
Engine 3																	
Engine 4																	
Oil - oil and filter change																	
Service - plugs, air filter, valve inspection																	
Precipitation																	
NSTAR Power Reports																	
Date	8/16/2014	8/17/2014	8/18/2014	8/19/2014	8/20/2014	8/21/2014	8/22/2014	8/23/2014	8/24/2014	8/25/2014	8/26/2014	8/27/2014	8/28/2014	8/29/2014	8/30/2014	8/31/2014	TOTAL
Hour																	
1	2,425	2,424	2,425	2,426	2,425	2,441	2,604	2,640	2,641	2,639	2,636	2,590	2,635	2,637	2,591	2,637	
2	2,426	2,424	2,426	2,426	2,426	2,441	2,603	2,640	2,641	2,640	2,636	2,614	2,635	2,637	2,591	2,637	
3	2,425	2,425	2,426	2,427	2,426	2,441	2,604	2,655	2,641	2,640	2,637	2,686	2,635	2,637	2,591	2,637	
4	2,425	2,424	2,427	2,426	2,426	2,441	2,603	2,688	2,641	2,640	2,637	2,686	2,635	2,637	2,591	2,635	
5	2,426	2,424	2,427	2,427	2,427	2,442	2,603	2,688	2,640	2,640	2,637	2,686	2,637	2,638	2,591	2,634	
6	2,426	2,424	2,427	2,427	2,427	2,442	2,561	2,687	2,640	2,640	2,637	2,665	2,637	2,638	2,591	2,627	
7	2,427	2,425	2,428	2,428	2,428	2,443	2,557	2,688	2,642	2,640	2,638	2,593	2,638	2,639	2,591	2,586	
8	2,426	2,424	2,426	2,427	2,427	2,439	2,557	2,688	2,640	2,639	2,635	2,638	2,636	2,637	2,591	2,586	
9	2,423	2,422	2,422	2,423	2,420	2,431	2,557	2,686	2,637	2,634	2,626	2,634	2,629	2,587	2,589	2,586	
10	2,420	2,420	2,419	2,417	2,415	2,429	2,568	2,686	2,636	2,628	2,582	2,618	2,627	2,584	2,586	2,582	
11	2,419	2,418	2,414	2,416	2,411	2,427	2,750	2,685	2,635	2,626	2,533	2,579	2,626	2,583	2,586	2,582	
12	2,418	2,418	2,415	2,414	2,412	2,427	2,747	2,684	2,635	2,625	2,529	2,578	2,626	2,583	2,586	2,582	
13	2,419	2,418	2,415	2,414	2,416	2,427	2,742	2,684	2,634	2,623	2,528	2,578	2,625	2,583	2,585	2,583	
14	2,418	2,418	2,415	2,411	2,416	2,494	2,742	2,683	2,634	2,622	2,527	2,578	2,624	2,583	2,584	2,582	
15	2,418	2,421	2,414	2,411	2,415	2,716	2,731	2,683	2,633	2,621	2,527	2,585	2,625	2,583	2,584	2,580	
16	2,418	2,420	2,416	2,411	2,415	2,672	2,730	2,679	2,634	2,621	2,529	2,628	2,625	2,619	2,584	2,581	
17	2,419	2,420	2,420	2,412	1,747	2,621	2,732	2,637	2,635	2,626	2,559	2,628	2,626	2,632	2,585	2,582	
18	2,420	2,423	2,421	2,414	2,327	2,601	2,733	2,638	2,635	2,630	2,585	2,630	2,631	2,634	2,586	2,583	
19	2,422	2,422	2,423	2,421	2,437	2,602	2,733	2,639	2,637	2,632	2,587	2,631	2,633	2,612	2,586	2,584	
20	2,423	2,423	2,424	2,423	2,438	2,602	2,734	2,640	2,638	2,632	2,589	2,632	2,634	2,588	2,589	2,583	
21	2,423	2,423	2,424	2,424	2,439	2,603	2,710	2,641	2,639	2,634	2,589	2,633	2,636	2,590	2,589	2,584	
22	2,423	2,424	2,424	2,424	2,441	2,604	2,640	2,640	2,640	2,634	2,588	2,633	2,635	2,590	2,589	2,583	
23	2,423	2,423	2,425	2,425	2,440	2,604	2,639	2,640	2,639	2,634	2,589	2,633	2,635	2,590	2,608	2,583	
24	2,424	2,425	2,426	2,426	2,441	2,603	2,640	2,640	2,639	2,635	2,590	2,634	2,637	2,591	2,637	2,583	
TOTAL	58,136	58,132	58,129	58,100	57,442	60,393	63,820	63,959	63,306	63,175	62,150	62,990	63,162	62,632	62,181	62,302	
Cumulative Output Sold, kWh	911,355	969,487	1,027,616	1,085,716	1,143,158	1,203,551	1,267,371	1,331,330	1,394,636	1,457,811	1,519,961	1,582,951	1,646,113	1,708,745	1,770,926	1,833,228	
Transformer and line efficiency	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	0.0%
Hourly average	2,422	2,422	2,422	2,421	2,393	2,516	2,659	2,665	2,638	2,632	2,590	2,625	2,632	2,610	2,591	2,596	2,464

SEPTEMBER 2014																
CNBE Daily Reports Summary Data																
		Monday 9/1/2014	Tuesday 9/2/2014	Wednesday 9/3/2014	Thursday 9/4/2014	Friday 9/5/2014	Saturday 9/6/2014	Sunday 9/7/2014	Monday 9/8/2014	Tuesday 9/9/2014	Wednesday 9/10/2014	Thursday 9/11/2014	Friday 9/12/2014	Saturday 9/13/2014	Sunday 9/14/2014	Monday 9/15/2014
Landfill Gas Flow to the Engines (KSCF)		1,511	1,503	1,400	1,438	1,421	1,549	1,554	1,447	1,389	1,422	1,491	1,458	1,477	1,496	1,471
Landfill Gas Flow to the Engines (MMBTU HHV)		793	791	761	775	775	826	815	770	752	760	798	768	780	785	779
Landfill Gas Flow to the Flare (KSCF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Flow to the Flare (MMBTU HHV)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Total Flow (KSCF)		1,511	1,503	1,400	1,438	1,421	1,549	1,554	1,447	1,389	1,422	1,491	1,458	1,477	1,496	1,471
Landfill Gas Total Flow (MMBTU HHV)		793	791	761	775	775	826	815	770	752	760	798	768	780	785	779
Average Methane Content (%)		51.9	52.0	53.7	53.3	53.9	52.7	51.8	52.6	53.5	52.8	52.9	52.1	52.2	51.9	52.3
Engine 1 Hours		24	24	24	11	13	24	24	10	11	24	24	24	24	24	24
Engine 2 Hours		24	24	20	24	23	24	24	24	24	24	24	24	24	24	24
Engine 3 Hours		24	24	24	24	23	24	24	24	24	24	24	24	24	24	24
Engine 4 Hours		24	21	13	23	24	24	24	24	24	24	24	24	24	24	24
Generator 1 Power Output (kWhr)		18,324	19,042	16,410	5,694	8,970	15,522	15,520	6,122	6,602	16,110	16,108	16,108	16,106	16,108	16,106
Generator 2 Power Output (kWhr)		16,637	16,776	14,951	18,795	17,790	16,781	16,661	18,250	18,580	16,188	16,187	16,187	16,184	16,187	16,184
Generator 3 Power Output (kWhr)		17,956	18,214	19,208	18,790	15,728	15,586	14,714	17,828	18,574	16,114	16,194	15,534	14,996	14,992	15,326
Generator 4 Power Output (kWhr)		10,790	9,414	9,231	17,946	19,256	17,782	16,970	18,618	18,460	16,148	16,148	15,486	16,146	16,146	15,280
Gross Power Output (kWhr)		63,724	63,455	59,783	61,184	61,716	65,671	63,892	60,801	62,178	64,570	64,664	63,338	63,456	63,453	62,910
Net Power Output (kWhr)		61,880	61,592	58,176	59,456	59,920	63,792	62,112	59,128	60,536	62,824	62,896	61,640	61,824	61,816	61,232
Power Sold as metered by NStar, (kWhr)		61,693	61,411	57,977	59,255	59,726	63,617	61,931	58,960	60,339	62,643	62,691	61,455	61,645	61,626	61,058
Offgrid RECs (kWhr)		1,844	1,863	1,606	1,729	1,797	1,878	1,780	1,672	1,643	1,746	1,767	1,698	1,632	1,637	1,678
Calculated Performance Results																
Daily																
Power output (kW average when running)																
Generator 1		764	793	684	518	690	647	647	612	600	671	671	671	671	671	671
Generator 2		693	699	748	783	773	699	694	760	774	675	674	674	674	674	674
Generator 3		748	759	800	783	684	649	613	743	774	671	675	647	625	625	639
Generator 4		450	448	710	780	802	741	707	776	769	673	673	645	673	673	637
Power output (kW average over 24-hrs)																
Facility Gross		2,655	2,644	2,491	2,549	2,572	2,736	2,662	2,533	2,591	2,690	2,694	2,639	2,644	2,644	2,621
Facility Net		2,578	2,566	2,424	2,477	2,497	2,658	2,588	2,464	2,522	2,618	2,621	2,568	2,576	2,576	2,551
In-plant load		77	78	67	72	75	78	74	70	68	73	74	71	68	68	70
Daily availability factor																
Facility		100%	97%	84%	85%	86%	100%	100%	85%	86%	100%	100%	100%	100%	100%	100%
Engine 1		100%	100%	100%	46%	54%	100%	100%	42%	46%	100%	100%	100%	100%	100%	100%
Engine 2		100%	100%	83%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 3		100%	100%	100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 4		100%	88%	54%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Daily capacity factor																
Facility		80%	80%	75%	77%	78%	83%	81%	77%	79%	82%	82%	80%	80%	80%	79%
Engine 1		93%	96%	83%	63%	84%	78%	74%	73%	81%	81%	81%	81%	81%	81%	81%
Engine 2		84%	85%	91%	95%	94%	85%	84%	92%	94%	82%	82%	82%	82%	82%	82%
Engine 3		91%	92%	97%	95%	83%	79%	74%	90%	94%	81%	82%	78%	76%	76%	77%
Engine 4		54%	54%	86%	95%	97%	90%	86%	94%	93%	82%	82%	78%	82%	82%	77%
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	83	96	120	144	154	165	189	213	237	261	285	309
Engine 2		24	48	68	92	115	139	163	187	211	235	259	283	307	331	355
Engine 3		24	48	72	96	119	143	167	191	215	239	263	287	311	335	359
Engine 4		24	45	58	81	105	129	153	177	201	225	249	273	297	321	345
Engine operating run hours total from 0 hours																
Engine 1		70,439	70,463	70,487	70,511	70,522	70,535	70,559	70,583	70,593	70,604	70,628	70,652	70,676	70,700	70,724
Engine 2		65,813	65,837	65,861	65,881	65,905	65,928	65,952	65,976	66,000	66,024	66,048	66,072	66,096	66,120	66,144
Engine 3		68,317	68,341	68,365	68,389	68,413	68,436	68,460	68,484	68,508	68,532	68,556	68,580	68,604	68,628	68,652
Engine 4		66,640	66,664	66,685	66,698	66,721	66,745	66,769	66,793	66,817	66,841	66,865	66,889	66,913	66,937	66,961
Cumulative availability, %		September 1, 2014 @ 00:00 hours														
Engine 1		100%	100%	100%	86%	80%	83%	86%	80%	76%	79%	81%	82%	84%	85%	86%
Engine 2		100%	100%	94%	96%	96%	97%	97%	97%	98%	98%	98%	98%	98%	99%	99%
Engine 3		100%	100%	100%	100%	99%	99%	99%	99%	100%	100%	100%	100%	100%	100%	100%
Engine 4		100%	94%	81%	84%	88%	90%	91%	92%	93%	94%	94%	95%	95%	96%	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		764	1,557	2,241	2,758	3,448	4,095	4,742	5,354	5,954	6,625	7,297	7,968	8,639	9,310	9,981
Engine 2		693	1,392	2,140	2,923	3,696	4,396	5,090	5,850	6,624	7,299	7,973	8,648	9,322	9,997	10,671
Engine 3		748	1,507	2,307	3,090	3,774	4,424	5,037	5,779	6,553	7,225	7,900	8,547	9,172	9,796	10,435
Engine 4		450	898	1,608	2,388	3,191	3,931	4,639	5,414	6,183	6,856	7,529	8,174	8,847	9,520	10,157
Cumulative capacity factor, %																
Engine 1		93%	94%	91%	84%	84%	83%	82%	81%	80%	80%	80%	80%	81%	81%	81%
Engine 2		84%	84%	86%	89%	90%	89%	88%	89%	89%	88%	88%	87%	87%	87%	86%
Engine 3		91%	91%	93%	94%	91%	89%	87%	88%	88%	88%	87%	86%	86%	85%	84%
Engine 4		54%	54%	65%	72%	77%	79%	80%	82%	83%	83%	83%	83%	82%	82%	82%

		Monday 9/1/2014	Tuesday 9/2/2014	Wednesday 9/3/2014	Thursday 9/4/2014	Friday 9/5/2014	Saturday 9/6/2014	Sunday 9/7/2014	Monday 9/8/2014	Tuesday 9/9/2014	Wednesday 9/10/2014	Thursday 9/11/2014	Friday 9/12/2014	Saturday 9/13/2014	Sunday 9/14/2014	Monday 9/15/2014
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	189	270	352	435	531	627	709	792	888	984	1,080	1,176	1,272	1,368
Cumulative Availability, %		100.0%	98.4%	93.8%	91.7%	90.6%	92.2%	93.3%	92.3%	91.7%	92.5%	93.2%	93.8%	94.2%	94.6%	95.0%
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		63,724	127,179	186,962	248,146	309,862	375,533	439,425	500,226	562,404	626,974	691,638	754,976	818,432	881,885	944,795
Cumulative Capacity Factor		80.5%	80.3%	78.7%	78.3%	78.2%	79.0%	79.3%	78.9%	78.9%	79.2%	79.4%	79.4%	79.5%	79.5%	79.5%
Cumulative fuel input, MMBtu HHV		793	1,584	2,345	3,120	3,895	4,721	5,536	6,306	7,058	7,818	8,616	9,384	10,164	10,949	11,728
Cumulative gross output, kWhr		63,724	127,179	186,962	248,146	309,862	375,533	439,425	500,226	562,404	626,974	691,638	754,976	818,432	881,885	944,795
Heat Rate																
Daily heat rate, Btu/kWe gross LHV		11,202	11,224	11,454	11,407	11,300	11,327	11,481	11,399	10,880	10,600	11,109	10,915	11,064	11,138	11,148
Daily heat rate, Btu/kWe gross HHV		12,444	12,469	12,724	12,672	12,553	12,582	12,754	12,663	12,086	11,775	12,341	12,125	12,290	12,373	12,384
Cumulative heat rate, Btu/kWe gross LHV		11,202	11,213	11,290	11,319	11,315	11,317	11,341	11,348	11,296	11,225	11,214	11,189	11,179	11,176	11,174
Cumulative heat rate, Btu/kWe gross HHV		12,444	12,456	12,542	12,574	12,570	12,572	12,599	12,606	12,549	12,469	12,457	12,429	12,419	12,415	12,413
Cumulative by Facility starting Calendar Year																
Max cumulative available engine run hours		22,656	22,752	22,848	22,944	23,040	23,136	23,232	23,328	23,424	23,520	23,616	23,712	23,808	23,904	24,000
Actual cumulative engine run hours		18,118	18,211	18,292	18,374	18,457	18,553	18,649	18,731	18,814	18,910	19,006	19,102	19,198	19,294	19,390
Cumulative Availability, %		80.0%	80.0%	80.1%	80.1%	80.1%	80.2%	80.3%	80.3%	80.3%	80.4%	80.5%	80.6%	80.6%	80.7%	80.8%
Max cumulative gross output, kWhr		18,691,200	18,770,400	18,849,600	18,928,800	19,008,000	19,087,200	19,166,400	19,245,600	19,324,800	19,404,000	19,483,200	19,562,400	19,641,600	19,720,800	19,800,000
Actual cumulative gross output, kWhr		14,013,276	14,076,731	14,136,514	14,197,698	14,259,414	14,325,085	14,388,977	14,449,778	14,511,956	14,576,526	14,641,190	14,704,528	14,767,984	14,831,437	14,894,347
Cumulative Capacity Factor		75.0%	75.0%	75.0%	75.0%	75.0%	75.1%	75.1%	75.1%	75.1%	75.1%	75.1%	75.2%	75.2%	75.2%	75.2%
Cumulative fuel input, MMBtu HHV		173,202	173,993	174,754	175,529	176,304	177,130	177,945	178,715	179,467	180,227	181,025	181,793	182,573	183,358	184,137
Cumulative gross output, kWhr		14,013,276	14,076,731	14,136,514	14,197,698	14,259,414	14,325,085	14,388,977	14,449,778	14,511,956	14,576,526	14,641,190	14,704,528	14,767,984	14,831,437	14,894,347
Cumulative heat rate, Btu/kWe gross LHV		11,126	11,127	11,128	11,129	11,130	11,131	11,133	11,134	11,133	11,130	11,130	11,129	11,129	11,129	11,129
Cumulative heat rate, Btu/kWe gross HHV		12,360	12,360	12,362	12,363	12,364	12,365	12,367	12,368	12,367	12,364	12,364	12,363	12,363	12,363	12,363
Service																
Engine 1																
Engine 2				Silencer replaced												
Engine 3																
Engine 4				Silencer replaced.												
Oil - oil and filter change			H2S = 70 ppm													
Service - plugs, air filter, valve inspection and adjustment																
Precipitation																
NSTAR Power Reports		Monday 9/1/2014	Tuesday 9/2/2014	Wednesday 9/3/2014	Thursday 9/4/2014	Friday 9/5/2014	Saturday 9/6/2014	Sunday 9/7/2014	Monday 9/8/2014	Tuesday 9/9/2014	Wednesday 9/10/2014	Thursday 9/11/2014	Friday 9/12/2014	Saturday 9/13/2014	Sunday 9/14/2014	Monday 9/15/2014
Date																
Hour																
1		2,584	2,585	2,422	2,612	2,417	2,657	2,610	2,517	2,423	2,617	2,618	2,591	2,570	2,568	2,569
2		2,584	2,585	2,423	2,613	2,417	2,658	2,611	2,517	2,423	2,616	2,617	2,569	2,570	2,569	2,570
3		2,584	2,586	2,422	2,613	2,418	2,658	2,612	2,517	2,423	2,616	2,618	2,569	2,570	2,569	2,567
4		2,585	2,586	2,421	2,612	2,418	2,658	2,613	2,519	2,423	2,617	2,618	2,570	2,570	2,569	2,522
5		2,584	2,586	2,423	2,614	2,418	2,658	2,613	2,519	2,423	2,617	2,618	2,571	2,571	2,569	2,522
6		2,584	2,587	2,424	2,614	2,418	2,658	2,612	2,519	2,423	2,617	2,619	2,571	2,570	2,569	2,523
7		2,575	2,587	2,425	2,614	2,419	2,659	2,589	2,519	2,424	2,617	2,618	2,572	2,571	2,569	2,523
8		2,538	2,586	2,420	2,609	2,416	2,659	2,565	2,515	2,424	2,617	2,618	2,571	2,570	2,569	2,517
9		2,538	2,578	2,415	2,504	2,015	2,659	2,564	2,539	2,418	2,613	2,611	2,565	2,569	2,568	2,514
10		2,531	2,575	2,415	2,554	1,735	2,658	2,562	2,555	2,412	2,602	2,607	2,559	2,566	2,566	2,514
11		2,529	2,572	2,413	2,504	2,420	2,657	2,561	2,300	2,540	2,539	2,605	2,551	2,567	2,566	2,514
12		2,527	2,570	1,725	2,100	2,697	2,656	2,561	2,411	2,465	2,608	2,608	2,510	2,566	2,566	2,512
13		2,566	2,568	1,649	1,998	2,698	2,655	2,561	2,413	2,412	2,608	2,608	2,512	2,566	2,567	2,512
14		2,574	2,568	2,025	2,557	2,462	2,652	2,561	2,414	2,414	2,607	2,607	2,511	2,565	2,566	2,543
15		2,573	2,569	2,128	2,409	2,406	2,652	2,609	2,412	2,611	2,608	2,605	2,557	2,566	2,566	2,559
16		2,576	2,572	2,459	2,409	2,709	2,652	2,608	2,412	2,704	2,608	2,607	2,563	2,567	2,566	2,438
17		2,580	2,573	2,799	2,410	2,649	2,655	2,608	2,413	2,663	2,608	2,605	2,565	2,568	2,567	2,611
18		2,581	2,579	2,704	2,411	2,651	2,656	2,610	2,414	2,615	2,610	2,605	2,566	2,568	2,566	2,609
19		2,583	2,581	2,703	2,413	2,657	2,658	2,592	2,421	2,617	2,612	2,611	2,567	2,569	2,568	2,569
20		2,583	2,583	2,658	2,417	2,658	2,656	2,564	2,423	2,617	2,617	2,613	2,569	2,570	2,568	2,570
21		2,583	2,580	2,658	2,417	2,657	2,657	2,564	2,422	2,617	2,617	2,614	2,569	2,569	2,568	2,569
22		2,583	2,416	2,624	2,417	2,657	2,612	2,548	2,423	2,616	2,617	2,613	2,569	2,569	2,569	2,570
23		2,584	2,419	2,610	2,417	2,657	2,608	2,516	2,423	2,616	2,617	2,614	2,569	2,569	2,569	2,570
24		2,584	2,420	2,612	2,417	2,657	2,609	2,517	2,423	2,616	2,618	2,614	2,569	2,569	2,569	2,571
TOTAL		61,693	61,411	57,977	59,255	59,726	63,617	61,931	58,960	60,339	62,643	62,691	61,455	61,645	61,626	61,058
Cumulative Output Sold, kWhr		61,693	123,104	181,081	240,336	300,062	363,679	425,610	484,570	544,909	607,552	670,243	731,698	793,343	854,969	916,027
Transformer and line efficiency		99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%
Hourly average		2,571	2,559	2,416	2,469	2,489	2,651	2,580	2,457	2,514	2,610	2,612	2,561	2,569	2,568	2,544

