

MONITORING REPORT #2012-2 AND #2013-1 FOR THE GREATER NEW BEDFORD LFG UTILIZATION PROJECT DARTMOUTH, MASSACHUSETTS

FOR VERIFICATION PERIODS
JULY 1, 2012 THROUGH DECEMBER 31, 2012
AND JANUARY 1, 2013 THROUGH JUNE 30, 2013

NOVEMBER 27, 2013

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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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Monitoring Period	01-July-2012 to 30-June-2013
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1.0 Project Details

1.1 Summary Description of the Implementation Status of the Project

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

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

The Project was implemented according to the description provided in the validated PD. The Project became operational in January 2002 with the expansion of an existing active LFG collection and destruction system. Emission reductions from the current verification period were claimed for LFG collected from the expanded active LFG collection system and destructed in the Caterpillar 3516 engine-generator sets. The back-up flare had limited operation during the current verification period and no emission reductions are claimed from flaring. CRMC claims GHG emission reductions eligible under VCS program of 98,928 metric tons of CO₂e for the verification period July 1, 2012 through June 30, 2013. The claim includes 51,915 metric tons of CO₂e from July 1, 2012 through December 31, 2012, and 47,013 metric tons of CO₂e from January 1, 2013 through June 30, 2013.

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
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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. No excess landfill gas was available to operate the open flare during the period.

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

The readings of methane concentration in landfill gas were not conducted continuously during the period May 19, 2013 through June 6, 2013. Rather the daily measurements of methane content were conducted using a Landtec GEM 2000 during this period.

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 CO ₂ -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 CO ₂ -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.

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.
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
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 recent 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 July 1, 2012 through December 31, 2012, and January 1, 2013 through June 30, 2013.
2. Exhibit 2 provides LFG totalizer readings, and methane content readings for the periods from July 1, 2012 through December 31, 2012, and January 1, 2013 through June 30, 2013. 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 July 1, 2012 through December 31, 2012, and January 1, 2013 through June 30, 2013. , 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	VCS
Methane oxidation efficiency electricity generation			100.0%	100.0%
Methane oxidation efficiency LFG flaring			50.0%	50.0%
Methane, molecular weight			16	16
Pounds per metric ton			2,205	2,205
Gas constant (scf per lb-mole)			385	385
Global Warming Potential (GWP) methane			21	21
Summary results				
	Unit			
Electricity generation				
Start date			1-Jul-12	1-Jan-13
End date			31-Dec-12	30-Jun-13
Methane delivered	scf		141,999,999	128,259,347
Emission Reductions	metric tons CO2e		56,203	50,764
Flaring				
Start date			1-Jul-12	1-Jan-13
End date			31-Dec-12	30-Jun-13
Methane delivered	scf		-	-
Emission Reductions	metric tons CO2e		-	-
Subtotal				
Methane delivered	scf		141,999,999	128,259,347
Emission Reductions	metric tons CO2e		56,203	50,764
District Initial System				
Methane delivered	scf		10,832,703	9,478,615
Emission Reductions	metric tons CO2e		4,288	3,752
Total				
Emission Reductions eligible under VCS program	metric tons CO2e		51,915	47,013

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, October 8, 2013, v3.4					
Begin period - date	End period - date	Totalizer reading end period	Totalizer reading start period	Total in period	Methane delivered to engines	Methane delivered cumulative	Methane delivered in the period	Methane delivered in the period	Methane oxidation efficiency	MD electricity, Mass methane destroyed in the period	MD electricity, Mass methane destroyed cumulative	Global warming potential methane	Emission reduction	Emission reduction cumulative
mm/dd/yy	mm/dd/yy	MMBtu HHV	MMBtu HHV	MMBtu HHV	scf	scf	metric tons	metric tons	%	metric tons	metric tons	tons CO2 equivalent per ton methane	CO2 equivalent metric tons	CO2 equivalent metric tons
1-Jul-12														
1-Jul-12	31-Jul-12	22,931	-	22,931	22,659,289	22,659,289	427	427	100.0%	427	427	21	8,968	8,968
1-Aug-12	31-Aug-12	47,464	22,931	24,533	24,242,293	46,901,581	457	884	100.0%	457	884	21	9,595	18,563
1-Sep-12	30-Sep-12	71,120	47,464	23,655	23,374,605	70,276,186	441	1,325	100.0%	441	1,325	21	9,252	27,815
1-Oct-12	31-Oct-12	95,251	71,120	24,131	23,845,058	94,121,244	449	1,774	100.0%	449	1,774	21	9,438	37,253
1-Nov-12	30-Nov-12	119,201	95,251	23,950	23,666,008	117,787,252	446	2,220	100.0%	446	2,220	21	9,367	46,620
1-Dec-12	31-Dec-12	143,704	119,201	24,503	24,212,747	141,999,999	456	2,676	100.0%	456	2,676	21	9,583	56,203
1-Jan-13														
1-Jan-13	31-Jan-13	23,361	-	23,361	23,084,091	23,084,091	435	435	100.0%	435	435	21	9,137	9,137
1-Feb-13	28-Feb-13	42,900	23,361	19,538	19,306,719	42,390,810	364	799	100.0%	364	799	21	7,641	16,778
1-Mar-13	31-Mar-13	64,188	42,900	21,289	21,036,275	63,427,085	396	1,195	100.0%	396	1,195	21	8,326	25,104
1-Apr-13	30-Apr-13	85,901	64,188	21,713	21,455,633	84,882,718	404	1,600	100.0%	404	1,600	21	8,492	33,596
1-May-13	31-May-13	108,300	85,901	22,399	22,133,148	107,015,865	417	2,017	100.0%	417	2,017	21	8,760	42,356
1-Jun-13	30-Jun-13	129,798	108,300	21,498	21,243,481	128,259,347	400	2,417	100.0%	400	2,417	21	8,408	50,764

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, October 8, 2013, v3.4																			
Begin period - date	End period - date	Totalizer reading end period	Totalizer reading start period	Total in period	Methane delivered to flare	Methane delivered cumulative	Methane delivered in the period	Methane delivered cumulative	Methane oxidation efficiency	MD flare, Mass methane destroyed in the period	MD flare, Mass methane destroyed cumulative	Global warming potential methane	Emission reduction	Emission reduction cumulative	PE flare, Project emissions (uncontrolled emissions to atmosphere from flare)	PE flare, Project emissions cumulative (uncontrolled emissions to atmosphere from flare)			
mm/dd/yy	mm/dd/yy	MMBtu HHV	MMBtu HHV	MMBtu HHV	scf	scf	metric tons	metric tons	%	metric tons	metric tons	tons CO2 equivalent per ton methane	CO2 equivalent metric tons	CO2 equivalent metric tons	CO2 equivalent metric tons	CO2 equivalent metric tons			
1-Jul-12																			
1-Jul-12	31-Jul-12	-	-	0	-	-	0	0	50%	-	-	21	-	-	-	-			
1-Aug-12	31-Aug-12	-	-	0	-	-	0	0	50%	-	-	21	-	-	-	-			
1-Sep-12	30-Sep-12	-	-	0	-	-	0	0	50%	-	-	21	-	-	-	-			
1-Oct-12	31-Oct-12	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-			
1-Nov-12	30-Nov-12	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-			
1-Dec-12	31-Dec-12	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-			
1-Jan-13																			
1-Jan-13	31-Jan-13	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-			
1-Feb-13	28-Feb-13	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-			
1-Mar-13	31-Mar-13	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-			
1-Apr-13	30-Apr-13	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-			
1-May-13	31-May-13	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-			
1-Jun-13	30-Jun-13	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-			