SEPTEMBER 2014																	
CNBE Daily Reports Summary Data																	
	Tuesday 9/16/2014	Wednesday 9/17/2014	Thursday 9/18/2014	Friday 9/19/2014	Saturday 9/20/2014	Sunday 9/21/2014	Monday 9/22/2014	Tuesday 9/23/2014	Wednesday 9/24/2014	Thursday 9/25/2014	Friday 9/26/2014	Saturday 9/27/2014	Sunday 9/28/2014	Monday 9/29/2014	Tuesday 9/30/2014	TOTAL	
Landfill Gas Flow to the Engines (K)	1,477	1,506	1,507	1,491	1,441	1,463	1,466	1,509	1,478	1,318	1,495	1,488	1,477	1,482	1,478	44,104	
Landfill Gas Flow to the Engines (M	788	801	801	780	778	789	770	788	775	752	823	785	783	783	779	23,505	
Landfill Gas Flow to the Flare (KSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Flow to the Flare (MME	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Total Flow (KSCF)	1,477	1,506	1,507	1,491	1,441	1,463	1,466	1,509	1,478	1,318	1,495	1,488	1,477	1,482	1,478	44,104	
Landfill Gas Total Flow (MMBTU H	788	801	801	780	778	789	770	788	775	752	823	785	783	783	779	23,505	
Average Methane Content (%)	52.7	52.6	52.5	51.7	53.3	53.3	51.9	51.6	51.8	56.4	54.4	52.1	52.4	52.2	52.1	52.7	
Engine 1 Hours	24	24	24	24	24	24	24	24	24	19	23	24	24	24	24	663	
Engine 2 Hours	24	24	24	24	18	24	24	24	24	20	24	24	24	24	24	705	
Engine 3 Hours	23	25	24	24	24	24	24	24	24	19	24	24	24	24	24	714	
Engine 4 Hours	24	24	24	24	24	24	24	24	24	20	24	24	24	24	24	701	
Generator 1 Power Output (kWhr)	16,108	16,108	16,112	16,108	16,062	15,516	15,514	15,518	15,208	10,966	13,716	13,820	14,352	14,352	14,350	432,662	
Generator 2 Power Output (kWhr)	16,181	16,182	16,183	16,185	12,349	16,189	16,189	16,183	15,441	13,260	17,902	18,435	18,491	18,847	18,498	498,853	
Generator 3 Power Output (kWhr)	16,188	15,414	16,164	14,994	16,312	16,192	16,038	14,994	15,000	13,130	16,556	16,456	15,910	15,986	15,966	485,054	
Generator 4 Power Output (kWhr)	14,976	15,540	15,234	14,980	16,350	16,146	15,382	15,040	15,400	12,588	14,926	14,376	14,376	14,376	14,376	457,887	
Gross Power Output (kWhr)	63,468	63,270	63,700	62,287	61,086	64,047	63,145	61,749	61,064	50,056	63,104	63,088	63,137	63,563	63,199	1,874,758	
Net Power Output (kWhr)	61,768	61,616	62,016	60,632	59,528	62,400	61,408	60,056	59,392	48,752	61,648	61,640	61,656	62,008	61,696	1,825,040	
Power Sold as metered by NStar, (k	61,594	61,436	61,843	60,461	59,356	62,227	61,216	59,886	59,219	48,617	61,450	61,454	61,475	61,824	61,516	1,819,601	
Offgrid RECs (kWhr)	1,701	1,654	1,684	1,654	1,559	1,647	1,736	1,693	1,672	1,304	1,456	1,448	1,481	1,555	1,503	49,717	
Calculated Performance Results																	
Daily																	
Power output (kW average whe																	
Generator 1	671	671	671	671	669	647	646	647	634	577	596	576	598	598	598		
Generator 2	674	674	674	674	686	675	675	674	643	663	746	768	770	785	771		
Generator 3	704	617	674	625	680	675	668	625	625	691	690	686	663	666	665		
Generator 4	624	648	635	624	681	673	641	627	642	629	622	599	599	599	599		
Power output (kW average over																	
Facility Gross	2,645	2,636	2,654	2,595	2,545	2,669	2,631	2,573	2,544	2,086	2,629	2,629	2,631	2,648	2,633		
Facility Net	2,574	2,567	2,584	2,526	2,480	2,600	2,559	2,502	2,475	2,031	2,569	2,568	2,569	2,584	2,571		
In-plant load	71	69	70	69	65	69	72	71	70	54	61	60	62	65	63		
Daily availability factor																	
Facility	99%	101%	100%	100%	94%	100%	100%	100%	100%	81%	99%	100%	100%	100%	100%		
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	79%	96%	100%	100%	100%	100%		
Engine 2	100%	100%	100%	100%	75%	100%	100%	100%	100%	83%	100%	100%	100%	100%	100%		
Engine 3	96%	104%	100%	100%	100%	100%	100%	100%	100%	79%	100%	100%	100%	100%	100%		
Engine 4	100%	100%	100%	100%	100%	100%	100%	100%	100%	83%	100%	100%	100%	100%	100%		
Daily capacity factor																	
Facility	80%	80%	80%	79%	77%	81%	80%	78%	77%	63%	80%	80%	80%	80%	80%		
Engine 1	81%	81%	81%	81%	81%	78%	78%	78%	77%	70%	72%	70%	72%	72%	72%		
Engine 2	82%	82%	82%	82%	83%	82%	82%	82%	78%	80%	90%	93%	93%	95%	93%		
Engine 3	85%	75%	82%	76%	82%	82%	81%	76%	76%	84%	84%	83%	80%	81%	81%		
Engine 4	76%	78%	77%	76%	83%	82%	78%	76%	78%	76%	75%	73%	73%	73%	73%		
Cumulative by engine																	
Engine operating run hours in tr																	
Max Cumulative Available, t	384	408	432	456	480	504	528	552	576	600	624	648	672	696	720		
Engine 1	333	357	381	405	429	453	477	501	525	544	567	591	615	639	663		
Engine 2	379	403	427	451	469	493	517	541	565	585	609	633	657	681	705		
Engine 3	382	407	431	455	479	503	527	551	575	594	618	642	666	690	714		
Engine 4	369	393	417	441	465	489	513	537	561	581	605	629	653	677	701		
Engine operating run hours tota																	
Engine 1	70,772	70,796	70,820	70,844	70,868	70,892	70,916	70,940	70,964	70,983	71,006	71,030	71,054	71,078	71,102		
Engine 2	66,192	66,216	66,240	66,264	66,282	66,306	66,330	66,354	66,378	66,398	66,422	66,446	66,470	66,494	66,518		
Engine 3	68,699	68,724	68,748	68,772	68,796	68,820	68,844	68,868	68,892	68,911	68,935	68,959	68,983	69,007	69,031		
Engine 4	67,009	67,033	67,057	67,081	67,105	67,129	67,153	67,177	67,201	67,221	67,245	67,269	67,293	67,317	67,341		
Cumulative availability, %																	
Engine 1	87%	88%	88%	89%	89%	90%	90%	91%	91%	91%	91%	91%	92%	92%	92%		
Engine 2	99%	99%	99%	99%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%		
Engine 3	99%	100%	100%	100%	100%	100%	100%	100%	100%	99%	99%	99%	99%	99%	99%		
Engine 4	96%	96%	97%	97%	97%	97%	97%	97%	97%	97%	97%	97%	97%	97%	97%		
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		
Engine 1	10,652	11,323	11,995	12,666	13,335	13,982	14,628	15,275	15,908	16,485	17,082	17,658	18,256	18,854	19,452		
Engine 2	11,345	12,019	12,694	13,368	14,054	14,729	15,403	16,077	16,721	17,384	18,130	18,898	19,668	20,454	21,224		
Engine 3	11,139	11,755	12,429	13,054	13,733	14,408	15,076	15,701	16,326	17,017	17,707	18,392	19,055	19,721	20,387		
Engine 4	10,781	11,428	12,063	12,687	13,368	14,041	14,682	15,309	15,950	16,580	17,202	17,801	18,400	18,999	19,598		
Cumulative capacity factor, %																	
Engine 1	81%	81%	81%	81%	81%	81%	81%	80%	80%	80%	80%	79%	79%	79%	79%		
Engine 2	86%	85%	85%	85%	85%	85%	85%	85%	84%	84%	85%	85%	85%	85%	86%		
Engine 3	84%	84%	84%	83%	83%	83%	83%	83%	82%	83%	83%	83%	82%	82%	82%		
Engine 4	82%	81%	81%	81%	81%	81%	81%	81%	81%	80%	80%	80%	80%	79%	79%		

	Tuesday 9/16/2014	Wednesday 9/17/2014	Thursday 9/18/2014	Friday 9/19/2014	Saturday 9/20/2014	Sunday 9/21/2014	Monday 9/22/2014	Tuesday 9/23/2014	Wednesday 9/24/2014	Thursday 9/25/2014	Friday 9/26/2014	Saturday 9/27/2014	Sunday 9/28/2014	Monday 9/29/2014	Tuesday 9/30/2014	TOTAL
Cumulative by Facility in month																
Max cumulative available engin	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	
Actual cumulative engine run h	1,463	1,560	1,656	1,752	1,842	1,938	2,034	2,130	2,226	2,304	2,399	2,495	2,591	2,687	2,783	
Cumulative Availability, %	95.2%	95.6%	95.8%	96.1%	95.9%	96.1%	96.3%	96.5%	96.6%	96.0%	96.1%	96.3%	96.4%	96.5%	96.6%	
Max cumulative gross output, kW	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	
Actual cumulative gross output, kW	1,008,263	1,071,533	1,135,233	1,197,520	1,258,606	1,322,653	1,385,798	1,447,547	1,508,611	1,558,667	1,621,771	1,684,859	1,747,996	1,811,559	1,874,758	
Cumulative Capacity Factor	79.6%	79.6%	79.6%	79.6%	79.5%	79.5%	79.5%	79.5%	79.4%	78.7%	78.8%	78.8%	78.8%	78.9%	78.9%	
Cumulative fuel input, MMBtu H	12,516	13,317	14,118	14,898	15,676	16,466	17,236	18,024	18,799	19,551	20,374	21,160	21,943	22,726	23,505	
Cumulative gross output, kWhr	1,008,263	1,071,533	1,135,233	1,197,520	1,258,606	1,322,653	1,385,798	1,447,547	1,508,611	1,558,667	1,621,771	1,684,859	1,747,996	1,811,559	1,874,758	
Heat Rate																
Daily heat rate, Btu/kWe gross t	11,171	11,398	11,324	11,276	11,465	11,095	10,981	11,494	11,421	13,524	11,746	11,204	11,170	11,093	11,095	
Daily heat rate, Btu/kWe gross t	12,409	12,662	12,579	12,526	12,736	12,325	12,199	12,768	12,687	15,023	13,048	12,446	12,408	12,323	12,325	
Cumulative heat rate, Btu/kWe g	11,174	11,187	11,195	11,199	11,212	11,206	11,196	11,209	11,217	11,291	11,309	11,305	11,300	11,293	11,286	
Cumulative heat rate, Btu/kWe g	12,413	12,428	12,436	12,441	12,455	12,449	12,437	12,452	12,461	12,543	12,563	12,559	12,553	12,545	12,538	
Cumulative by Facility starting C																
Max cumulative available engin	24,096	24,192	24,288	24,384	24,480	24,576	24,672	24,768	24,864	24,960	25,056	25,152	25,248	25,344	25,440	
Actual cumulative engine run h	19,485	19,582	19,678	19,774	19,864	19,960	20,056	20,152	20,248	20,326	20,421	20,517	20,613	20,709	20,805	
Cumulative Availability, %	80.9%	80.9%	81.0%	81.1%	81.1%	81.2%	81.3%	81.4%	81.4%	81.4%	81.5%	81.6%	81.6%	81.7%	81.8%	
Max cumulative gross output, kW	19,879,200	19,958,400	20,037,600	20,116,800	20,196,000	20,275,200	20,354,400	20,433,600	20,512,800	20,592,000	20,671,200	20,750,400	20,829,600	20,908,800	20,988,000	
Actual cumulative gross output, kW	14,957,815	15,021,085	15,084,785	15,147,072	15,208,158	15,272,205	15,335,350	15,397,099	15,458,163	15,508,219	15,571,323	15,634,411	15,697,548	15,761,111	15,824,310	
Cumulative Capacity Factor	75.2%	75.3%	75.3%	75.3%	75.3%	75.3%	75.3%	75.4%	75.4%	75.3%	75.3%	75.3%	75.4%	75.4%	75.4%	
Cumulative fuel input, MMBtu H	184,925	185,726	186,527	187,307	188,085	188,875	189,645	190,433	191,208	191,960	192,783	193,569	194,352	195,135	195,914	
Cumulative gross output, kWhr	14,957,815	15,021,085	15,084,785	15,147,072	15,208,158	15,272,205	15,335,350	15,397,099	15,458,163	15,508,219	15,571,323	15,634,411	15,697,548	15,761,111	15,824,310	
Cumulative heat rate, Btu/kWe g	11,129	11,130	11,131	11,132	11,133	11,133	11,132	11,134	11,135	11,143	11,145	11,145	11,145	11,145	11,145	
Cumulative heat rate, Btu/kWe g	12,363	12,364	12,365	12,366	12,367	12,367	12,367	12,368	12,369	12,378	12,381	12,381	12,381	12,381	12,381	
Service																
Engine 1																
Engine 2					Trip											
Engine 3																
Engine 4										Outage						
Oil - oil and filter change																
Service - plugs, air filter, valve inspe																
Precipitation																
NSTAR Power Reports	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	TOTAL
Date	9/16/2014	9/17/2014	9/18/2014	9/19/2014	9/20/2014	9/21/2014	9/22/2014	9/23/2014	9/24/2014	9/25/2014	9/26/2014	9/27/2014	9/28/2014	9/29/2014	9/30/2014	
Hour																
1	2,571	2,572	2,604	2,521	2,524	2,593	2,593	2,496	2,498	2,524	2,630	2,628	2,580	2,577	2,575	
2	2,571	2,572	2,620	2,522	2,524	2,593	2,593	2,497	2,498	2,523	2,609	2,629	2,580	2,578	2,575	
3	2,571	2,572	2,620	2,522	2,552	2,594	2,592	2,497	2,498	2,523	2,590	2,629	2,580	2,577	2,575	
4	2,571	2,572	2,620	2,523	2,388	2,593	2,592	2,497	2,499	2,523	2,604	2,629	2,580	2,578	2,576	
5	2,572	2,572	2,620	2,522	1,966	2,592	2,592	2,497	2,499	2,523	2,586	2,618	2,580	2,578	2,576	
6	2,572	2,573	2,586	2,522	1,967	2,592	2,592	2,497	2,498	2,523	2,580	2,582	2,581	2,577	2,576	
7	2,572	2,573	2,574	2,523	1,968	2,593	2,592	2,498	2,499	2,523	2,564	2,583	2,572	2,579	2,576	
8	2,570	2,572	2,573	2,521	2,194	2,594	2,546	2,498	2,493	2,520	2,550	2,584	2,534	2,576	2,576	
9	2,564	2,539	2,565	2,514	2,415	2,593	2,536	2,489	2,474	2,189	2,523	2,578	2,530	2,569	2,529	
10	2,562	2,515	2,563	2,513	2,558	2,592	2,535	2,496	2,440	-	2,574	2,575	2,526	2,566	2,521	
11	2,550	2,514	2,560	2,512	2,592	2,590	2,535	2,535	2,439	-	2,571	2,530	2,520	2,564	2,520	
12	2,554	2,513	2,560	2,513	2,593	2,591	2,535	2,489	2,421	-	2,521	2,521	2,520	2,562	2,522	
13	2,555	2,535	2,560	2,513	2,592	2,592	2,535	2,487	2,415	-	2,518	2,521	2,520	2,560	2,528	
14	2,559	2,559	2,560	2,513	2,592	2,592	2,558	2,486	2,415	15	2,535	2,520	2,566	2,560	2,569	
15	2,559	2,560	2,561	2,513	2,592	2,592	2,569	2,486	2,417	2,095	2,534	2,566	2,565	2,560	2,570	
16	2,560	2,562	2,561	2,515	2,592	2,593	2,535	2,487	2,443	2,817	2,600	2,566	2,565	2,571	2,569	
17	2,564	2,566	2,563	2,518	2,592	2,593	2,535	2,488	2,465	2,736	2,611	2,126	2,567	2,612	2,570	
18	2,571	2,568	2,568	2,523	2,593	2,594	2,538	2,489	2,466	2,660	2,616	2,566	2,569	2,616	2,569	
19	2,570	2,570	2,569	2,523	2,594	2,594	2,544	2,491	2,469	2,658	2,566	2,617	2,570	2,597	2,570	
20	2,571	2,570	2,569	2,523	2,594	2,594	2,543	2,497	2,473	2,676	2,060	2,574	2,570	2,571	2,575	
21	2,571	2,571	2,569	2,523	2,593	2,594	2,540	2,497	2,473	2,676	2,625	2,576	2,575	2,574	2,575	
22	2,571	2,571	2,569	2,523	2,594	2,593	2,495	2,497	2,474	2,659	2,627	2,578	2,574	2,574	2,575	
23	2,571	2,572	2,569	2,523	2,593	2,593	2,495	2,497	2,474	2,621	2,628	2,579	2,575	2,574	2,575	
24	2,572	2,573	2,560	2,523	2,594	2,593	2,496	2,498	2,479	2,633	2,628	2,579	2,576	2,574	2,574	
TOTAL	61,594	61,436	61,843	60,461	59,356	62,227	61,216	59,886	59,219	48,617	61,450	61,454	61,475	61,824	61,516	
Cumulative Output Sold, kW	977,621	1,039,057	1,100,900	1,161,361	1,220,717	1,282,944	1,344,160	1,404,046	1,463,265	1,511,882	1,573,332	1,634,786	1,696,261	1,758,085	1,819,601	
Transformer and line efficienc	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	0.0%
Hourly average	2,566	2,560	2,577	2,519	2,473	2,593	2,551	2,495	2,467	2,026	2,560	2,561	2,561	2,576	2,563	2,527