EXHIBIT 4

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

Key factors to determine baseline and emission reductions (1):								
Methane oxidation efficiency for electric generation:								100%
Methane oxidation efficiency for flare:								50%
GWP methane, Global warming potential for methane:								21
Quantity methane collected and controlled to make electricity								100%
Quantity methane collected and controlled by flare								0%
EL lfg	Indirect electricity required by baseline activity							0
ET lfg	Indirect thermal energy required by baseline activity							0
PE	Project emissions, which are indirect emissions from Project Activity							0
MD project	Methane destroyed by Project Activity							See below
MD bl	Methane destroyed in the District Initial System.							See below
MD flared	Methane destroyed by flaring = methane delivered to flare - methane emitted to atmosphere							See below
MD electricity	Methane destroyed by generation of electricity							See below
BE	Baseline emissions = (MD project-MD bl) * GWP methane + indirect emissions of baseline activity							See below
ER	Emission reductions, which is equal to BE - PE							See below
Year	Methane collected and delivered to engines and flare, methane metric tons	MD electricity, methane metric tons	MD flared, methane metric tons	MD project, methane metric tons	MD bl (2), methane metric tons	(MD project MD bl) methane metric tons	BE, CO2e metric tons	ER, CO2e metric tons
2nd Half 2012	2,676	2,676	-	2,676	204	2,472	51,915	51,915
1st Half 2013	2,417	2,417	-	2,417	179	2,239	47,013	47,013
(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.

Hardcopy and MS Excel File

JULY 2012																			
CNBE Daily Reports Summary Data																			
		Sunday 7/1/2012	Monday 7/2/2012	Tuesday 7/3/2012	Wednesday 7/4/2012	Thursday 7/5/2012	Friday 7/6/2012	Saturday 7/7/2012	Sunday 7/8/2012	Monday 7/9/2012	Tuesday 7/10/2012	Wednesday 7/11/2012	Thursday 7/12/2012	Friday 7/13/2012	Saturday 7/14/2012	Sunday 7/15/2012	Monday 7/16/2012	Tuesday 7/17/2012	Wednesday 7/18/2012
Landfill Gas Flow to the Engines (KSCF)		1,372	1,366	1,370	1,338	1,345	1,409	1,363	1,348	1,354	1,358	1,345	1,355	1,359	1,345	1,316	1,383	1,414	1,377
Landfill Gas Flow to the Engines (MMBTU HHV)		724	721	729	728	725	753	743	732	732	727	719	733	729	729	717	749	757	739
Landfill Gas Flow to the Flare (KSCF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Flow to the Flare (MMBTU HHV)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Total Flow (KSCF)		1,372	1,366	1,370	1,338	1,345	1,409	1,363	1,348	1,354	1,358	1,345	1,355	1,359	1,345	1,316	1,383	1,414	1,377
Landfill Gas Total Flow (MMBTU HHV)		724	721	729	728	725	753	743	732	732	727	719	733	729	729	717	749	757	739
Average Methane Content (%)		52.2	52.1	52.6	53.7	53.3	52.8	53.9	53.7	53.4	52.9	52.8	53.4	53.0	53.5	53.8	53.5	52.9	53.1
Engine 1 Hours		24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Engine 2 Hours		-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	7	7	3
Engine 3 Hours		24	24	23	25	22	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	24	24	24	24	24	24	24
Generator 1 Power Output (kWhr)		20,117	20,122	20,123	20,123	20,119	20,110	20,135	20,117	20,122	20,124	20,120	20,121	20,121	20,122	20,119	20,116	20,115	19,771
Generator 2 Power Output (kWhr)		-	-	-	-	1,169	-	-	-	-	-	-	-	-	-	-	1,271	1,295	964
Generator 3 Power Output (kWhr)		20,216	20,215	20,216	20,216	18,424	20,198	20,228	20,212	20,211	20,207	20,209	20,209	20,209	20,207	20,214	20,216	20,219	19,888
Generator 4 Power Output (kWhr)		19,915	19,917	19,921	19,922	19,929	19,914	19,938	19,919	19,926	19,935	19,937	19,938	19,911	19,904	19,900	19,920	19,924	19,403
Gross Power Output (kWhr)		60,221	60,215	60,214	60,213	59,600	60,163	60,246	60,195	60,209	60,215	60,224	60,193	60,196	60,205	60,203	61,482	61,510	59,976
Net Power Output (kWhr)		58,024	58,000	58,034	58,080	57,452	57,988	58,128	58,060	58,048	58,034	58,022	58,022	58,076	58,114	58,126	59,294	59,278	57,816
Power Sold as metered by NStar, (kWhr)		57,827	57,809	57,838	57,869	57,249	57,822	57,882	57,862	55,168	57,832	57,819	57,829	57,873	57,892	57,907	59,079	59,068	57,607
Offgrid RECs (kWhr)		2,197	2,215	2,180	2,133	2,148	2,176	2,116	2,136	2,161	2,181	2,202	2,171	2,120	2,091	2,077	2,188	2,232	2,160
Calculated Performance Results																			
Daily																			
	Power output (kW average when running)																		
	Generator 1	838	838	838	838	838	838	839	838	838	839	838	838	838	838	838	838	838	824
	Generator 2	-	-	-	-	585	-	-	-	-	-	-	-	-	-	-	182	185	321
	Generator 3	842	842	879	809	837	842	843	842	842	842	842	842	842	842	842	842	842	829
	Generator 4	830	830	830	830	830	830	831	830	830	831	831	830	830	829	829	830	830	808
	Power output (kW average over 24-hrs)																		
	Facility Gross	2,509	2,509	2,509	2,509	2,483	2,507	2,510	2,508	2,509	2,509	2,509	2,508	2,508	2,509	2,508	2,562	2,563	2,499
	Facility Net	2,418	2,417	2,418	2,420	2,394	2,416	2,422	2,419	2,419	2,418	2,418	2,418	2,420	2,421	2,422	2,471	2,470	2,409
	In-plant load	92	92	91	89	90	91	88	89	90	91	92	90	88	87	87	91	93	90
	Daily availability factor																		
	Facility	75%	75%	74%	76%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	82%	82%	78%
	Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Engine 2	0%	0%	0%	0%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	29%	29%	13%
	Engine 3	100%	100%	96%	104%	92%	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%	100%
	Daily capacity factor																		
	Facility	76%	76%	76%	76%	75%	76%	76%	76%	76%	76%	76%	76%	76%	76%	76%	78%	78%	76%
	Engine 1	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	100%
	Engine 2	0%	0%	0%	0%	71%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	22%	22%	39%
	Engine 3	102%	102%	107%	98%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	100%
	Engine 4	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	98%
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	432
	Engine 1	24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408	432
	Engine 2	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	9	16	19
	Engine 3	24	48	71	96	118	142	166	190	214	238	262	286	310	334	358	382	406	430
	Engine 4	24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408	432
	Engine operating run hours total from 0 hours																		
	Engine 1	55,361	55,385	55,409	55,433	55,457	55,481	55,505	55,529	55,553	55,577	55,601	55,625	55,649	55,673	55,697	55,721	55,745	55,769
	Engine 2	52,708	52,708	52,708	52,710	52,710	52,710	52,710	52,710	52,710	52,710	52,710	52,710	52,710	52,710	52,710	52,712	52,724	52,727
	Engine 3	51,932	51,956	51,979	52,004	52,026	52,050	52,074	52,098	52,122	52,146	52,170	52,194	52,218	52,242	52,266	52,290	52,314	52,338
	Engine 4	50,909	50,933	50,957	50,981	51,005	51,029	51,053	51,077	51,101	51,125	51,149	51,173	51,197	51,221	51,245	51,269	51,293	51,317
	Cumulative availability, %																		
	Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Engine 2	0%	0%	0%	0%	2%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	2%	4%	4%
	Engine 3	100%	100%	99%	100%	98%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	100%	100%
	Engine 4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	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	13,200	14,025	14,850
	Engine 1	838	1,677	2,515	3,354	4,192	5,030	5,869	6,707	7,545	8,384	9,222	10,061	10,899	11,737	12,576	13,414	14,252	15,076
	Engine 2	-	-	-	-	585	585	585	585	585	585	585	585	585	585	585	766	951	1,272
	Engine 3	842	1,685	2,564	3,372	4,210	5,051	5,894	6,										

	Sunday 7/1/2012	Monday 7/2/2012	Tuesday 7/3/2012	Wednesday 7/4/2012	Thursday 7/5/2012	Friday 7/6/2012	Saturday 7/7/2012	Sunday 7/8/2012	Monday 7/9/2012	Tuesday 7/10/2012	Wednesday 7/11/2012	Thursday 7/12/2012	Friday 7/13/2012	Saturday 7/14/2012	Sunday 7/15/2012	Monday 7/16/2012	Tuesday 7/17/2012	Wednesday 7/18/2012
Heat Rate																		
Daily heat rate, Btu/kWe gross LHV	10,827	10,776	10,905	10,879	10,953	11,262	11,096	10,951	10,946	10,868	10,752	10,955	10,906	10,893	10,718	10,972	11,080	11,098
Daily heat rate, Btu/kWe gross HHV	12,027	11,970	12,113	12,085	12,168	12,511	12,326	12,165	12,159	12,073	11,944	12,169	12,115	12,100	11,906	12,189	12,309	12,328
Cumulative heat rate, Btu/kWe gross LHV	10,827	10,801	10,836	10,847	10,868	10,934	10,957	10,956	10,955	10,946	10,929	10,931	10,929	10,926	10,912	10,916	10,926	10,936
Cumulative heat rate, Btu/kWe gross HHV	12,027	11,999	12,037	12,049	12,073	12,146	12,172	12,171	12,170	12,160	12,140	12,143	12,141	12,138	12,122	12,127	12,137	12,148
Cumulative by Facility starting Calendar Year																		
Max cumulative available engine run hours	17,184	17,280	17,376	17,472	17,568	17,664	17,760	17,856	17,952	18,048	18,144	18,240	18,336	18,432	18,528	18,624	18,720	18,816
Actual cumulative engine run hours	14,514	14,586	14,657	14,730	14,802	14,874	14,946	15,018	15,090	15,162	15,234	15,306	15,378	15,450	15,522	15,601	15,680	15,755
Cumulative Availability, %	84.5%	84.4%	84.4%	84.3%	84.3%	84.2%	84.2%	84.1%	84.1%	84.0%	84.0%	83.9%	83.9%	83.8%	83.8%	83.8%	83.8%	83.7%
Max cumulative gross output, kWhr	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	15,127,200	15,206,400	15,285,600	15,364,800	15,444,000	15,523,200
Actual cumulative gross output, kWhr	10,823,580	10,883,795	10,944,009	11,004,222	11,063,822	11,123,985	11,184,231	11,244,426	11,304,635	11,364,850	11,425,074	11,485,267	11,545,463	11,605,668	11,665,871	11,727,353	11,788,863	11,848,839
Cumulative Capacity Factor	76.3%	76.3%	76.3%	76.3%	76.3%	76.3%	76.3%	76.3%	76.3%	76.3%	76.3%	76.3%	76.3%	76.3%	76.3%	76.3%	76.3%	76.3%
Cumulative fuel input, MMBtu HHV	138,245	138,966	139,695	140,423	141,148	141,901	142,643	143,375	144,108	144,850	145,554	146,286	147,016	147,744	148,461	149,210	149,967	150,707
Cumulative gross output, kWhr	10,823,580	10,883,795	10,944,009	11,004,222	11,063,822	11,123,985	11,184,231	11,244,426	11,304,635	11,364,850	11,425,074	11,485,267	11,545,463	11,605,668	11,665,871	11,727,353	11,788,863	11,848,839
Cumulative heat rate, Btu/kWe gross LHV	11,498	11,494	11,491	11,487	11,484	11,483	11,481	11,478	11,475	11,472	11,468	11,466	11,463	11,460	11,456	11,453	11,452	11,450
Cumulative heat rate, Btu/kWe gross HHV	12,773	12,768	12,765	12,761	12,758	12,756	12,754	12,751	12,748	12,744	12,740	12,737	12,734	12,730	12,726	12,723	12,721	12,719
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	7/1/2012	7/2/2012	7/3/2012	7/4/2012	7/5/2012	7/6/2012	7/7/2012	7/8/2012	7/9/2012	7/10/2012	7/11/2012	7/12/2012	7/13/2012	7/14/2012	7/15/2012	7/16/2012	7/17/2012	7/18/2012
Hour																		
1	2,411	2,409	2,411	2,411	2,412	2,409	2,412	2,412	2,411	2,411	2,411	2,410	2,412	2,414	2,413	2,413	2,412	2,410
2	2,411	2,411	2,412	2,412	2,412	2,410	2,412	2,413	2,411	2,413	2,413	2,410	2,413	2,414	2,414	2,413	2,413	2,411
3	2,411	2,411	2,413	2,411	2,412	2,410	2,412	2,413	2,413	2,414	2,413	2,410	2,413	2,414	2,413	2,414	2,413	2,410
4	2,411	2,411	2,413	2,412	2,412	2,410	2,412	2,413	2,412	2,415	2,413	2,412	2,413	2,414	2,414	2,414	2,414	2,411
5	2,411	2,412	2,414	2,411	2,412	2,410	2,413	2,413	2,413	2,416	2,414	2,413	2,413	2,414	2,414	2,414	2,414	2,410
6	2,411	2,413	2,415	2,411	2,413	2,411	2,413	2,413	2,414	2,417	2,414	2,412	2,414	2,414	2,415	2,414	2,415	2,413
7	2,411	2,413	2,413	2,411	2,412	2,410	2,414	2,412	2,413	2,416	2,414	2,412	2,414	2,414	2,414	2,414	2,414	2,413
8	2,409	2,408	2,410	2,412	2,410	2,408	2,414	2,411	2,408	2,411	2,412	2,409	2,411	2,414	2,413	2,412	2,413	2,411
9	2,408	2,404	2,406	2,413	2,407	2,405	2,411	2,410	2,408	2,403	2,407	2,407	2,407	2,414	2,412	2,535	2,407	2,406
10	2,407	2,404	2,405	2,413	2,406	2,404	2,411	2,409	2,407	2,400	2,406	2,406	2,406	2,413	2,412	2,598	2,543	2,404
11	2,407	2,403	2,404	2,413	2,404	2,404	2,412	2,408	1,640	2,399	2,405	2,406	2,407	2,413	2,411	2,597	2,593	1,981
12	2,406	2,403	2,404	2,412	2,329	2,406	2,412	2,410	688	2,402	2,405	2,405	2,407	2,411	2,411	2,595	2,592	2,321
13	2,407	2,404	2,405	2,412	2,216	2,409	2,412	2,409	2,219	2,405	2,405	2,404	2,408	2,410	2,411	2,595	2,591	2,642
14	2,407	2,404	2,406	2,410	2,093	2,409	2,410	2,408	2,405	2,405	2,405	2,405	2,409	2,409	2,411	2,596	2,591	2,454
15	2,408	2,407	2,409	2,409	2,412	2,409	2,410	2,409	2,406	2,406	2,405	2,406	2,409	2,409	2,411	2,545	2,592	2,406
16	2,409	2,410	2,409	2,409	2,410	2,409	2,411	2,409	2,407	2,407	2,406	2,406	2,410	2,409	2,411	2,409	2,555	2,410
17	2,411	2,409	2,410	2,410	2,411	2,411	2,412	2,410	2,411	2,410	2,408	2,409	2,411	2,409	2,413	2,413	2,411	2,414
18	2,410	2,410	2,410	2,411	2,409	2,411	2,412	2,411	2,412	2,411	2,409	2,412	2,413	2,411	2,414	2,415	2,413	2,412
19	2,410	2,410	2,411	2,412	2,410	2,412	2,412	2,412	2,412	2,412	2,409	2,412	2,414	2,411	2,414	2,413	2,415	2,412
20	2,411	2,411	2,412	2,411	2,410	2,412	2,411	2,412	2,411	2,412	2,410	2,413	2,414	2,412	2,414	2,412	2,414	2,412
21	2,411	2,411	2,412	2,411	2,410	2,412	2,411	2,412	2,412	2,412	2,409	2,414	2,414	2,412	2,414	2,412	2,413	2,412
22	2,410	2,410	2,411	2,410	2,409	2,410	2,411	2,411	2,411	2,412	2,408	2,412	2,414	2,412	2,413	2,412	2,410	2,410
23	2,410	2,410	2,411	2,411	2,409	2,410	2,411	2,411	2,411	2,411	2,409	2,412	2,413	2,413	2,412	2,412	2,410	2,410
24	2,409	2,411	2,412	2,411	2,409	2,411	2,411	2,411	2,412	2,412	2,409	2,412	2,414	2,412	2,413	2,412	2,410	2,412
TOTAL	57,827	57,809	57,838	57,869	57,249	57,822	57,882	57,862	55,168	57,832	57,819	57,829	57,873	57,892	57,907	59,079	59,068	57,607
Cumulative Output Sold, kWhr	57,827	115,636	173,474	231,343	288,592	346,414	404,296	462,158	517,326	575,158	632,977	690,806	748,679	806,571	864,478	923,557	982,625	1,040,232
Transformer and line efficiency	99.7%	99.7%	99.7%	99.6%	99.6%	99.7%	99.6%	99.7%	95.0%	99.7%	99.7%	99.7%	99.7%	99.6%	99.6%	99.6%	99.6%	99.6%
Hourly average	2,409	2,409	2,410	2,411	2,385	2,409	2,412	2,411	2,299	2,410	2,409	2,410	2,411	2,412	2,413	2,462	2,461	2,400