OCTOBER 2014																
CNBE Daily Reports Summary Data																
		Wednesday 10/1/2014	Thursday 10/2/2014	Friday 10/3/2014	Saturday 10/4/2014	Sunday 10/5/2014	Monday 10/6/2014	Tuesday 10/7/2014	Wednesday 10/8/2014	Thursday 10/9/2014	Friday 10/10/2014	Saturday 10/11/2014	Sunday 10/12/2014	Monday 10/13/2014	Tuesday 10/14/2014	Wednesday 10/15/2014
Landfill Gas Flow to the Engines (KSCF)		1,430	1,433	1,431	1,415	1,450	1,450	1,482	1,463	1,461	1,444	1,431	1,443	1,414	1,391	1,428
Landfill Gas Flow to the Engines (MMBTU HHV)		760	760	766	761	766	759	774	786	781	772	767	765	753	744	765
Landfill Gas Flow to the Flare (KSCF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Flow to the Flare (MMBTU HHV)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Total Flow (KSCF)		1,430	1,433	1,431	1,415	1,450	1,450	1,482	1,463	1,461	1,444	1,431	1,443	1,414	1,391	1,428
Landfill Gas Total Flow (MMBTU HHV)		760	760	766	761	766	759	774	786	781	772	767	765	753	744	765
Average Methane Content (%)		52.5	52.4	52.9	53.1	52.2	51.7	51.6	53.1	52.8	52.8	52.9	52.4	52.6	52.8	52.9
Engine 1 Hours		24	24	23	24	24	24	24	24	24	24	24	24	24	24	24
Engine 2 Hours		24	23	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	24	24	24
Engine 4 Hours		18	24	24	24	24	18	24	24	24	24	24	24	24	24	24
Generator 1 Power Output (kWhr)		16,546	16,934	15,102	15,514	15,512	17,194	16,688	16,688	16,418	15,514	15,510	15,512	14,736	15,508	15,516
Generator 2 Power Output (kWhr)		18,081	12,318	15,340	16,125	16,243	16,693	15,601	15,600	15,656	15,605	15,603	15,603	15,592	15,600	15,602
Generator 3 Power Output (kWhr)		16,920	16,600	14,510	14,398	14,390	16,902	16,752	16,754	15,584	15,576	15,574	15,572	15,472	15,576	15,574
Generator 4 Power Output (kWhr)		10,500	16,188	17,080	16,740	16,740	11,272	14,370	14,370	14,370	14,374	14,370	14,372	14,070	14,370	15,090
Gross Power Output (kWhr)		62,044	62,037	62,034	62,786	62,892	62,061	63,423	63,425	62,052	61,073	61,061	61,065	59,887	61,058	61,799
Net Power Output (kWhr)		60,600	60,560	60,560	61,312	61,456	60,600	61,808	61,816	60,536	59,576	59,696	59,680	58,448	59,488	60,112
Power Sold as metered by NStar, (kWhr)		60,441	60,398	60,402	61,137	61,295	60,445	61,619	61,615	60,353	59,410	59,545	59,516	58,281	59,301	59,905
Offgrid RECs (kWhr)		1,444	1,477	1,474	1,474	1,435	1,462	1,616	1,608	1,516	1,497	1,364	1,386	1,439	1,570	1,688
Calculated Performance Results																
Daily																
	Power output (kW average when running)															
	Generator 1	689	706	657	646	646	716	695	695	684	646	646	646	614	646	647
	Generator 2	753	536	639	672	677	696	650	650	652	650	650	650	650	650	650
	Generator 3	705	692	605	600	600	704	698	698	649	649	649	649	645	649	649
	Generator 4	583	675	712	698	698	626	599	599	599	599	599	599	586	599	629
	Power output (kW average over 24-hrs)															
	Facility Gross	2,585	2,585	2,585	2,616	2,621	2,586	2,643	2,643	2,586	2,545	2,544	2,544	2,495	2,544	2,575
	Facility Net	2,525	2,523	2,523	2,555	2,561	2,525	2,575	2,576	2,522	2,482	2,487	2,487	2,435	2,479	2,505
	In-plant load	60	62	61	61	60	61	67	67	63	62	57	58	60	65	70
	Daily availability factor															
	Facility	94%	99%	99%	100%	100%	94%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Engine 1	100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Engine 2	100%	96%	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%	100%	100%	100%
	Engine 4	75%	100%	100%	100%	100%	75%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Daily capacity factor															
	Facility	78%	78%	78%	79%	79%	78%	80%	80%	78%	77%	77%	77%	76%	77%	78%
	Engine 1	84%	86%	80%	78%	78%	87%	84%	84%	83%	78%	78%	78%	74%	78%	78%
	Engine 2	91%	65%	77%	81%	82%	84%	79%	79%	79%	79%	79%	79%	79%	79%	79%
	Engine 3	85%	84%	73%	73%	73%	85%	85%	85%	79%	79%	79%	79%	78%	79%	79%
	Engine 4	71%	82%	86%	85%	85%	76%	73%	73%	73%	73%	73%	73%	71%	73%	76%
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	71	95	119	143	167	191	215	239	263	287	311	335	359
	Engine 2	24	47	71	95	119	143	167	191	215	239	263	287	311	335	359
	Engine 3	24	48	72	96	120	144	168	192	216	240	264	288	312	336	360
	Engine 4	18	42	66	90	114	132	156	180	204	228	252	276	300	324	348
	Engine operating run hours total from 0 hours															
	Engine 1	71,775	71,799	71,823	71,846	71,870	71,894	71,918	71,942	71,966	71,990	72,014	72,038	72,062	72,086	72,110
	Engine 2	67,118	67,142	67,165	67,189	67,213	67,237	67,261	67,285	67,309	67,333	67,357	67,381	67,405	67,429	67,477
	Engine 3	69,548	69,572	69,596	69,620	69,644	69,668	69,692	69,716	69,740	69,764	69,788	69,812	69,836	69,860	69,908
	Engine 4	67,499	67,517	67,541	67,565	67,589	67,613	67,637	67,655	67,679	67,703	67,727	67,751	67,775	67,799	67,847
	Cumulative availability, %	October 1, 2014 @ 00:00 hours														
	Engine 1	100%	100%	99%	99%	99%	99%	99%	99%	100%	100%	100%	100%	100%	100%	100%
	Engine 2	100%	98%	99%	99%	99%	99%	99%	99%	100%	100%	100%	100%	100%	100%	100%
	Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Engine 4	75%	88%	92%	94%	95%	92%	93%	94%	94%	95%	95%	96%	96%	96%	97%
	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	689	1,395	2,052	2,698	3,344	4,061	4,756	5,451	6,136	6,782	7,428	8,075	8,689	9,335	9,981
	Engine 2	753	1,289	1,928	2,600	3,277	3,972	4,622	5,272	5,925	6,575	7,225	7,875	8,525	9,175	9,825
	Engine 3	705	1,397	2,001	2,601	3,201	3,905	4,603	5,301	5,950	6,599	7,248	7,897	8,542	9,191	9,840
	Engine 4	583	1,258	1,970	2,667	3,365	3,991	4,589	5,188	5,787	6,386	6,985	7,583	8,170	8,768	9,397
	Cumulative capacity factor, %															
	Engine 1	84%	85%	83%	82%	81%	82%	82%	83%	83%	82%	82%	82%	81%	81%	81%
	Engine 2	91%	78%	78%	79%	79%	80%	80%	80%	80%	80%	80%	80%	79%	79%	79%
	Engine 3	85%	85%	81%	79%	78%	79%	80%	80%	80%	80%	80%	80%	80%	80%	80%
	Engine 4	71%	76%	80%	81%	82%	81%	79%	79%	78%	77%	77%	77%	76%	76%	76%

		Wednesday 10/1/2014	Thursday 10/2/2014	Friday 10/3/2014	Saturday 10/4/2014	Sunday 10/5/2014	Monday 10/6/2014	Tuesday 10/7/2014	Wednesday 10/8/2014	Thursday 10/9/2014	Friday 10/10/2014	Saturday 10/11/2014	Sunday 10/12/2014	Monday 10/13/2014	Tuesday 10/14/2014	Wednesday 10/15/2014
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		90	185	280	376	472	562	658	754	850	946	1,042	1,138	1,234	1,330	1,426
Cumulative Availability, %		93.8%	96.4%	97.2%	97.9%	98.3%	97.6%	97.9%	98.2%	98.4%	98.5%	98.7%	98.8%	98.9%	99.0%	99.0%
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		62,044	124,081	186,115	248,901	311,793	373,854	437,277	500,702	562,754	623,827	684,888	745,953	805,840	866,898	928,697
Cumulative Capacity Factor		78.3%	78.3%	78.3%	78.6%	78.7%	78.7%	78.9%	79.0%	78.9%	78.8%	78.6%	78.5%	78.3%	78.2%	78.2%
Cumulative fuel input, MMBtu HHV		760	1,519	2,285	3,046	3,812	4,571	5,345	6,130	6,911	7,683	8,449	9,214	9,967	10,710	11,475
Cumulative gross output, kWhr		62,044	124,081	186,115	248,901	311,793	373,854	437,277	500,702	562,754	623,827	684,888	745,953	805,840	866,898	928,697
Heat Rate																
Daily heat rate, Btu/kWe gross LHV		11,021	11,021	11,116	10,911	10,960	11,015	10,979	11,150	11,326	11,372	11,300	11,276	11,314	10,966	11,139
Daily heat rate, Btu/kWe gross HHV		12,243	12,243	12,348	12,121	12,175	12,236	12,196	12,386	12,581	12,632	12,553	12,526	12,569	12,182	12,374
Cumulative heat rate, Btu/kWe gross LHV		11,021	11,021	11,053	11,017	11,005	11,007	11,003	11,021	11,055	11,086	11,105	11,119	11,134	11,122	11,123
Cumulative heat rate, Btu/kWe gross HHV		12,243	12,243	12,278	12,238	12,225	12,227	12,223	12,243	12,281	12,315	12,336	12,352	12,368	12,355	12,356
Cumulative by Facility starting Calendar Year																
Max cumulative available engine run hours	25,536	25,536	25,632	25,728	25,824	25,920	26,016	26,112	26,208	26,304	26,400	26,496	26,592	26,688	26,784	26,880
Actual cumulative engine run hours	20,895	20,895	20,990	21,085	21,181	21,277	21,367	21,463	21,559	21,655	21,751	21,847	21,943	22,039	22,135	22,231
Cumulative Availability, %	81.8%	81.8%	81.9%	82.0%	82.0%	82.1%	82.1%	82.2%	82.3%	82.3%	82.4%	82.5%	82.5%	82.6%	82.6%	82.7%
Max cumulative gross output, kWhr	21,067,200	21,067,200	21,146,400	21,225,600	21,304,800	21,384,000	21,463,200	21,542,400	21,621,600	21,700,800	21,780,000	21,859,200	21,938,400	22,017,600	22,096,800	22,176,000
Actual cumulative gross output, kWhr	15,886,354	15,886,354	15,948,391	16,010,425	16,073,211	16,136,103	16,198,164	16,261,587	16,325,012	16,387,064	16,448,137	16,509,198	16,570,263	16,630,150	16,691,208	16,753,007
Cumulative Capacity Factor	75.4%	75.4%	75.4%	75.4%	75.4%	75.5%	75.5%	75.5%	75.5%	75.5%	75.5%	75.5%	75.5%	75.5%	75.5%	75.5%
Cumulative fuel input, MMBtu HHV	196,674	196,674	197,433	198,199	198,960	199,726	200,485	201,259	202,044	202,825	203,597	204,363	205,128	205,881	206,625	207,389
Cumulative gross output, kWhr	15,886,354	15,886,354	15,948,391	16,010,425	16,073,211	16,136,103	16,198,164	16,261,587	16,325,012	16,387,064	16,448,137	16,509,198	16,570,263	16,630,150	16,691,208	16,753,007
Cumulative heat rate, Btu/kWe gross LHV	11,144	11,144	11,144	11,144	11,143	11,142	11,142	11,141	11,141	11,142	11,143	11,143	11,144	11,144	11,144	11,144
Cumulative heat rate, Btu/kWe gross HHV	12,380	12,380	12,380	12,379	12,378	12,378	12,377	12,376	12,376	12,377	12,378	12,379	12,379	12,380	12,379	12,379
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 10/1/2014	Thursday 10/2/2014	Friday 10/3/2014	Saturday 10/4/2014	Sunday 10/5/2014	Monday 10/6/2014	Tuesday 10/7/2014	Wednesday 10/8/2014	Thursday 10/9/2014	Friday 10/10/2014	Saturday 10/11/2014	Sunday 10/12/2014	Monday 10/13/2014	Tuesday 10/14/2014	Wednesday 10/15/2014
Date																
Hour																
1		2,575	2,526	2,533	2,525	2,574	2,529	2,575	2,568	2,538	2,478	2,481	2,483	2,482	2,471	2,475
2		2,575	2,527	2,533	2,526	2,575	2,530	2,574	2,567	2,527	2,479	2,481	2,483	2,480	2,477	2,475
3		2,575	2,527	2,533	2,525	2,576	2,530	2,574	2,567	2,528	2,479	2,481	2,483	2,482	2,477	2,475
4		2,574	2,527	2,532	2,525	2,576	2,530	2,575	2,567	2,528	2,480	2,481	2,483	2,483	2,477	2,475
5		2,574	2,526	2,533	2,525	2,576	2,531	2,574	2,567	2,529	2,481	2,481	2,485	2,482	2,477	2,476
6		2,574	2,527	2,532	2,525	2,577	2,531	2,573	2,567	2,530	2,480	2,480	2,483	2,483	2,477	2,476
7		2,571	2,527	2,534	2,525	2,577	2,531	2,574	2,570	2,531	2,482	2,480	2,485	2,482	2,477	2,476
8		2,528	2,527	2,531	2,526	2,579	2,532	2,569	2,570	2,531	2,480	2,481	2,485	2,482	2,477	2,476
9		2,522	2,419	2,414	2,526	2,543	2,171	2,564	2,566	2,520	2,469	2,481	2,483	2,324	2,473	2,463
10		2,476	2,422	2,199	2,526	2,527	2,429	2,563	2,565	2,521	2,467	2,482	2,479	2,324	2,468	2,488
11		2,395	2,505	2,282	2,527	2,527	2,424	2,562	2,565	2,519	2,466	2,482	2,477	2,365	2,467	2,506
12		2,410	2,517	2,570	2,528	2,526	2,424	2,560	2,563	2,558	2,466	2,481	2,477	2,369	2,465	2,506
13		2,398	2,521	2,571	2,527	2,526	2,426	2,560	2,563	2,528	2,467	2,482	2,476	2,369	2,460	2,505
14		2,401	2,520	2,571	2,557	2,527	2,425	2,562	2,563	2,514	2,472	2,482	2,475	2,373	2,458	2,505
15		2,400	2,521	2,571	2,575	2,526	2,642	2,561	2,563	2,514	2,471	2,481	2,476	2,428	2,459	2,506
16		2,421	2,522	2,566	2,576	2,572	2,622	2,560	2,564	2,514	2,473	2,481	2,475	2,430	2,459	2,507
17		2,609	2,522	2,571	2,576	2,575	2,612	2,565	2,563	2,515	2,473	2,481	2,475	2,430	2,461	2,508
18		2,586	2,523	2,573	2,576	2,576	2,590	2,567	2,566	2,520	2,474	2,481	2,477	2,431	2,472	2,513
19		2,575	2,532	2,573	2,575	2,577	2,569	2,568	2,571	2,500	2,476	2,480	2,477	2,431	2,475	2,512
20		2,574	2,532	2,573	2,575	2,568	2,572	2,568	2,572	2,477	2,479	2,481	2,479	2,430	2,476	2,516
21		2,549	2,531	2,531	2,574	2,529	2,574	2,568	2,572	2,477	2,479	2,481	2,480	2,430	2,475	2,515
22		2,526	2,532	2,526	2,573	2,528	2,574	2,568	2,572	2,478	2,479	2,479	2,479	2,431	2,474	2,517
23		2,526	2,532	2,526	2,572	2,529	2,573	2,567	2,572	2,478	2,480	2,481	2,480	2,430	2,474	2,516
24		2,527	2,533	2,524	2,572	2,529	2,574	2,568	2,572	2,478	2,480	2,483	2,481	2,430	2,475	2,518
TOTAL		60,441	60,398	60,402	61,137	61,295	60,445	61,619	61,615	60,353	59,410	59,545	59,516	58,281	59,301	59,905
Cumulative Output Sold, kWhr		60,441	120,839	181,241	242,378	303,673	364,118	425,737	487,352	547,705	607,115	666,660	726,176	784,457	843,758	903,663
Transformer and line efficiency		99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%
Hourly average		2,518	2,517	2,517	2,547	2,554	2,519	2,567	2,567	2,515	2,475	2,481	2,480	2,428	2,471	2,496

OCTOBER 2014																	
CNBE Daily Reports Summary Data																	
	Thursday 10/16/2014	Friday 10/17/2014	Saturday 10/18/2014	Sunday 10/19/2014	Monday 10/20/2014	Tuesday 10/21/2014	Wednesday 10/22/2014	Thursday 10/23/2014	Friday 10/24/2014	Saturday 10/25/2014	Sunday 10/26/2014	Monday 10/27/2014	Tuesday 10/28/2014	Wednesday 10/29/2014	Thursday 10/30/2014	Friday 10/31/2014	TOTAL
Landfill Gas Flow to the Engines (K)	1,418	1,446	1,456	1,436	1,464	1,462	1,206	1,237	1,263	1,315	1,322	1,326	1,271	1,285	1,472	1,413	43,356
Landfill Gas Flow to the Engines (M	765	788	802	782	790	785	678	699	712	741	741	737	719	727	803	781	23,525
Landfill Gas Flow to the Flare (KSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Flow to the Flare (MME	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Total Flow (KSCF)	1,418	1,446	1,456	1,436	1,464	1,462	1,206	1,237	1,263	1,315	1,322	1,326	1,271	1,285	1,472	1,413	43,356
Landfill Gas Total Flow (MMBTU Hr)	765	788	802	782	790	785	678	699	712	741	741	737	719	727	803	781	23,525
Average Methane Content (%)	53.3	53.8	54.4	53.8	53.4	53.1	55.5	55.8	55.7	55.7	55.4	54.9	55.9	55.9	53.9	54.6	53.6
Engine 1 Hours	24	24	24	24	24	24	24	24	24	24	24	24	23	24	24	24	742
Engine 2 Hours	24	24	24	24	24	24	-	-	14	24	24	24	24	24	24	24	685
Engine 3 Hours	24	24	24	24	24	24	16	24	24	24	24	23	15	11	23	24	712
Engine 4 Hours	24	24	24	24	24	24	24	24	10	-	-	-	11	22	24	22	629
Generator 1 Power Output (kWhr)	15,514	15,512	15,512	15,512	15,512	15,514	18,050	19,624	19,622	19,616	19,614	19,194	19,094	19,048	16,614	13,736	516,180
Generator 2 Power Output (kWhr)	15,602	16,124	16,771	16,479	15,596	16,071	5,948	-	10,480	19,718	19,718	19,814	19,962	19,962	19,964	19,964	487,435
Generator 3 Power Output (kWhr)	15,572	16,346	16,530	15,574	15,568	15,928	11,286	19,748	19,740	19,738	19,738	19,464	12,506	5,720	15,838	17,076	492,526
Generator 4 Power Output (kWhr)	15,550	15,938	15,548	15,548	15,836	14,854	13,694	13,790	5,868	-	-	-	3,390	11,956	13,510	12,222	385,980
Gross Power Output (kWhr)	62,239	63,919	64,366	63,123	62,504	62,371	49,004	53,195	55,720	59,065	59,075	58,471	54,981	56,758	65,914	62,999	1,882,401
Net Power Output (kWhr)	60,592	62,336	62,840	61,656	61,032	60,888	47,912	52,048	54,536	57,808	57,896	57,296	53,768	55,200	64,112	61,288	1,837,456
Power Sold as metered by NStar, (k	60,405	62,134	62,652	61,477	60,889	60,719	47,786	51,879	54,369	57,656	57,737	57,146	53,639	54,974	63,958	61,140	1,832,223
Offgrid RECs (kWhr)	1,646	1,583	1,526	1,466	1,472	1,484	1,090	1,148	1,184	1,257	1,179	1,175	1,213	1,558	1,802	1,711	44,944
Calculated Performance Results																	
Daily																	
Power output (kW average whe																	
Generator 1	646	646	646	646	646	646	752	818	818	817	817	800	830	794	692	572	
Generator 2	650	672	699	687	650	670	-	-	749	822	822	826	832	832	832	832	
Generator 3	649	681	689	649	649	664	705	823	823	822	822	846	834	520	689	712	
Generator 4	648	664	648	648	660	619	571	575	587	-	-	-	308	543	563	556	
Power output (kW average over																	
Facility Gross	2,593	2,663	2,682	2,630	2,604	2,599	2,042	2,216	2,322	2,461	2,461	2,436	2,291	2,365	2,746	2,625	
Facility Net	2,525	2,597	2,618	2,569	2,543	2,537	1,996	2,169	2,272	2,409	2,412	2,387	2,240	2,300	2,671	2,554	
In-plant load	69	66	64	61	61	62	46	48	49	52	49	49	51	65	75	71	
Daily availability factor																	
Facility	100%	100%	100%	100%	100%	100%	67%	75%	75%	75%	75%	74%	76%	84%	99%	98%	
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	
Engine 2	100%	100%	100%	100%	100%	100%	0%	0%	58%	100%	100%	100%	100%	100%	100%	100%	
Engine 3	100%	100%	100%	100%	100%	100%	67%	100%	100%	100%	100%	96%	63%	46%	96%	100%	
Engine 4	100%	100%	100%	100%	100%	100%	100%	100%	42%	0%	0%	0%	46%	92%	100%	92%	
Daily capacity factor																	
Facility	79%	81%	81%	80%	79%	79%	62%	67%	70%	75%	75%	74%	69%	72%	83%	80%	
Engine 1	78%	78%	78%	78%	78%	78%	91%	99%	99%	99%	99%	97%	101%	96%	84%	69%	
Engine 2	79%	81%	85%	83%	79%	81%	0%	0%	91%	100%	100%	100%	101%	101%	101%	101%	
Engine 3	79%	83%	83%	79%	79%	80%	86%	100%	100%	100%	100%	103%	101%	63%	83%	86%	
Engine 4	79%	80%	79%	79%	80%	75%	69%	70%	71%	0%	0%	0%	37%	66%	68%	67%	
Cumulative by engine																	
Engine operating run hours in tr																	
Max Cumulative Available, t	384	408	432	456	480	504	528	552	576	600	624	648	672	696	720	720	
Engine 1	383	407	431	455	479	503	527	551	575	599	623	647	670	694	718	718	
Engine 2	383	407	431	455	479	503	503	503	517	541	565	589	613	637	661	661	
Engine 3	384	408	432	456	480	504	520	544	568	592	616	639	654	665	688	689	
Engine 4	372	396	420	444	468	492	516	540	550	550	550	550	561	583	607	605	
Engine operating run hours tota																	
Engine 1	72,158	72,182	72,206	72,230	72,254	72,278	72,302	72,326	72,350	72,374	72,398	72,422	72,445	72,469	72,493	72,493	
Engine 2	67,501	67,525	67,549	67,573	67,597	67,621	67,621	67,621	67,635	67,659	67,683	67,707	67,731	67,755	67,779	67,779	
Engine 3	69,932	69,956	69,980	70,004	70,028	70,052	70,068	70,092	70,116	70,140	70,164	70,187	70,202	70,213	70,236	70,237	
Engine 4	67,871	67,895	67,919	67,943	67,967	67,991	68,015	68,039	68,049	68,049	68,049	68,049	68,060	68,082	68,106	68,104	
Cumulative availability, %																	
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 2	100%	100%	100%	100%	100%	100%	95%	91%	90%	90%	91%	91%	92%	92%	92%	92%	
Engine 3	100%	100%	100%	100%	100%	100%	98%	99%	99%	99%	99%	99%	97%	96%	96%	96%	
Engine 4	97%	97%	97%	97%	98%	98%	98%	98%	95%	92%	88%	85%	83%	84%	84%	84%	
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	24,750	
Engine 1	10,628	11,274	11,920	12,567	13,213	13,859	14,611	15,429	16,247	17,064	17,881	18,681	19,511	20,305	20,997	20,877	
Engine 2	10,475	11,147	11,846	12,532	13,182	13,852	13,852	13,852	14,600	15,422	16,243	17,069	17,901	18,733	19,564	19,564	
Engine 3	10,489	11,170	11,858	12,507	13,156	13,820	14,525	15,348	16,170	16,993	17,815	18,661	19,495	20,015	20,704	20,727	
Engine 4	10,045	10,709	11,357	12,005	12,665	13,284	13,854	14,429	15,016	15,016	15,016	15,016	15,324	15,867	16,430	16,423	
Cumulative capacity factor, %																	
Engine 1	81%	80%	80%	80%	80%	80%	81%	81%	82%	83%	83%	84%	84%	85%	85%	84%	
Engine 2	79%	79%	80%	80%	80%	80%	76%	73%	74%	75%	76%	77%	78%	78%	79%	79%	
Engine 3	79%	80%	80%	80%	80%	80%	80%	81%	82%	82%	83%	84%	84%	84%	84%	84%	
Engine 4	76%	76%	76%	77%	77%	77%	76%	76%	76%	73%	70%	67%	66%	66%	66%	66%	

	Thursday 10/16/2014	Friday 10/17/2014	Saturday 10/18/2014	Sunday 10/19/2014	Monday 10/20/2014	Tuesday 10/21/2014	Wednesday 10/22/2014	Thursday 10/23/2014	Friday 10/24/2014	Saturday 10/25/2014	Sunday 10/26/2014	Monday 10/27/2014	Tuesday 10/28/2014	Wednesday 10/29/2014	Thursday 10/30/2014	Friday 10/31/2014	TOTAL
Cumulative by Facility in month																	
Max cumulative available engin	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	2,880	
Actual cumulative engine run h	1,522	1,618	1,714	1,810	1,906	2,002	2,066	2,138	2,210	2,282	2,354	2,426	2,498	2,579	2,674	2,673	
Cumulative Availability, %	99.1%	99.1%	99.2%	99.2%	99.3%	99.3%	97.8%	96.8%	95.9%	95.1%	94.3%	93.6%	92.9%	92.6%	92.8%	92.8%	
Max cumulative gross output, kW	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	2,376,000	
Actual cumulative gross output, kW	990,936	1,054,855	1,119,221	1,182,344	1,244,848	1,307,219	1,356,223	1,409,418	1,465,138	1,524,203	1,583,278	1,641,749	1,696,730	1,753,488	1,819,402	1,816,487	
Cumulative Capacity Factor	78.2%	78.3%	78.5%	78.6%	78.6%	78.6%	77.8%	77.4%	77.1%	77.0%	76.9%	76.8%	76.5%	76.3%	76.6%	76.5%	
Cumulative fuel input, MMBtu H	12,241	13,028	13,830	14,613	15,403	16,188	16,866	17,565	18,277	19,018	19,759	20,495	21,215	21,942	22,745	22,722	
Cumulative gross output, kWhr	990,936	1,054,855	1,119,221	1,182,344	1,244,848	1,307,219	1,356,223	1,409,418	1,465,138	1,524,203	1,583,278	1,641,749	1,696,730	1,753,488	1,819,402	1,816,487	
Heat Rate																	
Daily heat rate, Btu/kWe gross t	11,070	11,094	11,218	11,158	11,382	11,334	12,449	11,822	11,504	11,298	11,284	11,345	11,774	11,530	10,969	11,155	
Daily heat rate, Btu/kWe gross t	12,298	12,323	12,462	12,395	12,644	12,591	13,829	13,133	12,780	12,551	12,535	12,603	13,079	12,809	12,186	12,392	
Cumulative heat rate, Btu/kWe g	11,120	11,118	11,124	11,126	11,139	11,148	11,195	11,219	11,229	11,232	11,234	11,238	11,255	11,264	11,254	11,260	
Cumulative heat rate, Btu/kWe g	12,352	12,351	12,357	12,359	12,373	12,384	12,436	12,462	12,474	12,477	12,479	12,484	12,503	12,513	12,501	12,509	
Cumulative by Facility starting C																	
Max cumulative available engin	26,976	27,072	27,168	27,264	27,360	27,456	27,552	27,648	27,744	27,840	27,936	28,032	28,128	28,224	28,320	28,320	
Actual cumulative engine run h	22,327	22,423	22,519	22,615	22,711	22,807	22,871	22,943	23,015	23,087	23,159	23,230	23,303	23,384	23,479	23,478	
Cumulative Availability, %	82.8%	82.8%	82.9%	82.9%	83.0%	83.1%	83.0%	83.0%	83.0%	82.9%	82.9%	82.9%	82.8%	82.9%	82.9%	82.9%	
Max cumulative gross output, kW	22,255,200	22,334,400	22,413,600	22,492,800	22,572,000	22,651,200	22,730,400	22,809,600	22,888,800	22,968,000	23,047,200	23,126,400	23,205,600	23,284,800	23,364,000	23,364,000	
Actual cumulative gross output, kW	16,815,246	16,879,165	16,943,531	17,006,654	17,069,158	17,131,529	17,180,533	17,233,728	17,289,448	17,348,513	17,407,588	17,466,059	17,521,040	17,577,798	17,643,712	17,640,797	
Cumulative Capacity Factor	75.6%	75.6%	75.6%	75.6%	75.6%	75.6%	75.6%	75.6%	75.5%	75.5%	75.5%	75.5%	75.5%	75.5%	75.5%	75.5%	
Cumulative fuel input, MMBtu H	208,155	208,942	209,744	210,527	211,317	212,102	212,780	213,479	214,191	214,932	215,673	216,410	217,129	217,856	218,659	218,636	
Cumulative gross output, kWhr	16,815,246	16,879,165	16,943,531	17,006,654	17,069,158	17,131,529	17,180,533	17,233,728	17,289,448	17,348,513	17,407,588	17,466,059	17,521,040	17,577,798	17,643,712	17,640,797	
Cumulative heat rate, Btu/kWe g	11,143	11,143	11,144	11,144	11,144	11,145	11,149	11,151	11,152	11,153	11,153	11,154	11,156	11,157	11,156	11,157	
Cumulative heat rate, Btu/kWe g	12,379	12,379	12,379	12,379	12,380	12,381	12,385	12,387	12,389	12,389	12,390	12,390	12,392	12,394	12,393	12,394	
Service																	
Engine 1																	
Engine 2							Overhaul - TopEnd	Restart									
Engine 3							FuelSystem failure-Gheads torched										
Engine 4							Cyl 6-No compression	Overhaul - Inframe									
Oil - oil and filter change																	
Service - plugs, air filter, valve inspe																	
Precipitation																	
NSTAR Power Reports	Thursday Date Hour	Friday 10/17/2014	Saturday 10/18/2014	Sunday 10/19/2014	Monday 10/20/2014	Tuesday 10/21/2014	Wednesday 10/22/2014	Thursday 10/23/2014	Friday 10/24/2014	Saturday 10/25/2014	Sunday 10/26/2014	Monday 10/27/2014	Tuesday 10/28/2014	Wednesday 10/29/2014	Thursday 10/30/2014	Friday 10/31/2014	TOTAL
1	2,517	2,522	2,621	2,573	2,529	2,530	2,411	2,166	2,163	2,407	2,404	2,410	2,434	1,970	2,746	2,698	
2	2,517	2,522	2,620	2,572	2,530	2,529	1,896	2,166	2,163	2,407	2,403	2,410	2,434	1,969	2,718	2,698	
3	2,517	2,523	2,621	2,572	2,531	2,529	1,898	2,166	2,164	2,407	2,403	2,410	2,434	1,970	2,697	2,697	
4	2,519	2,523	2,621	2,573	2,532	2,528	1,898	2,166	2,164	2,407	2,404	2,409	2,434	1,969	2,698	2,698	
5	2,522	2,523	2,622	2,573	2,532	2,529	1,914	2,167	2,164	2,407	2,404	2,410	2,434	1,970	2,698	2,698	
6	2,523	2,524	2,622	2,573	2,533	2,529	1,598	2,166	2,164	2,407	2,405	2,410	2,435	1,969	2,697	2,698	
7	2,523	2,527	2,621	2,573	2,533	2,529	1,689	2,166	2,164	2,407	2,405	2,408	2,434	1,969	2,696	2,697	
8	2,521	2,529	2,622	2,574	2,534	2,530	1,293	2,162	2,162	2,409	2,406	2,405	2,433	2,005	2,697	2,698	
9	2,511	2,586	2,621	2,574	2,528	2,527	1,391	2,159	2,160	2,402	2,406	2,403	2,429	2,061	2,692	2,693	
10	2,513	2,609	2,618	2,574	2,519	2,518	2,166	2,157	2,151	2,396	2,398	2,399	2,423	2,082	2,443	2,223	
11	2,512	2,611	2,617	2,574	2,519	2,520	2,180	2,155	1,893	2,396	2,399	2,398	2,414	2,165	2,678	2,168	
12	2,511	2,564	2,617	2,573	2,520	2,518	2,183	2,156	2,200	2,394	2,402	2,398	2,419	2,228	2,635	2,110	
13	2,511	2,572	2,617	2,573	2,519	2,516	2,028	2,157	2,285	2,392	2,407	2,397	2,415	2,247	2,680	2,110	
14	2,512	2,638	2,617	2,573	2,563	2,516	2,111	2,156	2,367	2,393	2,407	2,398	2,414	2,248	2,334	2,421	
15	2,512	2,657	2,617	2,572	2,567	2,334	2,105	2,157	2,387	2,394	2,408	1,655	2,519	2,463	2,609	2,692	
16	2,513	2,659	2,617	2,573	2,567	2,567	1,724	2,159	2,389	2,402	2,407	2,390	1,620	2,734	2,685	2,647	
17	2,515	2,664	2,618	2,574	2,565	2,569	2,138	2,160	2,398	2,403	2,408	2,420	1,735	2,739	2,686	2,604	
18	2,515	2,665	2,620	2,573	2,565	2,575	2,166	2,159	2,403	2,404	2,408	2,423	1,960	2,741	2,692	2,593	
19	2,516	2,618	2,619	2,526	2,561	2,574	2,167	2,161	2,403	2,404	2,408	2,430	1,970	2,740	2,695	2,547	
20	2,520	2,619	2,596	2,526	2,527	2,574	2,167	2,164	2,404	2,404	2,408	2,431	1,970	2,267	2,695	2,547	
21	2,520	2,619	2,572	2,526	2,528	2,574	2,167	2,164	2,405	2,404	2,409	2,433	1,970	2,235	2,696	2,549	
22	2,521	2,620	2,572	2,527	2,529	2,552	2,165	2,164	2,406	2,404	2,409	2,432	1,970	2,741	2,695	2,552	
23	2,522	2,620	2,572	2,528	2,529	2,526	2,166	2,163	2,405	2,403	2,409	2,433	1,969	2,746	2,698	2,551	
24	2,522	2,620	2,572	2,528	2,529	2,526	2,165	2,163	2,405	2,403	2,410	2,434	1,970	2,746	2,698	2,551	
TOTAL	60,405	62,134	62,652	61,477	60,889	60,719	47,786	51,879	54,369	57,656	57,737	57,146	53,639	54,974	63,958	61,140	
Cumulative Output Sold, kW	964,068	1,026,202	1,088,854	1,150,331	1,211,220	1,271,939	1,319,725	1,371,604	1,425,973	1,483,629	1,541,366	1,598,512	1,652,151	1,707,125	1,771,083	1,832,223	
Transformer and line efficienc	99.7%	99.7%	99.7%	99.7%	99.8%	99.8%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.8%	99.8%	99.8%	99.8%	0.0%
Hourly average	2,517	2,589	2,611	2,562	2,537	2,530	1,991	2,162	2,265	2,402	2,406	2,381	2,235	2,291	2,665	2,548	2,463