JULY 2012														
CNBE Daily Reports Summary Data														
	Thursday 7/19/2012	Friday 7/20/2012	Saturday 7/21/2012	Sunday 7/22/2012	Monday 7/23/2012	Tuesday 7/24/2012	Wednesday 7/25/2012	Thursday 7/26/2012	Friday 7/27/2012	Saturday 7/28/2012	Sunday 7/29/2012	Monday 7/30/2012	Tuesday 7/31/2012	TOTAL
Landfill Gas Flow to the Engines (KSCF)	1,367	1,365	1,353	1,344	1,389	1,422	1,377	1,371	1,377	1,387	1,366	1,391	1,404	42,429
Landfill Gas Flow to the Engines (MMBTU HHV)	734	737	736	729	755	776	744	750	744	754	756	756	775	22,931
Landfill Gas Flow to the Flare (KSCF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Flow to the Flare (MMBTU HHV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Total Flow (KSCF)	1,367	1,365	1,353	1,344	1,389	1,422	1,377	1,371	1,377	1,387	1,366	1,391	1,404	42,429
Landfill Gas Total Flow (MMBTU HHV)	734	737	736	729	755	776	744	750	744	754	756	756	775	22,931
Average Methane Content (%)	53.1	53.3	53.8	53.6	53.7	53.9	53.4	54.1	53.4	53.7	54.6	53.7	54.6	53.4
Engine 1 Hours	24	24	24	24	24	24	24	24	24	24	24	24	22	742
Engine 2 Hours	1	2	-	-	15	24	24	24	24	24	24	24	24	229
Engine 3 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	742
Engine 4 Hours	24	24	24	24	14	7	-	-	-	-	-	5	7	561
Generator 1 Power Output (kWhr)	20,121	20,075	20,121	20,122	20,116	20,108	20,106	20,107	20,108	20,108	20,108	20,107	18,271	621,395
Generator 2 Power Output (kWhr)	-	157	-	-	10,338	20,310	20,355	20,350	20,356	20,355	20,352	20,354	20,353	177,979
Generator 3 Power Output (kWhr)	20,209	20,196	20,208	20,210	20,211	20,215	20,215	20,212	20,216	20,213	20,212	20,213	20,210	624,454
Generator 4 Power Output (kWhr)	19,932	19,809	19,933	19,940	10,601	1,466	-	-	-	-	-	1,415	3,260	454,409
Gross Power Output (kWhr)	60,216	60,175	60,220	60,221	61,222	62,082	60,651	60,647	60,650	60,645	60,641	62,058	62,058	1,876,966
Net Power Output (kWhr)	58,144	58,174	58,294	58,280	59,158	59,940	58,622	58,642	58,610	58,688	58,738	60,016	60,058	1,811,960
Power Sold as metered by NStar, (kWhr)	57,932	57,986	58,086	58,076	58,971	59,758	58,444	58,468	58,436	58,522	58,580	59,848	59,895	1,803,234
Offgrid RECs (kWhr)	2,072	2,000	1,926	1,942	2,064	2,142	2,029	2,005	2,040	1,957	1,903	2,042	2,000	65,006
Calculated Performance Results														
Daily														
Power output (kW average when running)														
Generator 1	838	836	838	838	838	838	838	838	838	838	838	838	831	
Generator 2	-	79	-	-	689	846	848	848	848	848	848	848	849	
Generator 3	842	842	842	842	842	842	842	842	842	842	842	842	842	
Generator 4	831	825	831	831	757	209	-	-	-	-	-	283	466	
Power output (kW average over 24-hrs)														
Facility Gross	2,509	2,507	2,509	2,509	2,551	2,587	2,527	2,527	2,527	2,527	2,527	2,586	2,586	
Facility Net	2,423	2,424	2,429	2,428	2,465	2,498	2,443	2,443	2,442	2,445	2,447	2,501	2,502	
In-plant load	86	83	80	81	86	89	85	84	85	82	79	85	83	
Daily availability factor														
Facility	76%	77%	75%	75%	80%	82%	75%	75%	75%	75%	75%	80%	80%	
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	92%	
Engine 2	4%	8%	0%	0%	63%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 4	100%	100%	100%	100%	58%	29%	0%	0%	0%	0%	0%	21%	29%	
Daily capacity factor														
Facility	76%	76%	76%	76%	77%	78%	77%	77%	77%	77%	77%	78%	78%	
Engine 1	102%	101%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	101%	
Engine 2	0%	10%	0%	0%	84%	103%	103%	103%	103%	103%	103%	103%	103%	
Engine 3	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	
Engine 4	101%	100%	101%	101%	92%	25%	0%	0%	0%	0%	0%	34%	56%	
Cumulative by engine														
Engine operating run hours in the month														
Max Cumulative Available, hours	456	480	504	528	552	576	600	624	648	672	696	720	696	
Engine 1	456	480	504	528	552	576	600	624	648	672	696	720	694	
Engine 2	20	22	22	22	37	61	85	109	133	157	181	205	181	
Engine 3	454	478	502	526	550	574	598	622	646	670	694	718	694	
Engine 4	456	480	504	528	542	549	549	549	549	549	549	554	556	
Engine operating run hours total from 0 hours														
Engine 1	55,793	55,817	55,841	55,865	55,889	55,913	55,937	55,961	55,985	56,009	56,033	56,057	56,271	
Engine 2	52,728	52,730	52,730	52,730	52,745	52,769	52,793	52,817	52,841	52,865	52,889	52,913	52,646	
Engine 3	52,362	52,386	52,410	52,434	52,458	52,482	52,506	52,530	52,554	52,578	52,602	52,626	52,802	
Engine 4	51,341	51,365	51,389	51,413	51,427	51,434	51,434	51,434	51,434	51,434	51,434	51,439	51,570	
Cumulative availability, %														
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 2	4%	5%	4%	4%	7%	11%	14%	17%	21%	23%	26%	28%	26%	
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 4	100%	100%	100%	100%	98%	95%	92%	88%	85%	82%	79%	77%	80%	
Engine cumulative gross output, kWhr														
Max cumulative capacity one engine	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	15,914	16,751	17,589	18,427	19,266	20,103	20,941	21,779	22,617	23,455	24,292	25,130	24,285	
Engine 2	1,272	1,351	1,351	1,351	2,040	2,886	3,734	4,582	5,431	6,279	7,127	7,975	7,127	
Engine 3	15,986	16,828	17,670	18,512	19,354	20,196	21,038	21,881	22,723	23,565	24,407	25,250	24,407	
Engine 4	15,749	16,575	17,405	18,236	18,993	19,203	19,203	19,203	19,203	19,203	19,203	19,486	19,668	
Cumulative capacity factor, %														
Engine 1	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	
Engine 2	8%	8%	8%	7%	11%	15%	18%	21%	24%	27%	30%	32%	30%	
Engine 3	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	
Engine 4	100%	100%	100%	100%	100%	97%	93%	90%	86%	83%	80%	79%	82%	
Cumulative by Facility in month														
Max cumulative available engine run hours	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	1,386	1,460	1,532	1,604	1,681	1,760	1,832	1,904	1,976	2,048	2,120	2,197	2,125	
Cumulative Availability, %	76.0%	76.0%	76.0%	75.9%	76.1%	76.4%	76.3%	76.3%	76.2%	76.2%	76.1%	76.3%	76.3%	
Max cumulative gross output, kWhr	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, kWhr	1,145,696	1,205,871	1,266,091	1,326,312	1,387,534	1,449,616	1,510,267	1,570,914	1,631,564	1,692,209	1,752,850	1,814,908	1,754,267	
Cumulative Capacity Factor	76.1%	76.1%	76.1%	76.1%	76.2%	76.3%	76.3%	76.3%	76.3%	76.3%	76.3%	76.4%	76.4%	
Cumulative fuel input, MMBtu HHV	13,920	14,657	15,393	16,123	16,877	17,653	18,397	19,147	19,891	20,644	21,400	22,156	21,420	
Cumulative gross output, kWhr	1,145,696	1,205,871	1,266,091	1,326,312	1,387,534	1,449,616	1,510,267	1,570,914	1,631,564	1,692,209	1,752,850	1,814,908	1,754,267	