NOVEMBER 2014																
CNBE Daily Reports Summary Data			DLS Add Hr.													
		Saturday 11/1/2014	Sunday 11/2/2014	Monday 11/3/2014	Tuesday 11/4/2014	Wednesday 11/5/2014	Thursday 11/6/2014	Friday 11/7/2014	Saturday 11/8/2014	Sunday 11/9/2014	Monday 11/10/2014	Tuesday 11/11/2014	Wednesday 11/12/2014	Thursday 11/13/2014	Friday 11/14/2014	Saturday 11/15/2014
LFG and Biogas Flow to the Engines (KSCF)	1,407	1,441	1,381	1,405	1,442	1,472	1,472	1,472	1,478	1,301	1,271	1,245	1,234	886	1,275	149
LFG and Biogas Flow to the Engines (MMBTU HHV)	780	800	760	770	784	795	786	779	702	691	682	673	673	481	675	79
LFG and Biogas Flow to the Flare (KSCF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and Biogas Flow to the Flare (MMBTU HHV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and Biogas Total Flow (KSCF)	1,407	1,441	1,381	1,405	1,442	1,472	1,472	1,472	1,478	1,301	1,271	1,245	1,234	886	1,275	149
LFG and Biogas Total Flow (MMBTU HHV)	780	800	760	770	784	795	786	779	702	691	682	673	673	481	675	79
Average Methane Content (%)	54.8	54.8	54.4	54.2	53.7	53.4	52.8	52.1	53.3	53.7	54.1	53.9	53.7	53.7	52.3	52.0
Engine 1 Hours	24	25	24	24	24	24	24	24	23	8	-	1	-	6	16	-
Engine 2 Hours	24	25	24	24	24	24	24	24	24	22	24	24	24	15	19	-
Engine 3 Hours	24	25	24	24	24	24	24	24	24	23	24	24	24	17	22	14
Engine 4 Hours	24	25	24	24	24	24	24	24	24	22	24	24	24	15	19	-
Generator 1 Power Output (kWhr)	13,152	13,698	13,812	15,278	16,584	17,272	17,086	14,864	4,380	-	26	-	-	3,786	7,276	-
Generator 2 Power Output (kWhr)	18,940	19,304	17,450	16,772	16,812	17,368	17,376	18,232	17,402	19,726	19,492	19,956	12,684	14,522	-	-
Generator 3 Power Output (kWhr)	16,760	17,458	16,028	15,574	16,364	17,350	16,988	17,746	17,966	19,730	19,542	19,952	13,020	16,182	5,480	-
Generator 4 Power Output (kWhr)	13,168	13,718	13,166	13,500	12,574	12,712	12,712	12,712	15,484	19,248	18,364	19,084	10,696	14,106	-	-
Gross Power Output (kWhr)	62,024	64,196	60,494	61,160	62,352	64,727	64,188	63,570	55,215	58,655	57,365	58,929	40,198	52,089	5,642	-
Net Power Output (kWhr)	60,368	62,384	58,752	59,416	60,608	62,784	62,216	61,640	53,520	56,976	55,720	57,304	39,040	50,648	4,808	-
Power Sold as metered by NStar, (kWhr)	60,241	62,266	58,611	59,245	60,434	62,650	62,075	61,495	53,393	56,814	55,565	57,176	38,899	50,662	4,849	-
Offgrid RECs (kWhr)	1,656	1,812	1,743	1,743	1,744	1,944	1,972	1,931	1,694	1,678	1,644	1,626	1,157	1,440	831	-
Calculated Performance Results																
Daily																
Power output (kW average when running)																
Generator 1	548	548	576	637	691	720	712	646	548	-	26	-	631	455	-	-
Generator 2	789	772	727	699	701	724	724	760	791	822	812	832	846	764	-	-
Generator 3	698	698	668	649	682	723	708	739	781	822	814	831	766	736	391	-
Generator 4	549	549	549	563	524	530	530	530	704	802	765	795	713	742	-	-
Power output (kW average over 24-hrs)																
Facility Gross	2,584	2,675	2,521	2,548	2,598	2,697	2,675	2,649	2,301	2,444	2,390	2,455	1,675	2,170	235	-
Facility Net	2,515	2,599	2,448	2,476	2,525	2,616	2,592	2,568	2,230	2,374	2,322	2,388	1,627	2,110	200	-
In-plant load	69	76	73	73	73	81	82	80	71	70	69	68	48	60	35	-
Daily availability factor																
Facility	100%	100%	100%	100%	100%	100%	100%	99%	78%	75%	76%	75%	55%	79%	15%	-
Engine 1	100%	100%	100%	100%	100%	100%	100%	96%	33%	0%	4%	0%	25%	67%	0%	-
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	92%	100%	100%	100%	63%	79%	0%	-
Engine 3	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	100%	71%	92%	58%	-
Engine 4	100%	100%	100%	100%	100%	100%	100%	92%	100%	100%	100%	100%	63%	79%	0%	-
Daily capacity factor																
Facility	78%	81%	76%	77%	79%	82%	81%	80%	70%	74%	72%	74%	51%	66%	7%	-
Engine 1	66%	66%	70%	77%	84%	87%	86%	66%	0%	3%	0%	7%	55%	0%	0%	-
Engine 2	96%	94%	88%	85%	85%	88%	88%	92%	96%	100%	98%	101%	102%	93%	0%	-
Engine 3	85%	85%	81%	79%	83%	88%	86%	90%	95%	100%	99%	101%	93%	89%	47%	-
Engine 4	67%	67%	66%	68%	64%	64%	64%	64%	85%	97%	93%	96%	86%	90%	0%	-
Cumulative by engine																
Engine operating run hours in the month																
Max Cumulative Available, hours	24	49	73	97	121	145	169	193	217	241	265	289	313	337	361	-
Engine 1	24	49	73	97	121	145	169	192	200	200	201	201	207	223	223	-
Engine 2	24	49	73	97	121	145	169	193	215	239	263	287	302	321	321	-
Engine 3	24	49	73	97	121	145	169	193	216	240	264	288	305	327	341	-
Engine 4	24	49	73	97	121	145	169	193	215	239	263	287	302	321	321	-
Engine operating run hours total from 0 hours																
Engine 1	72,517	72,541	72,590	72,614	72,638	72,662	72,686	72,709	72,717	72,717	72,718	72,718	72,724	72,740	72,740	-
Engine 2	67,779	67,803	67,852	67,876	67,900	67,924	67,948	67,972	67,994	68,018	68,042	68,066	68,081	68,100	68,100	-
Engine 3	70,261	70,285	70,334	70,358	70,382	70,406	70,430	70,454	70,477	70,501	70,525	70,549	70,566	70,588	70,602	-
Engine 4	68,128	68,152	68,201	68,225	68,249	68,273	68,297	68,321	68,343	68,367	68,391	68,415	68,430	68,449	68,449	-
Cumulative availability, % November 1, 2014 @ 00:00 hours																
Engine 1	100%	100%	100%	100%	100%	100%	100%	99%	92%	83%	76%	70%	66%	66%	62%	-
Engine 2	100%	100%	100%	100%	100%	100%	100%	99%	99%	99%	99%	99%	96%	95%	89%	-
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	97%	97%	94%	-
Engine 4	100%	100%	100%	100%	100%	100%	100%	100%	99%	99%	99%	99%	96%	95%	89%	-
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	548	1,096	1,671	2,308	2,999	3,719	4,431	5,077	5,624	6,254	6,884	7,514	8,144	8,774	9,404	-
Engine 2	789	1,561	2,288	2,987	3,688	4,411	5,135	5,859	6,583	7,307	8,031	8,755	9,479	10,203	10,927	-
Engine 3	698	1,397	2,064	2,713	3,395	4,118	4,826	5,565	6,347	7,169	7,983	8,814	9,645	10,476	11,307	-
Engine 4	549	1,097	1,646	2,208	2,732	3,262	3,792	4,321	4,850	5,479	6,109	6,739	7,369	7,999	8,629	-
Cumulative capacity factor, %																
Engine 1	66%	66%	68%	70%	73%	75%	77%	77%	76%	68%	62%	57%	59%	58%	54%	-
Engine 2	95%	95%	92%	91%	89%	89%	89%	89%	90%	91%	92%	92%	93%	93%	87%	-
Engine 3	85%	85%	83%	82%	82%	83%	84%	84%	85%	87%	88%	89%	89%	89%	87%	-
Engine 4	67%	67%	67%	67%	66%	66%	66%	65%	68%	71%	73%	75%	76%	77%	71%	-

		Saturday 11/1/2014	Sunday 11/2/2014	Monday 11/3/2014	Tuesday 11/4/2014	Wednesday 11/5/2014	Thursday 11/6/2014	Friday 11/7/2014	Saturday 11/8/2014	Sunday 11/9/2014	Monday 11/10/2014	Tuesday 11/11/2014	Wednesday 11/12/2014	Thursday 11/13/2014	Friday 11/14/2014	Saturday 11/15/2014
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	196	292	388	484	580	676	771	846	918	991	1,063	1,116	1,192	1,206	
Cumulative Availability, %	100.0%	102.1%	101.4%	101.0%	100.8%	100.7%	100.6%	100.4%	97.9%	95.6%	93.8%	92.3%	89.4%	88.7%	83.8%	
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	62,024	126,220	186,714	247,874	310,226	374,953	439,141	502,711	557,926	616,581	673,946	732,875	773,073	825,162	830,804	
Cumulative Capacity Factor	78.3%	79.7%	78.6%	78.2%	78.3%	78.9%	79.2%	79.3%	78.3%	77.9%	77.4%	77.1%	75.1%	74.4%	69.9%	
Cumulative fuel input, MMBtu HHV	780	1,580	2,339	3,110	3,894	4,689	5,475	6,254	6,955	7,646	8,328	9,001	9,482	10,157	10,235	
Cumulative gross output, kWhr	62,024	126,220	186,714	247,874	310,226	374,953	439,141	502,711	557,926	616,581	673,946	732,875	773,073	825,162	830,804	
Heat Rate																
Daily heat rate, Btu/kWe gross LHV	11,321	11,213	11,305	11,338	11,320	11,057	11,026	11,026	11,437	10,597	10,705	10,284	10,771	11,667	12,529	
Daily heat rate, Btu/kWe gross HHV	12,576	12,456	12,558	12,595	12,575	12,282	12,248	12,248	12,705	11,772	11,892	11,424	11,965	12,960	13,918	
Cumulative heat rate, Btu/kWe gross LHV	11,321	11,266	11,278	11,293	11,299	11,257	11,223	11,198	11,222	11,162	11,123	11,056	11,041	11,081	11,090	
Cumulative heat rate, Btu/kWe gross HHV	12,576	12,515	12,529	12,545	12,551	12,505	12,467	12,440	12,466	12,400	12,357	12,282	12,265	12,309	12,320	
Cumulative by Facility starting Calendar Year																
Max cumulative available engine run hours	25,536	25,632	25,728	25,824	25,920	26,016	26,112	26,208	26,304	26,400	26,496	26,592	26,688	26,784	26,880	
Actual cumulative engine run hours	20,901	21,001	21,097	21,193	21,289	21,385	21,481	21,576	21,651	21,723	21,796	21,868	21,921	21,997	22,011	
Cumulative Availability, %	81.8%	81.9%	82.0%	82.1%	82.1%	82.2%	82.3%	82.3%	82.3%	82.3%	82.3%	82.2%	82.1%	82.1%	81.9%	
Max cumulative gross output, kWhr	21,067,200	21,146,400	21,225,600	21,304,800	21,384,000	21,463,200	21,542,400	21,621,600	21,700,800	21,780,000	21,859,200	21,938,400	22,017,600	22,096,800	22,176,000	
Actual cumulative gross output, kWhr	15,886,334	15,950,530	16,011,024	16,072,184	16,134,536	16,199,263	16,263,451	16,327,021	16,382,236	16,440,891	16,498,256	16,557,185	16,597,383	16,649,472	16,655,114	
Cumulative Capacity Factor	75.4%	75.4%	75.4%	75.4%	75.5%	75.5%	75.5%	75.5%	75.5%	75.5%	75.5%	75.5%	75.4%	75.3%	75.1%	
Cumulative fuel input, MMBtu HHV	196,694	197,494	198,253	199,024	199,808	200,603	201,389	202,168	202,869	203,560	204,242	204,915	205,396	206,071	206,150	
Cumulative gross output, kWhr	15,886,334	15,950,530	16,011,024	16,072,184	16,134,536	16,199,263	16,263,451	16,327,021	16,382,236	16,440,891	16,498,256	16,557,185	16,597,383	16,649,472	16,655,114	
Cumulative heat rate, Btu/kWe gross LHV	11,146	11,146	11,147	11,147	11,148	11,148	11,147	11,147	11,148	11,146	11,144	11,141	11,140	11,142	11,142	
Cumulative heat rate, Btu/kWe gross HHV	12,381	12,382	12,382	12,383	12,384	12,383	12,383	12,382	12,383	12,381	12,380	12,376	12,375	12,377	12,378	
Service																
Engine 1									Facility shutdown				NStar outage planned			E-1 Significant Overhaul
Engine 2														Facility shutdown		Facility shutdown
Engine 3																
Engine 4									Damage to E-1 piston Loss of radiator fluid.							All engines - overhaul LFG Blower on full.
Oil - oil and filter change																
Service - plugs, air filter, valve inspection and adjustment																
Precipitation																
NSTAR Power Reports		Saturday 11/1/2014	Sunday 11/2/2014	Monday 11/3/2014	Tuesday 11/4/2014	Wednesday 11/5/2014	Thursday 11/6/2014	Friday 11/7/2014	Saturday 11/8/2014	Sunday 11/9/2014	Monday 11/10/2014	Tuesday 11/11/2014	Wednesday 11/12/2014	Thursday 11/13/2014	Friday 11/14/2014	Saturday 11/15/2014
Hour																
1	2,552	2,491	2,489	2,419	2,517	2,619	2,609	2,515	2,632	2,360	2,371	2,385	2,382	2,790	346	
2	2,551	2,490	2,488	2,419	2,516	2,620	2,609	2,513	2,630	2,361	2,375	2,386	2,382	2,772	354	
3	2,552	2,491	2,490	2,419	2,516	2,619	2,609	2,511	2,631	2,359	2,374	2,384	2,381	2,728	357	
4	2,551	2,490	2,488	2,421	2,517	2,619	2,609	2,512	2,631	2,359	2,373	2,383	2,379	2,728	361	
5	2,551	2,491	2,488	2,419	2,517	2,620	2,609	2,513	2,633	2,360	2,372	2,383	2,379	2,720	360	
6	2,551	2,490	2,488	2,420	2,516	2,619	2,610	2,511	2,623	2,358	2,374	2,385	2,379	2,306	361	
7	2,549	2,491	2,489	2,420	2,517	2,620	2,609	2,511	2,582	2,360	2,374	2,384	2,380	2,284	361	
8	2,494	2,490	2,490	2,421	2,517	2,611	2,609	2,513	824	2,361	2,375	2,385	2,381	2,294	362	
9	2,495	2,492	2,490	2,416	1,879	2,604	2,606	2,518	140	2,366	2,372	2,382	2,375	2,381	366	
10	2,495	2,491	2,401	2,415	1,669	2,603	2,602	2,531	1,085	2,370	2,370	2,382	684	2,749	358	
11	2,496	2,491	2,364	2,414	2,421	2,604	2,603	2,617	2,239	2,370	2,368	2,379	-	2,741	313	
12	2,496	2,491	2,424	2,451	2,629	2,601	2,604	2,264	2,366	2,368	2,365	2,380	-	2,243	310	
13	2,496	2,492	2,414	2,464	2,681	2,604	2,613	2,494	2,369	2,364	2,364	2,378	-	2,791	308	
14	2,495	2,492	2,415	2,505	2,681	2,603	2,613	2,641	2,369	2,368	2,364	2,375	-	2,781	94	
15	2,494	2,492	2,415	2,511	2,680	2,604	2,612	2,638	2,368	2,370	2,108	2,373	-	2,763	238	
16	2,494	2,492	2,416	2,511	2,682	2,604	2,609	2,636	2,369	2,369	1,752	2,377	-	2,442	-	
17	2,493	2,491	2,420	2,555	2,650	2,606	2,586	2,636	2,368	2,370	1,820	2,377	-	2,652	-	
18	2,492	2,492	2,422	2,554	2,612	2,610	2,564	2,634	2,364	2,373	2,381	2,387	323	2,723	-	
19	2,491	2,492	2,420	2,514	2,617	2,611	2,564	2,631	2,362	2,376	2,386	2,388	2,145	2,615	-	
20	2,491	2,490	2,420	2,514	2,620	2,609	2,563	2,632	2,363	2,377	2,387	2,388	2,886	282	-	
21	2,490	2,490	2,420	2,514	2,620	2,610	2,523	2,632	2,363	2,374	2,386	2,385	2,884	-	-	
22	2,491	2,490	2,420	2,515	2,621	2,611	2,514	2,631	2,361	2,376	2,385	2,386	2,865	64	-	
23	2,490	2,489	2,420	2,517	2,620	2,609	2,514	2,630	2,360	2,373	2,385	2,383	2,866	406	-	
24	2,491	2,488	2,420	2,517	2,619	2,610	2,512	2,631	2,361	2,372	2,384	2,381	2,828	407	-	
TOTAL	60,241	62,266	58,611	59,245	60,434	62,650	62,075	61,495	53,393	56,814	55,565	57,176	38,899	50,662	4,849	
Cumulative Output Sold, kWhr	60,241	122,507	181,118	240,363	300,797	363,447	425,522	487,017	540,410	597,224	652,789	709,965	748,864	799,526	804,375	
Transformer and line efficiency	99.8%	99.8%	99.8%	99.7%	99.7%	99.8%	99.8%	99.8%	99.8%	99.8%	99.7%	99.8%	99.6%	100.0%	100.9%	
Hourly average	2,510	2,594	2,442	2,469	2,518	2,610	2,586	2,562	2,225	2,367	2,315	2,382	1,621	2,111	202	