	Thursday 7/19/2012	Friday 7/20/2012	Saturday 7/21/2012	Sunday 7/22/2012	Monday 7/23/2012	Tuesday 7/24/2012	Wednesday 7/25/2012	Thursday 7/26/2012	Friday 7/27/2012	Saturday 7/28/2012	Sunday 7/29/2012	Monday 7/30/2012	Tuesday 7/31/2012	TOTAL
Heat Rate														
Daily heat rate, Btu/kWe gross LHV	10,974	11,024	11,004	10,903	11,096	11,245	11,037	11,138	11,038	11,188	11,215	10,969	11,243	
Daily heat rate, Btu/kWe gross HHV	12,191	12,246	12,224	12,112	12,326	12,492	12,260	12,373	12,262	12,428	12,459	12,185	12,490	
Cumulative heat rate, Btu/kWe gross LHV	10,938	10,942	10,945	10,943	10,950	10,962	10,965	10,972	10,974	10,982	10,990	10,989	10,991	
Cumulative heat rate, Btu/kWe gross HHV	12,150	12,155	12,158	12,156	12,164	12,178	12,181	12,188	12,191	12,200	12,209	12,208	12,210	
Cumulative by Facility starting Calendar Year														
Max cumulative available engine run hours	18,912	19,008	19,104	19,200	19,296	19,392	19,488	19,584	19,680	19,776	19,872	19,968	19,872	
Actual cumulative engine run hours	15,828	15,902	15,974	16,046	16,123	16,202	16,274	16,346	16,418	16,490	16,562	16,639	16,567	
Cumulative Availability, %	83.7%	83.7%	83.6%	83.6%	83.6%	83.5%	83.5%	83.5%	83.4%	83.4%	83.3%	83.3%	83.4%	
Max cumulative gross output, kWhr	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	16,315,200	16,394,400	16,473,600	16,394,400	
Actual cumulative gross output, kWhr	11,909,055	11,969,230	12,029,450	12,089,671	12,150,893	12,212,975	12,273,626	12,334,273	12,394,923	12,455,568	12,516,209	12,578,267	12,517,626	
Cumulative Capacity Factor	76.3%	76.3%	76.3%	76.3%	76.3%	76.3%	76.3%	76.3%	76.3%	76.3%	76.3%	76.4%	76.4%	
Cumulative fuel input, MMBtu HHV	151,441	152,178	152,914	153,643	154,398	155,173	155,917	156,667	157,411	158,165	158,920	159,677	158,940	
Cumulative gross output, kWhr	11,909,055	11,969,230	12,029,450	12,089,671	12,150,893	12,212,975	12,273,626	12,334,273	12,394,923	12,455,568	12,516,209	12,578,267	12,517,626	
Cumulative heat rate, Btu/kWe gross LHV	11,447	11,445	11,443	11,440	11,439	11,438	11,436	11,434	11,432	11,431	11,430	11,428	11,430	
Cumulative heat rate, Btu/kWe gross HHV	12,716	12,714	12,712	12,709	12,707	12,706	12,703	12,702	12,700	12,698	12,697	12,695	12,697	
Service														
Engine 1														
Engine 2														
Engine 3														
Engine 4														
Oil - oil and filter change														
Service - plugs, air filter, valve inspection and adjust														
Precipitation														
NSTAR Power Reports	Thursday 7/19/2012	Friday 7/20/2012	Saturday 7/21/2012	Sunday 7/22/2012	Monday 7/23/2012	Tuesday 7/24/2012	Wednesday 7/25/2012	Thursday 7/26/2012	Friday 7/27/2012	Saturday 7/28/2012	Sunday 7/29/2012	Monday 7/30/2012	Tuesday 7/31/2012	TOTAL
Date														
Hour														
1	2,411	2,418	2,423	2,423	2,419	2,438	2,437	2,437	2,436	2,438	2,441	2,441	2,443	
2	2,411	2,418	2,423	2,424	2,421	2,438	2,436	2,437	2,436	2,438	2,441	2,442	2,443	
3	2,411	2,417	2,423	2,423	2,421	2,437	2,436	2,437	2,435	2,438	2,441	2,442	2,444	
4	2,411	2,418	2,424	2,423	2,422	2,437	2,437	2,437	2,435	2,439	2,441	2,443	2,444	
5	2,412	2,418	2,425	2,424	2,422	2,437	2,439	2,439	2,435	2,439	2,441	2,444	2,445	
6	2,413	2,419	2,425	2,425	2,423	2,439	2,439	2,439	2,435	2,440	2,441	2,444	2,446	
7	2,414	2,419	2,425	2,425	2,421	2,440	2,440	2,439	2,436	2,440	2,441	2,443	2,446	
8	2,414	2,418	2,423	2,420	2,420	2,440	2,435	2,437	2,435	2,439	2,441	2,442	2,445	
9	2,410	2,381	2,420	2,419	2,419	2,455	2,430	2,434	2,435	2,437	2,442	2,438	2,506	
10	2,409	2,409	2,418	2,418	2,557	2,628	2,431	2,433	2,432	2,437	2,442	2,458	2,718	
11	2,414	2,403	2,417	2,417	2,597	2,623	2,430	2,433	2,430	2,437	2,440	2,754	2,668	
12	2,412	2,412	2,417	2,417	2,594	2,623	2,430	2,434	2,430	2,436	2,440	2,741	2,667	
13	2,411	2,414	2,416	2,417	2,577	2,621	2,431	2,434	2,431	2,437	2,440	2,709	2,592	
14	2,412	2,417	2,416	2,416	2,498	2,612	2,431	2,434	2,431	2,436	2,440	2,619	2,406	
15	2,412	2,419	2,417	2,417	2,432	2,612	2,435	2,437	2,434	2,437	2,440	2,618	2,613	
16	2,416	2,421	2,417	2,417	2,434	2,601	2,435	2,437	2,436	2,437	2,442	2,448	2,626	
17	2,418	2,421	2,417	2,418	2,436	2,419	2,436	2,437	2,436	2,439	2,440	2,438	2,440	
18	2,417	2,421	2,417	2,419	2,436	2,437	2,436	2,436	2,438	2,439	2,441	2,439	2,442	
19	2,418	2,419	2,419	2,419	2,437	2,438	2,437	2,437	2,437	2,439	2,441	2,440	2,442	
20	2,418	2,421	2,419	2,419	2,438	2,438	2,437	2,436	2,438	2,439	2,441	2,441	2,443	
21	2,417	2,421	2,419	2,419	2,437	2,437	2,436	2,436	2,437	2,439	2,442	2,440	2,444	
22	2,417	2,420	2,421	2,419	2,437	2,436	2,437	2,436	2,436	2,441	2,441	2,440	2,445	
23	2,417	2,421	2,422	2,419	2,436	2,436	2,436	2,436	2,436	2,440	2,440	2,442	2,443	
24	2,417	2,421	2,423	2,419	2,437	2,436	2,437	2,436	2,436	2,441	2,440	2,442	2,444	
TOTAL	57,932	57,986	58,086	58,076	58,971	59,758	58,444	58,468	58,436	58,522	58,580	59,848	59,895	
Cumulative Output Sold, kWhr	1,098,164	1,156,150	1,214,236	1,272,312	1,331,283	1,391,041	1,449,485	1,507,953	1,566,389	1,624,911	1,683,491	1,743,339	1,803,234	
Transformer and line efficiency	99.6%	99.7%	99.6%	99.6%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	0.0%
Hourly average	2,414	2,416	2,420	2,420	2,457	2,490	2,435	2,436	2,435	2,438	2,441	2,494	2,496	2,424