NOVEMBER 2014																
CNBE Daily Reports Summary Data																
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	TOTAL
	11/16/2014	11/17/2014	11/18/2014	11/19/2014	11/20/2014	11/21/2014	11/22/2014	11/23/2014	11/24/2014	11/25/2014	11/26/2014	11/27/2014	11/28/2014	11/29/2014	11/30/2014	
LFG and Biogas Flow to the Engine	180	577	1,306	1,311	1,305	1,369	1,284	1,139	1,215	1,290	1,287	1,358	1,386	1,410	1,411	36,688
LFG and Biogas Flow to the Engine	98	323	728	725	731	741	702	624	661	687	690	722	720	717	725	19,827
LFG and Biogas Flow to the Flare (t)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and Biogas Flow to the Flare (M)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and Biogas Total Flow (KSCF)	180	577	1,306	1,311	1,305	1,369	1,284	1,139	1,215	1,290	1,287	1,358	1,386	1,410	1,411	36,688
LFG and Biogas Total Flow (MMBTU)	98	323	728	725	731	741	702	624	661	687	690	722	720	717	725	19,827
Average Methane Content (%)	54.0	55.3	55.1	54.6	55.3	53.5	54.0	54.2	53.7	52.6	53.0	52.5	51.3	50.2	50.7	53.4
Engine 1 Hours	-	-	-	-	-	7	-	-	15	16	-	-	-	-	-	261
Engine 2 Hours	-	12	24	24	24	24	24	24	24	18	24	24	24	24	24	639
Engine 3 Hours	-	13	24	24	24	24	24	23	24	24	24	24	24	24	24	665
Engine 4 Hours	-	10	24	24	24	24	22	10	9	24	24	24	24	24	24	612
Generator 1 Power Output (kWhr)	-	-	-	-	-	2,208	-	-	7,654	8,228	-	-	-	-	-	155,304
Generator 2 Power Output (kWhr)	-	8,724	19,730	19,732	19,730	19,566	19,732	19,732	19,184	12,858	19,154	19,978	19,978	19,980	19,976	504,090
Generator 3 Power Output (kWhr)	-	8,658	19,730	19,736	19,736	19,534	19,738	19,298	18,868	18,784	18,184	19,964	19,966	19,968	19,966	508,270
Generator 4 Power Output (kWhr)	-	6,802	19,692	19,368	19,504	19,502	17,898	6,524	4,742	17,510	19,114	19,950	19,946	19,950	19,952	431,698
Gross Power Output (kWhr)	554	24,629	59,030	58,766	58,910	60,765	57,311	45,476	50,416	57,365	56,380	59,829	59,828	59,830	59,832	1,599,725
Net Power Output (kWhr)	-	23,512	57,736	57,400	57,576	59,080	55,536	43,824	48,744	55,704	54,768	58,152	58,112	58,104	58,256	1,552,688
Power Sold as metered by NStar, (kWhr)	-	23,357	57,589	57,323	57,457	58,968	55,420	43,784	48,601	55,542	54,648	58,034	58,013	58,010	58,106	1,549,227
Offgrid RECs (kWhr)	554	1,120	1,294	1,366	1,336	1,686	1,775	1,651	1,672	1,661	1,612	1,677	1,716	1,726	1,576	47,037
Calculated Performance Results																
Daily																
Power output (kW average whe)	-	-	-	-	-	315	-	-	510	514	-	-	-	-	-	-
Generator 1	-	727	822	822	822	815	822	822	799	714	798	832	832	833	832	-
Generator 2	-	666	822	822	822	814	822	839	786	783	758	832	832	832	832	-
Generator 3	-	680	821	807	813	813	814	652	527	730	796	831	831	831	831	-
Power output (kW average over)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Facility Gross	23	1,026	2,460	2,449	2,455	2,532	2,388	1,895	2,101	2,390	2,349	2,493	2,493	2,493	2,493	-
Facility Net	-	980	2,406	2,392	2,399	2,462	2,314	1,826	2,031	2,321	2,282	2,423	2,421	2,421	2,427	-
In-plant load	23	47	54	57	56	70	74	69	70	69	67	70	72	72	66	-
Daily availability factor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Facility	0%	36%	75%	75%	75%	82%	73%	59%	75%	85%	75%	75%	75%	75%	75%	-
Engine 1	0%	0%	0%	0%	0%	29%	0%	0%	63%	67%	0%	0%	0%	0%	0%	-
Engine 2	0%	50%	100%	100%	100%	100%	100%	100%	100%	75%	100%	100%	100%	100%	100%	-
Engine 3	0%	54%	100%	100%	100%	100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	-
Engine 4	0%	42%	100%	100%	100%	100%	92%	42%	38%	100%	100%	100%	100%	100%	100%	-
Daily capacity factor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Facility	1%	31%	75%	74%	74%	77%	72%	57%	64%	72%	71%	76%	76%	76%	76%	-
Engine 1	0%	0%	0%	0%	0%	38%	0%	0%	62%	62%	0%	0%	0%	0%	0%	-
Engine 2	0%	88%	100%	100%	100%	99%	100%	100%	97%	87%	97%	101%	101%	101%	101%	-
Engine 3	0%	81%	100%	100%	100%	99%	100%	102%	95%	95%	92%	101%	101%	101%	101%	-
Engine 4	0%	82%	99%	98%	99%	98%	99%	79%	64%	88%	97%	101%	101%	101%	101%	-
Cumulative by engine																
Engine operating run hours in t	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Max Cumulative Available, t	385	409	433	457	481	505	529	553	577	601	625	649	673	697	721	-
Engine 1	223	223	223	223	223	230	230	230	245	261	261	261	261	261	261	-
Engine 2	321	333	357	381	405	429	453	477	501	519	543	567	591	615	639	-
Engine 3	341	354	378	402	426	450	474	497	521	545	569	593	617	641	665	-
Engine 4	321	331	355	379	403	427	449	459	468	492	516	540	564	588	612	-
Engine operating run hours tota	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engine 1	72,740	72,740	72,740	72,740	72,740	72,747	72,747	72,747	72,762	72,778	72,778	72,778	72,778	72,778	72,778	-
Engine 2	68,100	68,112	68,136	68,160	68,184	68,208	68,232	68,256	68,280	68,298	68,322	68,346	68,370	68,394	68,418	-
Engine 3	70,602	70,615	70,639	70,663	70,687	70,711	70,735	70,758	70,782	70,806	70,830	70,854	70,878	70,902	70,926	-
Engine 4	68,449	68,459	68,483	68,507	68,531	68,555	68,577	68,587	68,596	68,620	68,644	68,668	68,692	68,716	68,740	-
Cumulative availability, %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engine 1	58%	55%	52%	49%	46%	46%	43%	42%	42%	43%	42%	40%	39%	37%	36%	-
Engine 2	83%	81%	82%	83%	84%	85%	86%	87%	87%	86%	87%	88%	88%	88%	89%	-
Engine 3	89%	87%	87%	88%	89%	89%	90%	90%	90%	91%	91%	91%	92%	92%	92%	-
Engine 4	83%	81%	82%	83%	84%	85%	85%	83%	81%	82%	83%	83%	84%	84%	85%	-
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	-
Engine 1	6,736	6,736	6,736	6,736	6,736	7,052	7,052	7,052	7,562	8,076	8,076	8,076	8,076	8,076	8,076	-
Engine 2	10,762	11,489	12,311	13,133	13,955	14,770	15,592	16,414	17,214	17,928	18,726	19,559	20,391	21,224	22,056	-
Engine 3	10,707	11,373	12,195	13,017	13,840	14,654	15,476	16,315	17,101	17,884	18,642	19,474	20,305	21,137	21,969	-
Engine 4	8,843	9,523	10,344	11,151	11,963	12,776	13,590	14,242	14,769	15,498	16,295	17,126	17,957	18,788	19,620	-
Cumulative capacity factor, %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engine 1	51%	48%	45%	43%	41%	41%	39%	37%	38%	39%	38%	36%	35%	34%	33%	-
Engine 2	82%	82%	83%	84%	85%	85%	86%	87%	87%	87%	87%	88%	88%	88%	89%	-
Engine 3	81%	81%	82%	83%	84%	85%	85%	86%	86%	87%	87%	87%	88%	88%	89%	-
Engine 4	67%	68%	70%	71%	73%	74%	75%	75%	75%	75%	76%	77%	78%	79%	79%	-

		Sunday 11/16/2014	Monday 11/17/2014	Tuesday 11/18/2014	Wednesday 11/19/2014	Thursday 11/20/2014	Friday 11/21/2014	Saturday 11/22/2014	Sunday 11/23/2014	Monday 11/24/2014	Tuesday 11/25/2014	Wednesday 11/26/2014	Thursday 11/27/2014	Friday 11/28/2014	Saturday 11/29/2014	Sunday 11/30/2014	TOTAL
Cumulative by Facility in month																	
Max cumulative available engine run hours		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	
Actual cumulative engine run hours		1,206	1,241	1,313	1,385	1,457	1,536	1,606	1,663	1,735	1,817	1,889	1,961	2,033	2,105	2,177	
Cumulative Availability, %		78.5%	76.0%	76.0%	75.9%	75.9%	76.2%	76.0%	75.3%	75.3%	75.7%	75.7%	75.7%	75.6%	75.6%	75.6%	
Max cumulative gross output, kWh		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	
Actual cumulative gross output, kWh		831,358	855,987	915,017	973,783	1,032,693	1,093,458	1,150,769	1,196,245	1,246,661	1,304,026	1,360,406	1,420,235	1,480,063	1,539,893	1,599,725	
Cumulative Capacity Factor		65.6%	63.6%	64.2%	64.7%	65.2%	65.7%	66.0%	65.7%	65.6%	65.9%	66.1%	66.4%	66.7%	67.0%	67.3%	
Cumulative fuel input, MMBtu/Hr		10,334	10,657	11,385	12,109	12,840	13,581	14,283	14,907	15,568	16,255	16,944	17,666	18,386	19,103	19,827	
Cumulative gross output, kWh		831,358	855,987	915,017	973,783	1,032,693	1,093,458	1,150,769	1,196,245	1,246,661	1,304,026	1,360,406	1,420,235	1,480,063	1,539,893	1,599,725	
Heat Rate																	
Daily heat rate, Btu/kWe gross		-	11,803	11,100	11,100	11,163	10,982	11,026	12,356	11,797	10,779	11,009	10,857	10,826	10,788	10,900	
Daily heat rate, Btu/kWe gross		-	13,111	12,331	12,330	12,400	12,199	12,249	13,726	13,105	11,974	12,230	12,061	12,026	11,984	12,109	
Cumulative heat rate, Btu/kWe gross		11,190	11,207	11,200	11,194	11,192	11,181	11,173	11,218	11,241	11,221	11,212	11,197	11,182	11,167	11,157	
Cumulative heat rate, Btu/kWe gross		12,430	12,450	12,442	12,435	12,433	12,420	12,412	12,462	12,488	12,465	12,455	12,439	12,422	12,405	12,394	
Cumulative by Facility starting Calendar Year																	
Max cumulative available engine run hours		26,976	27,072	27,168	27,264	27,360	27,456	27,552	27,648	27,744	27,840	27,936	28,032	28,128	28,224	28,320	
Actual cumulative engine run hours		22,011	22,046	22,118	22,190	22,262	22,341	22,411	22,468	22,540	22,622	22,694	22,766	22,838	22,910	22,982	
Cumulative Availability, %		81.6%	81.4%	81.4%	81.4%	81.4%	81.4%	81.3%	81.3%	81.2%	81.3%	81.2%	81.2%	81.2%	81.2%	81.2%	
Max cumulative gross output, kWh		22,255,200	22,334,400	22,413,600	22,492,800	22,572,000	22,651,200	22,730,400	22,809,600	22,888,800	22,968,000	23,047,200	23,126,400	23,205,600	23,284,800	23,364,000	
Actual cumulative gross output, kWh		16,655,668	16,680,297	16,739,327	16,798,093	16,857,003	16,917,768	16,975,079	17,020,555	17,070,971	17,128,336	17,184,716	17,244,545	17,304,373	17,364,203	17,424,035	
Cumulative Capacity Factor		74.8%	74.7%	74.7%	74.7%	74.7%	74.7%	74.7%	74.6%	74.6%	74.6%	74.6%	74.6%	74.6%	74.6%	74.6%	
Cumulative fuel input, MMBtu/Hr		206,248	206,571	207,299	208,023	208,754	209,495	210,197	210,821	211,482	212,169	212,859	213,580	214,300	215,017	215,741	
Cumulative gross output, kWh		16,655,668	16,680,297	16,739,327	16,798,093	16,857,003	16,917,768	16,975,079	17,020,555	17,070,971	17,128,336	17,184,716	17,244,545	17,304,373	17,364,203	17,424,035	
Cumulative heat rate, Btu/kWe gross		11,147	11,148	11,148	11,148	11,148	11,147	11,147	11,150	11,152	11,151	11,150	11,149	11,148	11,147	11,146	
Cumulative heat rate, Btu/kWe gross		12,383	12,384	12,384	12,384	12,384	12,383	12,383	12,386	12,388	12,387	12,387	12,385	12,384	12,383	12,382	
Service																	
Engine 1	heat Damage																
Engine 2	Facility shutdown																
Engine 3	at damage																
Engine 4	Radiators off with SCADA signal loss.																
Oil - oil and filter change																	
Service - plugs, air filter, valve inspection																	
Precipitation																	
NSTAR Power Reports		Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	TOTAL
Date		11/16/2014	11/17/2014	11/18/2014	11/19/2014	11/20/2014	11/21/2014	11/22/2014	11/23/2014	11/24/2014	11/25/2014	11/26/2014	11/27/2014	11/28/2014	11/29/2014	11/30/2014	
Hour																	
1		-	-	2,410	2,402	2,385	2,400	2,387	2,377	1,567	2,419	2,418	2,416	2,418	2,412	2,417	
2		-	-	2,409	2,400	2,386	2,401	2,382	2,272	1,570	2,378	2,420	2,416	2,415	2,413	2,419	
3		-	-	2,406	2,401	2,385	2,400	2,383	1,576	1,569	2,370	2,416	2,415	2,417	2,413	2,418	
4		-	-	2,407	2,401	2,384	2,400	2,385	1,592	1,573	2,370	2,417	2,418	2,413	2,414	2,420	
5		-	-	2,406	2,400	2,385	2,398	2,385	1,775	1,573	2,371	2,416	2,418	2,415	2,416	2,415	
6		-	-	2,406	2,399	2,385	2,397	2,391	2,375	1,577	2,370	2,418	2,419	2,417	2,414	2,417	
7		-	-	2,405	2,396	2,384	2,398	2,389	2,380	1,576	2,371	2,416	2,418	2,415	2,416	2,422	
8		-	-	2,406	2,400	2,385	2,399	2,391	2,378	1,578	2,367	2,416	2,420	2,419	2,417	2,421	
9		-	-	2,400	2,402	2,393	2,390	2,387	2,384	1,575	2,214	2,402	2,420	2,414	2,418	2,424	
10		-	-	2,392	2,403	2,399	2,026	2,256	2,383	2,011	2,110	2,318	2,419	2,414	2,420	2,423	
11		-	-	2,390	2,397	2,397	2,782	1,580	1,784	2,120	2,116	2,417	2,423	2,418	2,419	2,424	
12		-	-	2,389	2,402	2,400	2,787	1,673	1,604	2,116	2,118	2,415	2,422	2,422	2,424	2,425	
13		-	615	2,388	2,404	2,397	2,786	2,261	1,581	2,114	2,122	2,420	2,420	2,422	2,422	2,424	
14		-	1,359	2,388	2,406	2,403	2,780	2,381	1,590	1,981	2,128	1,779	2,421	2,423	2,422	2,425	
15		-	1,381	2,388	2,402	2,406	2,766	2,386	1,588	2,397	2,124	2,369	2,419	2,422	2,420	2,423	
16		-	1,575	2,396	2,402	2,399	2,395	2,380	1,582	2,107	2,260	2,407	2,421	2,421	2,419	2,425	
17		-	1,554	2,399	2,400	2,398	2,381	2,382	1,574	2,455	2,409	577	2,416	2,419	2,418	2,422	
18		-	2,407	2,399	2,209	2,398	2,380	2,377	1,570	2,517	2,420	1,929	2,419	2,418	2,415	2,421	
19		-	2,412	2,402	2,377	2,398	2,380	2,377	1,574	2,477	2,418	2,164	2,417	2,416	2,417	2,421	
20		-	2,412	2,403	2,380	2,402	2,384	2,377	1,568	2,466	2,416	2,424	2,414	2,414	2,416	2,422	
21		-	2,411	2,401	2,383	2,398	2,384	2,378	1,574	2,428	2,416	2,427	2,414	2,413	2,416	2,422	
22		-	2,411	2,401	2,385	2,397	2,384	2,378	1,568	2,418	2,419	2,422	2,414	2,416	2,413	2,418	
23		-	2,410	2,398	2,387	2,396	2,387	2,377	1,570	2,416	2,419	2,423	2,419	2,416	2,415	2,418	
24		-	2,410	2,400	2,385	2,397	2,383	2,377	1,565	2,420	2,417	2,418	2,416	2,416	2,421	2,420	
TOTAL			23,357	57,589	57,323	57,457	58,968	55,420	43,784	48,601	55,542	54,648	58,034	58,013	58,010	58,106	
Cumulative Output Sold, kW		804,375	827,732	885,321	942,644	1,000,101	1,059,069	1,114,489	1,158,273	1,206,874	1,262,416	1,317,064	1,375,098	1,433,111	1,491,121	1,549,227	
Transformer and line efficiency	#DIV/0!		99.3%	99.7%	99.9%	99.8%	99.8%	99.8%	99.9%	99.7%	99.7%	99.8%	99.8%	99.8%	99.8%	99.7%	0.0%
Hourly average		-	973	2,400	2,388	2,394	2,457	2,309	1,824	2,025	2,314	2,277	2,418	2,417	2,417	2,421	2,152

DECEMBER 2014																		
CNBE Daily Reports Summary Data																		
		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday
		12/1/2014	12/2/2014	12/3/2014	12/4/2014	12/5/2014	12/6/2014	12/7/2014	12/8/2014	12/9/2014	12/10/2014	12/11/2014	12/12/2014	12/13/2014	12/14/2014	12/15/2014	12/16/2014	12/17/2014
LFG and Biogas Flow to the Engines (KSCF)		1,391	1,489	1,448	1,521	1,390	1,350	1,346	1,402	1,456	1,497	1,509	1,511	1,534	1,525	1,514	1,539	1,555
LFG and Biogas Flow to the Engines (MMBTU HHV)		720	771	774	787	736	737	730	750	797	818	809	806	820	811	794	809	832
LFG and Biogas Flow to the Flare (KSCF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and Biogas Flow to the Flare (MMBTU HHV)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and Biogas Total Flow (KSCF)		1,391	1,489	1,448	1,521	1,390	1,350	1,346	1,402	1,456	1,497	1,509	1,511	1,534	1,525	1,514	1,539	1,555
LFG and Biogas Total Flow (MMBTU HHV)		720	771	774	787	736	737	730	750	797	818	809	806	820	811	794	809	832
Average Methane Content (%)		51.2	51.1	52.8	51.2	52.3	53.9	53.6	52.8	54.1	54.0	53.0	52.7	52.8	52.6	51.8	52.0	52.8
Engine 1 Hours		14	24	23	24	3	-	-	15	24	24	24	24	24	24	24	24	24
Engine 2 Hours		23	24	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	24	24	24	24	24
Engine 4 Hours		24	24	24	24	24	24	24	24	24	24	24	23	24	24	24	24	24
Generator 1 Power Output (kW/hr)		5,546	12,000	11,828	11,998	946	-	-	4,524	7,754	7,498	7,308	7,308	7,310	7,310	6,698	7,914	10,440
Generator 2 Power Output (kW/hr)		17,686	16,782	17,322	16,928	19,594	19,978	19,982	19,616	19,576	19,766	19,972	19,974	19,780	18,536	18,994	18,632	18,934
Generator 3 Power Output (kW/hr)		18,276	16,242	17,418	16,724	19,578	19,970	19,968	19,616	19,484	19,484	18,882	18,948	18,552	18,552	18,740	18,718	18,498
Generator 4 Power Output (kW/hr)		18,592	17,398	17,646	17,168	19,592	19,944	19,946	19,592	19,294	18,900	18,708	17,460	18,514	18,514	18,646	18,612	18,290
Gross Power Output (kW/hr)		60,069	62,438	64,207	62,839	59,650	59,837	59,838	63,298	66,069	65,609	64,834	63,656	64,145	62,901	63,054	63,843	66,135
Net Power Output (kW/hr)		58,432	60,768	62,672	61,240	58,128	58,488	58,408	61,696	64,432	63,856	63,040	61,928	62,336	61,104	61,128	61,984	64,368
Power Sold as metered by NStar, (kW/hr)		58,282	60,651	62,540	61,136	58,018	58,332	58,293	61,597	64,298	63,736	62,945	61,826	62,212	60,996	61,018	61,872	64,228
Offgrid RECs (kW/hr)		1,637	1,670	1,535	1,599	1,521	1,350	1,430	1,602	1,637	1,753	1,795	1,728	1,809	1,797	1,927	1,857	1,767
Calculated Performance Results																		
Daily																		
Power output (kW average when running)																		
Generator 1		396	500	514	500	315	-	-	302	323	312	305	305	305	305	279	330	435
Generator 2		769	699	722	705	816	832	833	817	816	824	832	832	824	772	791	776	789
Generator 3		762	677	726	697	816	832	832	817	812	812	787	790	773	773	781	780	771
Generator 4		775	725	735	715	816	831	831	816	804	788	780	759	771	771	777	776	762
Power output (kW average over 24-hrs)																		
Facility Gross		2,503	2,602	2,675	2,618	2,485	2,493	2,493	2,637	2,753	2,734	2,701	2,652	2,673	2,621	2,627	2,660	2,756
Facility Net		2,435	2,532	2,611	2,552	2,422	2,437	2,434	2,571	2,685	2,661	2,627	2,580	2,597	2,546	2,547	2,583	2,682
In-plant load		68	70	64	67	63	56	60	67	68	73	75	72	75	75	80	77	74
Daily availability factor																		
Facility		89%	100%	99%	100%	78%	75%	75%	91%	100%	100%	100%	99%	100%	100%	100%	100%	100%
Engine 1		58%	100%	96%	100%	13%	0%	0%	63%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 2		96%	100%	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%	100%	100%	100%	100%	100%
Engine 4		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	100%	100%
Daily capacity factor																		
Facility		76%	79%	81%	79%	75%	76%	76%	80%	83%	83%	82%	80%	81%	79%	80%	81%	84%
Engine 1		48%	61%	62%	61%	38%	0%	0%	37%	39%	38%	37%	37%	37%	37%	34%	40%	53%
Engine 2		93%	85%	87%	85%	99%	101%	101%	99%	99%	100%	101%	101%	100%	94%	96%	94%	96%
Engine 3		92%	82%	88%	84%	99%	101%	101%	98%	98%	95%	95%	94%	94%	94%	95%	95%	93%
Engine 4		94%	88%	89%	87%	99%	101%	101%	99%	97%	95%	94%	92%	94%	94%	94%	94%	92%
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	384	408
Engine 1		14	38	61	85	88	88	88	103	127	151	175	199	223	247	271	295	319
Engine 2		23	47	71	95	119	143	167	191	215	239	263	287	311	335	359	383	407
Engine 3		24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408
Engine 4		24	48	72	96	120	144	168	192	216	240	264	287	311	335	359	383	407
Engine operating run hours total from 0 hours																		
Engine 1		72,778	72,792	72,816	72,839	72,863	72,866	72,866	72,881	72,905	72,929	72,953	72,977	73,001	73,025	73,049	73,073	73,097
Engine 2		68,449	68,472	68,496	68,520	68,544	68,568	68,592	68,616	68,640	68,664	68,688	68,712	68,736	68,760	68,784	68,808	68,832
Engine 3		70,928	70,952	70,976	71,000	71,024	71,048	71,072	71,096	71,120	71,144	71,168	71,192	71,216	71,240	71,264	71,288	71,312
Engine 4		68,768	68,792	68,816	68,840	68,864	68,888	68,912	68,936	68,960	68,984	69,008	69,032	69,056	69,080	69,104	69,128	69,152
Cumulative availability, %		December 1, 2014 @ 00:00 hours																
Engine 1		58%	79%	85%	89%	73%	61%	52%	54%	59%	63%	66%	69%	71%	74%	75%	77%	78%
Engine 2		96%	98%	99%	99%	99%	99%	99%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 3		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 4		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine cumulative gross output, kW/hr																		
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	13,200	14,025
Engine 1		396	896	1,410	1,910	2,226	2,226	2,226	2,527	2,850	3,163	3,467	3,772	4,076	4,381	4,686	4,990	5,425
Engine 2		769	1,468	2,190	2,895	3,712	4,544	5,377	6,194	7,010	7,833	8,665	9,498	10,322	11,094	11,886	12,662	13,451
Engine 3		762	1,438	2,164	2,861	3,677	4,509	5,341	6,158	6,970	7,782	8,598	9,408	10,218	11,028	11,838	12,648	13,458
Engine 4		775	1,500	2,235	2,950	3,767	4,598	5,429	6,245	7,049	7,865	8,681	9,497	10,313	11,129	11,945	12,761	13,577
Cumulative capacity factor, %																		
Engine 1		48%	54%	57%	58%	54%	45%	39%	38%	38%	38%	38%	38%	38%	38%	38%	38%	39%
Engine 2		93%	89%	88%	88%	90%	92%	93%	94%	94%	94%	94%	94%	94%	94%	94%	94%	96%
Engine 3		92%	87%	87%	87%	89%	91%	92%	93%	94%	94%	94%	95%	94%	94%	94%	94%	94%
Engine 4		94%	91%	90%	89%	91%	93%	94%	95%	95%	95%	95%	95%	95%	95%	95%	94%	94%

		Monday 12/1/2014	Tuesday 12/2/2014	Wednesday 12/3/2014	Thursday 12/4/2014	Friday 12/5/2014	Saturday 12/6/2014	Sunday 12/7/2014	Monday 12/8/2014	Tuesday 12/9/2014	Wednesday 12/10/2014	Thursday 12/11/2014	Friday 12/12/2014	Saturday 12/13/2014	Sunday 12/14/2014	Monday 12/15/2014	Tuesday 12/16/2014	Wednesday 12/17/2014
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	1,536	1,632
Actual cumulative engine run hours		85	181	276	372	447	519	591	678	774	870	966	1,061	1,157	1,253	1,349	1,445	1,541
Cumulative Availability, %		88.5%	94.3%	95.8%	96.9%	93.1%	90.1%	87.9%	88.3%	89.6%	90.6%	91.5%	92.1%	92.7%	93.2%	93.7%	94.1%	94.4%
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	1,267,200	1,346,400
Actual cumulative gross output, kWhr		60,069	122,507	186,714	249,553	309,203	369,040	428,878	492,176	558,245	623,854	688,688	752,344	816,489	879,390	942,444	1,006,287	1,072,422
Cumulative Capacity Factor		75.8%	77.3%	78.6%	78.8%	78.1%	77.7%	77.4%	77.7%	78.3%	78.8%	79.1%	79.2%	79.3%	79.3%	79.3%	79.4%	79.7%
Cumulative fuel input, MMBtu HHV		720	1,491	2,265	3,052	3,788	4,524	5,254	6,004	6,801	7,619	8,428	9,234	10,054	10,865	11,659	12,469	13,300
Cumulative gross output, kWhr		60,069	122,507	186,714	249,553	309,203	369,040	428,878	492,176	558,245	623,854	688,688	752,344	816,489	879,390	942,444	1,006,287	1,072,422
Heat Rate																		
Daily heat rate, Btu/kWe gross LHV		10,791	11,112	10,850	11,278	11,101	11,080	10,979	10,666	10,855	11,229	11,237	11,392	11,511	11,609	11,336	11,410	11,322
Daily heat rate, Btu/kWe gross HHV		11,988	12,343	12,053	12,529	12,332	12,308	12,196	11,849	12,059	12,474	12,483	12,656	12,787	12,896	12,592	12,675	12,577
Cumulative heat rate, Btu/kWe gross LHV		10,791	10,955	10,919	11,009	11,027	11,036	11,028	10,981	10,966	10,994	11,017	11,049	11,085	11,122	11,137	11,154	11,164
Cumulative heat rate, Btu/kWe gross HHV		11,988	12,169	12,129	12,230	12,250	12,259	12,250	12,199	12,182	12,213	12,238	12,274	12,314	12,355	12,371	12,391	12,402
Cumulative by Facility starting Calendar Year																		
Max cumulative available engine run hours		28,416	28,512	28,608	28,704	28,800	28,896	28,992	29,088	29,184	29,280	29,376	29,472	29,568	29,664	29,760	29,856	29,952
Actual cumulative engine run hours		23,067	23,163	23,258	23,354	23,429	23,501	23,573	23,660	23,756	23,852	23,948	24,043	24,139	24,235	24,331	24,427	24,523
Cumulative Availability, %		81.2%	81.2%	81.3%	81.4%	81.4%	81.3%	81.3%	81.3%	81.4%	81.5%	81.5%	81.6%	81.6%	81.7%	81.8%	81.8%	81.9%
Max cumulative gross output, kWhr		23,443,200	23,522,400	23,601,600	23,680,800	23,760,000	23,839,200	23,918,400	23,997,600	24,076,800	24,156,000	24,235,200	24,314,400	24,393,600	24,472,800	24,552,000	24,631,200	24,710,400
Actual cumulative gross output, kWhr		17,484,104	17,546,542	17,610,749	17,673,588	17,733,238	17,793,075	17,852,913	17,916,211	17,982,280	18,047,889	18,112,723	18,176,379	18,240,524	18,303,425	18,366,479	18,430,322	18,496,457
Cumulative Capacity Factor		74.6%	74.6%	74.6%	74.6%	74.6%	74.6%	74.6%	74.7%	74.7%	74.7%	74.7%	74.8%	74.8%	74.8%	74.8%	74.8%	74.9%
Cumulative fuel input, MMBtu HHV		216,461	217,232	218,006	218,793	219,529	220,265	220,995	221,745	222,542	223,360	224,169	224,975	225,795	226,606	227,400	228,210	229,041
Cumulative gross output, kWhr		17,484,104	17,546,542	17,610,749	17,673,588	17,733,238	17,793,075	17,852,913	17,916,211	17,982,280	18,047,889	18,112,723	18,176,379	18,240,524	18,303,425	18,366,479	18,430,322	18,496,457
Cumulative heat rate, Btu/kWe gross LHV		11,145	11,145	11,144	11,144	11,144	11,144	11,143	11,142	11,140	11,141	11,141	11,142	11,143	11,145	11,146	11,147	11,147
Cumulative heat rate, Btu/kWe gross HHV		12,380	12,380	12,379	12,380	12,380	12,379	12,379	12,377	12,376	12,376	12,376	12,377	12,379	12,381	12,381	12,382	12,383
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																		
Date		12/1/2014	12/2/2014	12/3/2014	12/4/2014	12/5/2014	12/6/2014	12/7/2014	12/8/2014	12/9/2014	12/10/2014	12/11/2014	12/12/2014	12/13/2014	12/14/2014	12/15/2014	12/16/2014	12/17/2014
Hour																		
1		2,420	2,521	2,579	2,553	2,527	2,428	2,429	2,426	2,625	2,655	2,660	2,606	2,600	2,539	2,537	2,547	2,620
2		2,421	2,517	2,582	2,554	2,495	2,431	2,430	2,428	2,624	2,653	2,662	2,606	2,600	2,540	2,539	2,547	2,653
3		2,421	2,518	2,577	2,552	2,185	2,429	2,428	2,426	2,626	2,652	2,661	2,605	2,598	2,539	2,538	2,545	2,666
4		2,423	2,516	2,581	2,552	2,423	2,428	2,429	2,426	2,625	2,654	2,660	2,606	2,598	2,539	2,539	2,545	2,666
5		2,420	2,512	2,579	2,552	2,417	2,430	2,429	2,428	2,625	2,642	2,661	2,604	2,599	2,540	2,540	2,546	2,666
6		2,421	2,470	2,583	2,554	2,421	2,431	2,430	2,431	2,625	2,596	2,639	2,605	2,599	2,540	2,540	2,545	2,666
7		2,421	2,470	2,580	2,553	2,424	2,429	2,428	2,429	2,624	2,595	2,604	2,606	2,597	2,539	2,540	2,546	2,666
8		2,423	2,472	2,579	2,554	2,421	2,431	2,429	2,428	2,624	2,595	2,604	2,608	2,597	2,541	2,540	2,546	2,669
9		2,362	2,468	2,491	2,547	2,421	2,431	2,431	2,424	2,625	2,475	2,600	2,604	2,600	2,542	2,539	2,523	2,733
10		1,036	2,474	2,120	2,530	2,316	2,433	2,433	2,666	2,657	2,691	2,593	2,599	2,603	2,544	2,538	2,086	2,709
11		2,418	2,475	2,815	2,497	2,419	2,431	2,430	2,719	2,660	2,660	2,590	2,606	2,602	2,544	2,537	2,665	2,704
12		2,605	2,521	2,764	2,537	2,422	2,431	2,431	2,719	2,693	2,658	2,592	2,605	2,601	2,546	2,542	2,665	2,700
13		2,614	2,521	2,757	2,546	2,427	2,432	2,431	2,711	2,695	2,660	2,594	2,602	2,605	2,548	2,534	2,665	2,700
14		2,613	2,522	2,692	2,558	2,425	2,433	2,431	2,662	2,695	2,717	2,617	1,906	2,606	2,548	2,478	2,651	2,700
15		2,253	2,524	2,688	2,573	2,425	2,433	2,430	2,662	2,718	2,718	2,656	2,291	2,604	2,547	2,599	2,647	2,704
16		2,633	2,543	2,647	2,568	2,425	2,431	2,428	2,617	2,767	2,716	2,657	2,718	2,603	2,544	2,576	2,650	2,658
17		2,563	2,566	2,619	2,572	2,425	2,430	2,428	2,617	2,766	2,714	2,650	2,701	2,599	2,542	2,560	2,618	2,658
18		2,542	2,573	2,646	2,577	2,427	2,431	2,429	2,623	2,768	2,715	2,602	2,654	2,598	2,541	2,538	2,620	2,668
19		2,562	2,577	2,648	2,571	2,429	2,429	2,426	2,625	2,767	2,667	2,607	2,652	2,598	2,539	2,540	2,619	2,670
20		2,574	2,576	2,610	2,527	2,428	2,431	2,425	2,624	2,729	2,661	2,608	2,645	2,596	2,539	2,540	2,619	2,670
21		2,569	2,579	2,603	2,526	2,428	2,430	2,427	2,623	2,714	2,662	2,607	2,599	2,590	2,539	2,545	2,619	2,672
22		2,526	2,580	2,605	2,530	2,430	2,432	2,429	2,624	2,712	2,660	2,607	2,599	2,541	2,540	2,546	2,619	2,671
23		2,522	2,577	2,603	2,527	2,429	2,429	2,426	2,622	2,678	2,660	2,607	2,599	2,540	2,539	2,546	2,620	2,669
24		2,520	2,579	2,592	2,526	2,429	2,428	2,426	2,623	2,656	2,660	2,607	2,600	2,538	2,537	2,547	2,619	2,670
TOTAL		58,282	60,651	62,540	61,136	58,018	58,332	58,293	61,597	64,298	63,736	62,945	61,826	62,212	60,996	61,018	61,872	64,228
Cumulative Output Sold, kWhr		58,282	118,933	181,473	242,609	300,627	358,959	417,252	478,849	543,147	606,883	669,828	731,654	793,866	854,862	915,880	977,752	1,041,980
Transformer and line efficiency		99.7%	99.8%	99.8%	99.8%	99.8%	99.7%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%
Hourly average		2,428	2,527	2,606	2,547	2,417	2,431	2,429	2,567	2,679	2,656	2,623	2,576	2,592	2,542	2,542	2,578	2,676

DECEMBER 2014																
CNBE Daily Reports Summary Data																
		Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	
		12/18/2014	12/19/2014	12/20/2014	12/21/2014	12/22/2014	12/23/2014	12/24/2014	12/25/2014	12/26/2014	12/27/2014	12/28/2014	12/29/2014	12/30/2014	12/31/2014	TOTAL
LFG and Biogas Flow to the Engine	1,511	1,462	1,554	1,558	1,575	1,503	1,369	1,361	1,359	1,387	1,382	1,408	1,410	1,410	1,453	45,267
LFG and Biogas Flow to the Engine	806	770	801	801	793	764	733	735	726	740	748	740	740	740	765	23,961
LFG and Biogas Flow to the Flare (t)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and BiogasFlow to the Flare (t)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and Biogas Total Flow (KSCF)	1,511	1,462	1,554	1,558	1,575	1,503	1,369	1,361	1,359	1,387	1,382	1,408	1,410	1,410	1,453	45,267
LFG and Biogas Total Flow (MMBTU)	806	770	801	801	793	764	733	735	726	740	748	740	740	740	765	23,961
Average Methane Content (%)	52.7	52.0	50.9	50.8	49.8	50.2	52.9	53.4	52.8	52.7	53.5	51.9	51.8	51.8	52.0	52.3
Engine 1 Hours	21	24	24	24	24	24	15	-	16	24	24	24	24	24	24	587
Engine 2 Hours	24	24	24	24	24	24	24	23	24	24	24	24	24	24	24	742
Engine 3 Hours	24	24	24	24	24	23	24	24	24	8	-	-	-	-	14	621
Engine 4 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	743
Generator 1 Power Output (kWhr)	11,548	15,254	14,352	14,350	15,438	9,950	-	-	12,024	19,854	19,854	19,854	19,858	19,858	17,514	306,232
Generator 2 Power Output (kWhr)	17,670	16,144	15,614	15,614	15,880	16,894	19,326	19,984	19,978	19,976	19,976	19,972	19,978	19,978	17,172	576,230
Generator 3 Power Output (kWhr)	17,914	15,752	15,584	15,584	14,992	17,056	19,970	19,974	6,520	-	-	-	-	-	7,942	468,938
Generator 4 Power Output (kWhr)	17,624	16,104	16,754	16,754	15,528	16,350	19,948	19,944	19,654	19,952	19,952	19,950	19,958	19,958	17,366	572,654
Gross Power Output (kWhr)	64,726	63,240	62,322	62,318	61,854	60,229	59,160	59,838	58,183	59,841	59,847	59,826	59,846	60,023	1,923,675	
Net Power Output (kWhr)	62,976	61,496	60,528	60,520	59,880	58,400	57,712	58,456	56,568	58,232	58,264	58,080	58,016	58,280	1,871,416	
Power Sold as metered by NStar, (kWhr)	62,897	61,365	60,419	60,420	59,753	58,260	57,560	58,292	56,435	58,083	58,100	57,953	57,916	58,167	1,867,600	
Offgrid RECs (kWhr)	1,752	1,743	1,795	1,796	1,977	1,826	1,447	1,382	1,615	1,609	1,583	1,746	1,830	1,743	52,258	
Calculated Performance Results																
Daily																
Power output (kW average whe																
Generator 1	550	636	598	598	643	663	-	-	752	827	827	827	827	827	730	
Generator 2	736	673	651	651	662	704	840	833	832	832	832	832	832	832	716	
Generator 3	746	656	649	649	652	711	832	832	815	-	-	-	-	-	567	
Generator 4	734	671	698	698	647	681	831	831	819	831	831	831	831	832	724	
Power output (kW average over																
Facility Gross	2,697	2,635	2,597	2,597	2,577	2,510	2,465	2,493	2,424	2,493	2,494	2,493	2,494	2,494	2,501	
Facility Net	2,624	2,562	2,522	2,522	2,495	2,433	2,405	2,436	2,357	2,426	2,428	2,420	2,417	2,417	2,428	
In-plant load	73	73	75	75	82	76	60	58	67	67	66	73	76	76	73	
Daily availability factor																
Facility	97%	100%	100%	100%	99%	91%	74%	75%	75%	75%	75%	75%	75%	75%	90%	
Engine 1	88%	100%	100%	100%	100%	63%	0%	0%	67%	100%	100%	100%	100%	100%	100%	
Engine 2	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 3	100%	100%	100%	100%	96%	100%	100%	100%	33%	0%	0%	0%	0%	0%	58%	
Engine 4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Daily capacity factor																
Facility	82%	80%	79%	79%	78%	76%	75%	76%	73%	76%	76%	76%	76%	76%	76%	
Engine 1	67%	77%	72%	72%	78%	80%	0%	0%	91%	100%	100%	100%	100%	100%	88%	
Engine 2	89%	82%	79%	79%	80%	85%	102%	101%	101%	101%	101%	101%	101%	101%	87%	
Engine 3	90%	80%	79%	79%	79%	86%	101%	101%	99%	0%	0%	0%	0%	0%	69%	
Engine 4	89%	81%	85%	85%	78%	83%	101%	101%	99%	101%	101%	101%	101%	101%	88%	
Cumulative by engine																
Engine operating run hours in th																
Max Cumulative Available, t	432	456	480	504	528	552	576	600	624	648	672	696	720	720	720	
Engine 1	340	364	388	412	436	451	451	451	467	491	515	539	563	563	563	
Engine 2	431	455	479	503	527	551	574	598	622	646	670	694	718	718	718	
Engine 3	432	456	480	504	527	551	575	599	607	607	607	607	607	607	621	
Engine 4	431	455	479	503	527	551	575	599	623	647	671	695	719	719	719	
Engine operating run hours tota																
Engine 1	73,118	73,142	73,166	73,190	73,214	73,229	73,229	73,229	73,245	73,269	73,293	73,317	73,341	73,341	73,341	
Engine 2	68,880	68,904	68,928	68,952	68,976	69,000	69,023	69,047	69,071	69,095	69,119	69,143	69,167	69,167	69,167	
Engine 3	71,360	71,384	71,408	71,432	71,455	71,479	71,503	71,527	71,535	71,535	71,535	71,535	71,535	71,535	71,549	
Engine 4	69,199	69,223	69,247	69,271	69,295	69,319	69,343	69,367	69,391	69,415	69,439	69,463	69,487	69,487	69,487	
Cumulative availability, %																
Engine 1	79%	80%	81%	82%	83%	82%	78%	75%	75%	76%	77%	77%	78%	78%	78%	
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%	97%	94%	90%	87%	84%	86%	86%	
Engine 4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine cumulative gross output																
Max cumulative capacity on	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	24,750	24,750	
Engine 1	5,975	6,610	7,208	7,806	8,449	9,113	9,113	9,113	9,864	10,691	11,519	12,346	13,173	13,173	13,076	
Engine 2	14,187	14,860	15,510	16,161	16,823	17,527	18,367	19,199	20,032	20,864	21,697	22,529	23,361	23,361	23,244	
Engine 3	13,982	14,638	15,288	15,937	16,589	17,299	18,131	18,964	19,779	19,779	19,779	19,779	19,779	19,779	20,346	
Engine 4	13,967	14,638	15,336	16,034	16,681	17,362	18,193	19,024	19,843	20,674	21,506	22,337	23,169	23,169	23,061	
Cumulative capacity factor, %																
Engine 1	40%	42%	44%	45%	47%	48%	46%	44%	46%	48%	50%	52%	53%	53%	53%	
Engine 2	96%	95%	94%	93%	93%	92%	93%	93%	93%	94%	94%	94%	94%	94%	94%	
Engine 3	94%	93%	93%	93%	92%	91%	91%	92%	92%	89%	86%	83%	80%	82%	82%	
Engine 4	94%	93%	93%	93%	93%	92%	91%	92%	92%	93%	93%	93%	93%	94%	93%	