AUGUST 2012																
CNBE Daily Reports Summary Data																
		Wednesday 8/1/2012	Thursday 8/2/2012	Friday 8/3/2012	Saturday 8/4/2012	Sunday 8/5/2012	Monday 8/6/2012	Tuesday 8/7/2012	Wednesday 8/8/2012	Thursday 8/9/2012	Friday 8/10/2012	Saturday 8/11/2012	Sunday 8/12/2012	Monday 8/13/2012	Tuesday 8/14/2012	Wednesday 8/15/2012
Landfill Gas Flow to the Engines (KSCF)		1,473	1,477	1,426	1,405	1,378	1,468	1,471	1,414	1,408	1,399	1,412	1,346	1,473	1,544	1,471
Landfill Gas Flow to the Engines (MMBTU HHV)		807	794	778	766	768	799	787	769	770	783	811	774	821	821	799
Landfill Gas Flow to the Flare (KSCF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Flow to the Flare (MMBTU HHV)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Total Flow (KSCF)		1,473	1,477	1,426	1,405	1,378	1,468	1,471	1,414	1,408	1,399	1,412	1,346	1,473	1,544	1,471
Landfill Gas Total Flow (MMBTU HHV)		807	794	778	766	768	799	787	769	770	783	811	774	821	821	799
Average Methane Content (%)		54.1	53.1	53.9	53.9	55.1	53.8	52.9	53.8	54.1	55.3	56.7	56.8	55.1	52.5	53.6
Engine 1 Hours		24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Engine 2 Hours		24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Engine 3 Hours		24	24	24	24	24	24	24	24	24	24	23	24	24	24	24
Engine 4 Hours		16	10	3	-	-	16	9	7	7	5	-	-	16	24	6
Generator 1 Power Output (kW/hr)		20,106	20,107	20,110	20,111	20,108	20,107	20,109	20,111	20,110	19,822	20,111	20,110	20,096	20,119	20,106
Generator 2 Power Output (kW/hr)		20,356	20,353	20,355	20,357	20,359	20,355	20,350	20,352	20,352	20,074	20,357	20,355	20,339	20,366	20,353
Generator 3 Power Output (kW/hr)		20,212	19,954	20,219	20,218	20,217	20,217	20,033	20,214	20,215	19,936	19,210	20,214	20,199	20,225	20,214
Generator 4 Power Output (kW/hr)		4,076	2,363	725	-	-	3,331	1,720	1,392	1,366	1,334	-	-	3,492	3,252	1,046
Gross Power Output (kW/hr)		64,715	62,757	61,387	60,683	60,679	63,994	62,200	62,059	62,039	61,152	59,667	60,660	64,106	63,948	61,701
Net Power Output (kW/hr)		62,482	60,570	59,332	58,716	58,754	61,766	60,070	59,954	59,926	59,128	57,820	58,812	61,952	61,570	59,524
Power Sold as metered by NStar, (kW/hr)		62,297	60,395	59,149	58,519	58,560	61,563	59,889	59,759	59,731	58,943	57,638	58,630	61,795	61,336	59,342
Offgrid RECs (kW/hr)		2,233	2,187	2,055	1,966	1,924	2,229	2,130	2,104	2,114	2,023	1,848	1,848	2,156	2,376	2,177
Calculated Performance Results																
Daily																
Power output (kW average when running)																
Generator 1		838	838	838	838	838	838	838	838	826	838	838	838	837	838	838
Generator 2		848	848	848	848	848	848	848	848	836	848	848	848	847	849	848
Generator 3		842	831	842	842	842	842	835	842	842	831	835	842	842	843	842
Generator 4		255	236	242	-	-	208	191	199	195	267	-	-	218	136	174
Power output (kW average over 24-hrs)																
Facility Gross		2,696	2,615	2,558	2,528	2,528	2,666	2,592	2,586	2,585	2,548	2,486	2,528	2,671	2,665	2,571
Facility Net		2,603	2,524	2,472	2,447	2,448	2,574	2,503	2,498	2,497	2,464	2,409	2,451	2,581	2,565	2,480
In-plant load		93	91	86	82	80	93	89	88	88	84	77	77	90	99	91
Daily availability factor																
Facility		92%	85%	78%	75%	75%	92%	84%	82%	82%	80%	74%	75%	92%	100%	81%
Engine 1		100%	100%	100%	100%	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%
Engine 3		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	100%
Engine 4		67%	42%	13%	0%	0%	67%	38%	29%	29%	21%	0%	0%	67%	100%	25%
Daily capacity factor																
Facility		82%	79%	78%	77%	77%	81%	79%	78%	78%	77%	75%	77%	81%	81%	78%
Engine 1		102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	101%	102%	102%
Engine 2		103%	103%	103%	103%	103%	103%	103%	103%	103%	103%	103%	103%	103%	103%	103%
Engine 3		102%	101%	102%	102%	102%	102%	101%	102%	102%	101%	101%	102%	102%	102%	102%
Engine 4		31%	29%	29%	0%	0%	25%	23%	24%	24%	32%	0%	0%	26%	16%	21%
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	264	288	312	336	360
Engine 2		24	48	72	96	120	144	168	192	216	240	264	288	312	336	360
Engine 3		24	48	72	96	120	144	168	192	216	240	263	287	311	335	359
Engine 4		16	26	29	29	29	45	54	61	68	73	73	73	89	113	119
Engine operating run hours total from 0 hours																
Engine 1	56,271	56,295	56,319	56,343	56,367	56,391	56,415	56,439	56,463	56,487	56,511	56,535	56,559	56,583	56,607	56,631
Engine 2	52,646	52,670	52,694	52,718	52,742	52,766	52,790	52,814	52,838	52,862	52,886	52,910	52,934	52,958	52,982	53,006
Engine 3	52,802	52,826	52,850	52,874	52,898	52,922	52,946	52,970	52,994	53,018	53,042	53,065	53,089	53,113	53,137	53,161
Engine 4	51,570	51,586	51,596	51,599	51,599	51,599	51,615	51,624	51,631	51,638	51,643	51,643	51,643	51,659	51,683	51,689
Cumulative availability, %	August 1, 2012 @ 00:00 hours															
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%	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	67%	54%	40%	30%	24%	31%	32%	32%	31%	30%	28%	25%	29%	34%	33%	
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
Engine 1		838	1,676	2,513	3,351	4,189	5,027	5,865	6,703	7,541	8,367	9,205	10,043	10,880	11,718	12,556
Engine 2		848	1,696	2,544	3,393	4,241	5,089	5,937	6,785	7,633	8,469	9,318	10,166	11,013	11,862	12,710
Engine 3		842	1,674	2,516	3,358	4,201	5,043	5,878	6,720	7,562	8,393	9,228	10,071	10,912	11,755	12,597
Engine 4		255	491	733	733	733	941	1,132	1,331	1,526	1,793	1,793	1,793	2,011	2,147	2,321
Cumulative capacity factor, %																
Engine 1		102%	102%	102%	102%	102%	102%	102%	102%	102%	101%	101%	101%	101%	101%	101%
Engine 2		103%	103%	103%	103%	103%	103%	103%	103%	103%	103%	103%	103%	103%	103%	103%
Engine 3		102%	101%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%
Engine 4		31%	30%	30%	22%	18%	19%	20%	20%	21%	22%	20%	18%	19%	19%	19%