	Thursday 12/18/2014	Friday 12/19/2014	Saturday 12/20/2014	Sunday 12/21/2014	Monday 12/22/2014	Tuesday 12/23/2014	Wednesday 12/24/2014	Thursday 12/25/2014	Friday 12/26/2014	Saturday 12/27/2014	Sunday 12/28/2014	Monday 12/29/2014	Tuesday 12/30/2014	Wednesday 12/31/2014	TOTAL
Cumulative by Facility in month															
Max cumulative available engine run hours	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	2,880	
Actual cumulative engine run hours	1,634	1,730	1,826	1,922	2,017	2,104	2,175	2,247	2,319	2,391	2,463	2,535	2,607	2,621	
Cumulative Availability, %	94.6%	94.8%	95.1%	95.3%	95.5%	95.3%	94.4%	93.6%	92.9%	92.2%	91.6%	91.1%	90.5%	91.0%	
Max cumulative gross output, kW	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	2,376,000	
Actual cumulative gross output, kW	1,137,148	1,200,388	1,262,710	1,325,028	1,386,882	1,447,111	1,506,271	1,566,109	1,624,292	1,684,133	1,743,980	1,803,806	1,863,652	1,863,829	
Cumulative Capacity Factor	79.8%	79.8%	79.7%	79.7%	79.6%	79.4%	79.2%	79.1%	78.9%	78.8%	78.6%	78.5%	78.4%	78.4%	
Cumulative fuel input, MMBtu/Hr	14,106	14,876	15,677	16,477	17,270	18,035	18,768	19,502	20,228	20,968	21,716	22,456	23,196	23,221	
Cumulative gross output, kWhr	1,137,148	1,200,388	1,262,710	1,325,028	1,386,882	1,447,111	1,506,271	1,566,109	1,624,292	1,684,133	1,743,980	1,803,806	1,863,652	1,863,829	
Heat Rate															
Daily heat rate, Btu/kWe gross	11,207	10,956	11,567	11,566	11,540	11,425	11,152	11,053	11,231	11,135	11,245	11,133	11,133	11,476	
Daily heat rate, Btu/kWe gross	12,449	12,171	12,849	12,849	12,819	12,692	12,388	12,278	12,476	12,369	12,492	12,368	12,367	12,748	
Cumulative heat rate, Btu/kWe gross	11,167	11,156	11,176	11,194	11,210	11,219	11,216	11,210	11,211	11,208	11,209	11,207	11,204	11,215	
Cumulative heat rate, Btu/kWe gross	12,405	12,392	12,415	12,435	12,453	12,462	12,460	12,453	12,453	12,451	12,452	12,449	12,446	12,459	
Cumulative by Facility starting Calendar Year															
Max cumulative available engine run hours	30,048	30,144	30,240	30,336	30,432	30,528	30,624	30,720	30,816	30,912	31,008	31,104	31,200	31,200	
Actual cumulative engine run hours	24,616	24,712	24,808	24,904	24,999	25,086	25,157	25,229	25,301	25,373	25,445	25,517	25,589	25,603	
Cumulative Availability, %	81.9%	82.0%	82.0%	82.1%	82.1%	82.2%	82.1%	82.1%	82.1%	82.1%	82.1%	82.0%	82.0%	82.1%	
Max cumulative gross output, kW	24,789,600	24,868,800	24,948,000	25,027,200	25,106,400	25,185,600	25,264,800	25,344,000	25,423,200	25,502,400	25,581,600	25,660,800	25,740,000	25,740,000	
Actual cumulative gross output, kW	18,561,183	18,624,423	18,686,745	18,749,063	18,810,917	18,871,146	18,930,306	18,990,144	19,048,327	19,108,168	19,168,015	19,227,841	19,287,687	19,287,864	
Cumulative Capacity Factor	74.9%	74.9%	74.9%	74.9%	74.9%	74.9%	74.9%	74.9%	74.9%	74.9%	74.9%	74.9%	74.9%	74.9%	
Cumulative fuel input, MMBtu/Hr	229,847	230,617	231,418	232,218	233,011	233,776	234,509	235,243	235,969	236,709	237,457	238,197	238,937	238,962	
Cumulative gross output, kWhr	18,561,183	18,624,423	18,686,745	18,749,063	18,810,917	18,871,146	18,930,306	18,990,144	19,048,327	19,108,168	19,168,015	19,227,841	19,287,687	19,287,864	
Cumulative heat rate, Btu/kWe gross	11,147	11,147	11,148	11,149	11,151	11,152	11,152	11,151	11,152	11,152	11,152	11,152	11,152	11,153	
Cumulative heat rate, Btu/kWe gross	12,383	12,382	12,384	12,386	12,387	12,388	12,388	12,388	12,388	12,388	12,388	12,388	12,388	12,389	
Service															
Engine 1															
Engine 2															
Engine 3															
Engine 4															
Oil - oil and filter change															
Service - plugs, air filter, valve inspection															
Precipitation															
NSTAR Power Reports															
Date	12/18/2014	12/19/2014	12/20/2014	12/21/2014	12/22/2014	12/23/2014	12/24/2014	12/25/2014	12/26/2014	12/27/2014	12/28/2014	12/29/2014	12/30/2014	12/31/2014	TOTAL
Hour															
1	2,670	2,666	2,517	2,518	2,516	2,456	2,422	2,430	2,424	2,420	2,421	2,418	2,419	2,417	
2	2,669	2,667	2,518	2,517	2,514	2,455	2,421	2,429	2,423	2,419	2,422	2,414	2,418	2,417	
3	2,668	2,652	2,517	2,517	2,517	2,455	2,422	2,428	2,422	2,419	2,419	2,414	2,417	2,415	
4	2,669	2,618	2,516	2,515	2,514	2,455	2,421	2,431	2,421	2,417	2,420	2,417	2,416	2,415	
5	2,670	2,618	2,516	2,517	2,515	2,457	2,422	2,431	2,424	2,418	2,421	2,418	2,415	2,417	
6	2,668	2,620	2,517	2,516	2,517	2,456	2,423	2,430	2,422	2,419	2,421	2,417	2,415	2,415	
7	2,668	2,620	2,516	2,517	2,515	2,454	2,423	2,430	2,421	2,418	2,420	2,414	2,414	2,415	
8	2,668	2,619	2,517	2,520	2,516	2,455	2,418	2,430	2,313	2,419	2,421	2,413	2,420	2,419	
9	2,658	2,618	2,517	2,522	2,518	2,454	2,187	2,432	1,607	2,422	2,423	2,413	2,415	2,417	
10	2,639	2,601	2,520	2,521	2,508	2,459	1,995	2,432	2,033	2,423	2,423	2,403	2,403	2,146	
11	2,410	2,534	2,520	2,519	2,388	2,459	2,422	2,430	2,368	2,424	2,422	2,403	2,400	2,440	
12	2,338	2,409	2,520	2,519	2,478	2,378	2,425	2,430	2,337	2,424	2,421	2,406	2,406	2,513	
13	2,553	2,521	2,520	2,520	2,464	2,366	2,428	2,435	2,185	2,426	2,424	2,411	2,410	2,516	
14	2,466	2,508	2,520	2,519	2,454	2,366	2,430	2,436	2,423	2,425	2,421	2,415	2,409	2,521	
15	2,246	2,469	2,519	2,518	2,467	2,338	2,430	2,431	2,427	2,422	2,423	2,414	2,411	2,512	
16	2,829	2,469	2,518	2,518	2,496	2,420	2,430	2,429	2,424	2,421	2,423	2,415	2,410	2,422	
17	2,675	2,520	2,517	2,517	2,499	2,424	2,430	2,427	2,423	2,421	2,422	2,420	2,408	2,422	
18	2,713	2,520	2,517	2,518	2,506	2,422	2,428	2,427	2,420	2,419	2,421	2,420	2,412	2,418	
19	2,683	2,520	2,516	2,514	2,504	2,421	2,430	2,425	2,420	2,417	2,419	2,418	2,416	2,418	
20	2,668	2,520	2,514	2,516	2,503	2,422	2,431	2,425	2,419	2,419	2,419	2,417	2,416	2,418	
21	2,670	2,520	2,516	2,516	2,480	2,423	2,431	2,426	2,421	2,419	2,419	2,420	2,417	2,419	
22	2,667	2,520	2,518	2,516	2,455	2,422	2,432	2,424	2,420	2,418	2,420	2,420	2,417	2,417	
23	2,666	2,519	2,516	2,516	2,455	2,420	2,430	2,421	2,418	2,416	2,418	2,417	2,416	2,419	
24	2,666	2,517	2,517	2,514	2,454	2,423	2,429	2,423	2,420	2,418	2,417	2,416	2,416	2,419	
TOTAL	62,897	61,365	60,419	60,420	59,753	58,260	57,560	58,292	56,435	58,083	58,100	57,953	57,916	58,167	
Cumulative Output Sold, kW	1,104,877	1,166,242	1,226,661	1,287,081	1,346,834	1,405,094	1,462,654	1,520,946	1,577,381	1,635,464	1,693,564	1,751,517	1,809,433	1,867,600	
Transformer and line efficiency	99.9%	99.8%	99.8%	99.8%	99.8%	99.8%	99.7%	99.7%	99.8%	99.7%	99.7%	99.8%	99.8%	99.8%	0.0%
Hourly average	2,621	2,557	2,517	2,518	2,490	2,428	2,398	2,429	2,351	2,420	2,421	2,415	2,413	2,424	2,510

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	500	-	840	-	820	690	650	550	450
		Engine 2, kW	766	842	837	840	840	650	650	-	780
		Engine 3, kW	784	829	840	835	840	650	650	820	780
		Engine 4, kW	500	841	-	820	-	700	600	820	760
		Gross, kW	2,550	2,511	2,517	2,495	2,500	2,690	2,550	2,190	2,770
MEASURING INSTRUMENT:		Pitot Tube:	166	166	166	166	166	166	166	166	166
		Manometer:	Dwyer Mark II	Dwyer Mark II	Dwyer Mark II	Dwyer Mark II	Dwyer Mark II	Dwyer Mark II	Dwyer Mark II	Dwyer Mark II	Dwyer Mark II
DATE OF MEASUREMENT:			10-Apr-14	19-May-14	10-Jun-14	7-Jul-15	6-Aug-15	5-Sep-15	14-Oct-15	25-Nov-15	17-Dec-15
TIME OF MEASUREMENT:			13:00	11:30	12:15	0:00	13:00	13:00	12:45	12:45	13:00
PARAMETERS		UNITS	VALUES	VALUES	VALUES	VALUES	VALUES	VALUES	VALUES	VALUES	VALUES
Pipe dimensions											
		Inside Diameter	inches	10.420	10.420	10.420	10.420	10.420	10.420	10.420	10.420
		Area of cross section	square feet	0.5922	0.5922	0.5922	0.5922	0.5922	0.5922	0.5922	0.5922
Flow Calculation											
Kp	Pitot tube constant	ft/sec((lb/lb-mole)(in. Hg)/(R)(in H2O))^1/2	85.49	85.49	85.49	85.49	85.49	85.49	85.49	85.49	85.49
Cp	Pitot tube coefficient	dimensionless	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
dP	Average velocity pressure of stack gas	in H2O	0.212	0.199	0.188	0.168	0.167	0.202	0.194	0.159	0.228
Blower Inlet											
Ts	Stack temperature	Degrees Fahrenheit	61	66	71	80	82	82	75	74	68
		Degrees Rankine	521	526	531	540	542	542	535	534	528
Pg	Stack static pressure	inch H2O	-58	-54	-61.2	-59	-60	-60	-60	-60	-60
		inch Hg	(4.27)	(3.97)	(4.50)	(4.34)	(4.41)	(4.41)	(4.41)	(4.41)	(4.41)
Ps	Absolute stack gas pressure	inch Hg	25.79	26.07	25.45	25.51	25.41	25.72	25.59	25.57	25.57
Blower Outlet											
Ts	Stack temperature	Degrees Fahrenheit	110	110	120	115	115	110	110	115	110
		Degrees Rankine	570	570	580	575	575	570	570	575	570
Pg	Stack static pressure	inch H2O	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
		inch Hg	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07
		psig	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Pbar	Barometric pressure	inch Hg	30.06	30.04	29.95	29.85	29.82	30.13	30.00	29.98	29.98
Ps	Absolute stack gas pressure	inch Hg	34.13	34.11	34.02	33.92	33.89	34.20	34.07	34.05	34.05
Ms	Molecular weight of stack gas, wet	lb/lb-mole	28.45	28.07	27.98	27.77	27.67	27.99	27.81	27.82	27.84
Vs	Average stack gas velocity	feet per second	33.2	32.3	32.0	30.6	30.6	33.4	32.7	29.5	35.1
Qact	Volumetric Flow	actual cubic feet per minute	1,179	1,149	1,137	1,086	1,089	1,185	1,161	1,049	1,249
Qstd	Volumetric Flow at actual methane content	standard cubic feet per minute *	1,030	1,005	961	906	901	993	980	886	1,067
Qstd corr	Volumetric Flow at 50% methane	standard cubic feet per minute **	1,069	1,083	1,027	974	987	1,042	1,035	932	1,127
Ht HHV	Heat input	MMBtu per hour HHV	32.46	32.88	31.17	29.58	29.97	31.64	31.42	28.31	34.21
Ht LHV	Heat input	MMBtu per hour LHV	29.22	29.60	28.06	26.63	26.98	28.48	28.29	25.48	30.79
	Methane Content	%, vol/vol wet	51.90%	53.90%	53.40%	53.80%	54.80%	52.50%	52.80%	52.60%	52.80%
Diff. between pitot tube and orifice reading:			-0.5%	0.1%	2.7%	0.8%	0.7%	0.7%	0.5%	0.7%	-1.5%
dP	Delta pressure across orifice plate	inches H2O	8.20	7.70	6.85	6.30	6.26	7.40	7.30	6.00	9.00
Qact	Volumetric Flow	acfm	980	950	904	863	860	931	925	842	1,027
Qstd	Volumetric Flow at actual methane content	standard cubic feet per minute *	1,036	1,003	935	898	895	986	976	880	1,083
Qstd	Volumetric Flow at 50% methane	standard cubic feet per minute **	1,075	1,081	999	967	981	1,035	1,030	926	1,143
Ht HHV	Heat input	MMBtu per hour HHV	32.64	32.83	30.33	29.35	29.77	31.43	31.28	28.11	34.71
Ht LHV	Heat input	MMBtu per hour LHV	29.38	29.55	27.30	26.42	26.80	28.29	28.15	25.30	31.24
* 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	TY/RB	TY/RB	TY/RB	TY/RB	TY/NZ	TY/RB
Date	10-Apr-14	19-May-14	10-Jun-14	7-Jul-15	6-Aug-15	5-Sep-15	14-Oct-15	25-Nov-15	17-Dec-15
Time	13:00	11:30	12:15	0:00	13:00	13:00	12:45	12:45	12:45
Flow valve									
Pipe inside diameter, inches	10.42	10.42	10.42	10.42	10.42	10.42	10.42	10.42	10.42
Orifice measurement, cfm	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ambient Temperature, F	46	59	32	73	75	75	67	58	44
Barometric Pressure, In Hg	30.06	30.04	29.95	29.85	29.82	30.13	30.00	29.98	29.98
Blower Inlet Temperature, F	61	66	71	80	82	82	75	74	68
Outlet Temperature, F	110	110	120	115	115	110	110	115	110
Blower Inlet Pressure (SP), In H2O	-58	-54	-61.2	-59	-60	-60	-60	-60	-60
Blower Outlet Pressure, PSIG	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Blower Outlet Pressure, In H2O	55.36	55.36	55.36	55.36	55.36	55.36	55.36	55.36	55.36
Measurement									
Manometer									
Pitot Tube									
Velocity Pressure (dP)									
Point									
1	0.21	0.20	0.19	0.17	0.17	0.20	0.20	0.17	0.23
2	0.21	0.20	0.19	0.17	0.17	0.20	0.20	0.17	0.23
3	0.21	0.20	0.19	0.17	0.17	0.20	0.20	0.16	0.23
4	0.21	0.20	0.19	0.17	0.17	0.21	0.20	0.16	0.23
5	0.21	0.20	0.19	0.17	0.17	0.21	0.19	0.16	0.23
6	0.22	0.20	0.19	0.17	0.17	0.21	0.19	0.16	0.23
7	0.22	0.20	0.19	0.17	0.16	0.20	0.19	0.15	0.23
8	0.22	0.20	0.19	0.16	0.16	0.20	0.19	0.15	0.22
9	0.20	0.19	0.17	0.16	0.16	0.19	0.19	0.15	0.22
Average	0.212	0.199	0.188	0.168	0.167	0.202	0.194	0.159	0.228
Gas Composition									
Compound, %v/v									
Methane (CH4)	51.9%	53.9%	53.4%	53.8%	54.8%	52.5%	52.8%	52.6%	52.8%
Carbon dioxide (CO2)	42.8%	42.2%	41.4%	41.0%	41.2%	41.4%	40.0%	39.8%	39.8%
Oxygen (O2)	0.20%	0.10%	0.51%	0.50%	0.50%	0.80%	1.00%	1.20%	1.00%
Balance gas	5.10%	3.80%	4.70%	4.70%	3.50%	5.30%	6.20%	6.40%	6.40%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Moisture (H2O) (included in balance gas)	1.8%	2.2%	2.6%	3.5%	3.7%	3.7%	2.9%	2.8%	2.3%
Molecular weight, lb/lb-mole wet	28.45	28.07	27.98	27.77	27.67	27.99	27.81	27.82	27.84

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'California Analytical' Analyzer Calibration Results

[illegible]

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Attestation Statement

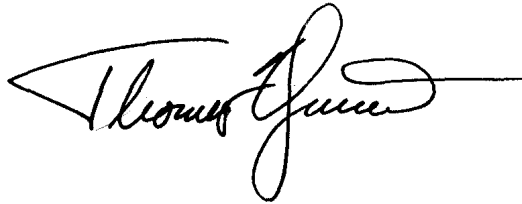
As an officer of Commonwealth New Bedford Energy LLC (CNBE) I hereby certify that the verified carbon units (VCUs) verified under the verified carbon standard (VCS) for the second, third and fourth quarters of 2014 from the Project Activity will be registered on the Markit Environmental Registry (formerly 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

A handwritten signature in black ink, appearing to read "Thomas Yeransian", with a long horizontal flourish extending to the right.

Signature

March 23, 2015

Date