		Wednesday 8/1/2012	Thursday 8/2/2012	Friday 8/3/2012	Saturday 8/4/2012	Sunday 8/5/2012	Monday 8/6/2012	Tuesday 8/7/2012	Wednesday 8/8/2012	Thursday 8/9/2012	Friday 8/10/2012	Saturday 8/11/2012	Sunday 8/12/2012	Monday 8/13/2012	Tuesday 8/14/2012	Wednesday 8/15/2012
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		88	170	245	317	389	477	558	637	716	793	864	936	1,024	1,120	1,198
Cumulative Availability, %		91.7%	88.5%	85.1%	82.6%	81.0%	82.8%	83.0%	82.9%	82.9%	82.6%	81.8%	81.3%	82.1%	83.3%	83.2%
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		64,715	127,472	188,859	249,542	310,221	374,215	436,415	498,474	560,513	621,665	681,332	741,992	806,098	870,046	931,747
Cumulative Capacity Factor		81.7%	80.5%	79.5%	78.8%	78.3%	78.7%	78.7%	78.7%	78.6%	78.5%	78.2%	78.1%	78.3%	78.5%	78.4%
Cumulative fuel input, MMBtu HHV		807	1,601	2,379	3,144	3,912	4,711	5,498	6,267	7,038	7,820	8,631	9,405	10,226	11,047	11,845
Cumulative gross output, kWhr		64,715	127,472	188,859	249,542	310,221	374,215	436,415	498,474	560,513	621,665	681,332	741,992	806,098	870,046	931,747
Heat Rate																
Daily heat rate, Btu/kWe gross LHV		11,223	11,388	11,406	11,362	11,392	11,241	11,390	11,155	11,177	11,519	12,230	11,489	11,526	11,554	11,650
Daily heat rate, Btu/kWe gross HHV		12,467	12,650	12,670	12,621	12,655	12,487	12,653	12,391	12,416	12,796	13,585	12,763	12,804	12,835	12,941
Cumulative heat rate, Btu/kWe gross LHV		11,223	11,304	11,337	11,343	11,353	11,334	11,342	11,318	11,303	11,324	11,403	11,410	11,420	11,429	11,444
Cumulative heat rate, Btu/kWe gross HHV		12,467	12,557	12,594	12,601	12,611	12,590	12,599	12,573	12,556	12,579	12,668	12,675	12,686	12,697	12,713
Cumulative by Facility starting Calendar Year																
Max cumulative available engine run hours		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	21,216	21,312
Actual cumulative engine run hours		16,655	16,737	16,812	16,884	16,956	17,044	17,125	17,204	17,283	17,360	17,431	17,503	17,591	17,687	17,765
Cumulative Availability, %		83.4%	83.4%	83.4%	83.4%	83.3%	83.4%	83.4%	83.4%	83.3%	83.3%	83.3%	83.3%	83.3%	83.4%	83.4%
Max cumulative gross output, kWhr		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	17,503,200	17,582,400
Actual cumulative gross output, kWhr		12,582,341	12,645,098	12,706,485	12,767,168	12,827,847	12,891,841	12,954,041	13,016,100	13,078,139	13,139,291	13,198,958	13,259,618	13,323,724	13,387,672	13,449,373
Cumulative Capacity Factor		76.4%	76.4%	76.4%	76.4%	76.4%	76.4%	76.4%	76.4%	76.4%	76.5%	76.4%	76.4%	76.5%	76.5%	76.5%
Cumulative fuel input, MMBtu HHV		159,747	160,541	161,318	162,084	162,852	163,651	164,438	165,207	165,978	166,760	167,571	168,345	169,166	169,987	170,785
Cumulative gross output, kWhr		12,582,341	12,645,098	12,706,485	12,767,168	12,827,847	12,891,841	12,954,041	13,016,100	13,078,139	13,139,291	13,198,958	13,259,618	13,323,724	13,387,672	13,449,373
Cumulative heat rate, Btu/kWe gross LHV		11,429	11,429	11,429	11,428	11,428	11,427	11,427	11,426	11,425	11,425	11,429	11,429	11,429	11,430	11,431
Cumulative heat rate, Btu/kWe gross HHV		12,696	12,696	12,696	12,695	12,695	12,694	12,694	12,693	12,691	12,692	12,696	12,696	12,697	12,697	12,698
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 8/1/2012	Thursday 8/2/2012	Friday 8/3/2012	Saturday 8/4/2012	Sunday 8/5/2012	Monday 8/6/2012	Tuesday 8/7/2012	Wednesday 8/8/2012	Thursday 8/9/2012	Friday 8/10/2012	Saturday 8/11/2012	Sunday 8/12/2012	Monday 8/13/2012	Tuesday 8/14/2012	Wednesday 8/15/2012
Date																
Hour																
1		2,444	2,672	2,439	2,439	2,439	2,440	2,625	2,439	2,439	2,439	2,441	2,442	2,444	2,629	2,425
2		2,443	2,671	2,439	2,439	2,439	2,440	2,626	2,440	2,439	2,439	2,441	2,443	2,443	2,629	2,425
3		2,443	2,671	2,439	2,439	2,439	2,440	2,626	2,440	2,440	2,439	2,443	2,442	2,444	2,629	2,425
4		2,444	2,671	2,439	2,439	2,440	2,441	2,628	2,442	2,440	2,439	2,443	2,443	2,443	2,629	2,427
5		2,443	2,633	2,440	2,439	2,440	2,441	2,619	2,442	2,440	2,439	2,443	2,442	2,444	2,629	2,427
6		2,445	2,623	2,440	2,440	2,440	2,442	2,579	2,442	2,442	2,440	2,443	2,443	2,445	2,629	2,428
7		2,446	2,623	2,440	2,439	2,441	2,443	2,580	2,443	2,443	2,440	2,444	2,443	2,445	2,630	2,427
8		2,443	2,623	2,440	2,439	2,440	2,442	2,579	2,441	2,440	2,439	2,443	2,444	2,444	2,628	2,426
9		2,551	2,600	2,439	2,439	2,440	2,567	2,480	2,569	2,542	2,449	2,443	2,444	2,511	2,622	2,432
10		2,718	2,508	2,554	2,437	2,440	2,691	2,431	2,624	2,619	2,628	2,443	2,444	2,720	2,617	2,435
11		2,714	2,428	2,618	2,436	2,439	2,665	2,432	2,622	2,617	2,622	2,443	2,443	2,717	2,619	2,626
12		2,713	2,429	2,615	2,436	2,439	2,622	2,431	2,619	2,615	2,699	2,443	2,443	2,715	2,619	2,620
13		2,682	2,431	2,598	2,435	2,439	2,621	2,432	2,619	2,616	2,713	2,441	2,443	2,655	2,618	2,618
14		2,666	2,433	2,430	2,435	2,439	2,621	2,433	2,617	2,615	2,712	2,441	2,442	2,630	2,618	2,617
15		2,665	2,433	2,434	2,435	2,440	2,624	2,434	2,616	2,614	1,617	2,440	2,442	2,631	2,619	2,619
16		2,668	2,434	2,435	2,437	2,441	2,625	2,438	2,443	2,459	2,443	2,441	2,443	2,631	2,566	2,451
17		2,669	2,438	2,437	2,438	2,441	2,625	2,439	2,436	2,437	2,444	1,629	2,442	2,629	2,424	2,437
18		2,671	2,439	2,438	2,439	2,441	2,625	2,439	2,437	2,438	2,445	2,282	2,443	2,629	2,426	2,439
19		2,671	2,439	2,440	2,439	2,441	2,625	2,440	2,437	2,440	2,444	2,443	2,443	2,629	2,426	2,440
20		2,672	2,440	2,440	2,440	2,441	2,626	2,440	2,438	2,440	2,444	2,443	2,444	2,630	2,427	2,440
21		2,671	2,440	2,439	2,440	2,440	2,624	2,440	2,439	2,439	2,443	2,442	2,443	2,630	2,426	2,440
22		2,672	2,439	2,438	2,440	2,440	2,624	2,439	2,438	2,439	2,442	2,441	2,443	2,628	2,426	2,439
23		2,671	2,439	2,439	2,440	2,440	2,624	2,439	2,437	2,439	2,442	2,441	2,443	2,629	2,425	2,439
24		2,672	2,438	2,439	2,440	2,440	2,625	2,440	2,439	2,439	2,442	2,441	2,443	2,629	2,426	2,440
TOTAL		62,297	60,395	59,149	58,519	58,560	61,563	59,889	59,759	59,731	58,943	57,638	58,630	61,795	61,336	59,342
Cumulative Output Sold, kWhr		62,297	122,692	181,841	240,360	298,920	360,483	420,372	480,131	539,862	598,805	656,443	715,073	776,868	838,204	897,546
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%	99.6%	99.7%
Hourly average		2,596	2,516	2,465	2,438	2,440	2,565	2,495	2,490	2,489	2,456	2,402	2,443	2,575	2,556	2,473

AUGUST 2012																		
CNBE Daily Reports Summary Data																		
		Thursday 8/16/2012	Friday 8/17/2012	Saturday 8/18/2012	Sunday 8/19/2012	Monday 8/20/2012	Tuesday 8/21/2012	Wednesday 8/22/2012	Thursday 8/23/2012	Friday 8/24/2012	Saturday 8/25/2012	Sunday 8/26/2012	Monday 8/27/2012	Tuesday 8/28/2012	Wednesday 8/29/2012	Thursday 8/30/2012	Friday 8/31/2012	TOTAL
Landfill Gas Flow to the Engines (KS)		1,385	1,375	1,307	1,320	1,308	1,351	1,380	1,523	1,558	1,537	1,478	1,522	1,537	1,555	1,542	1,538	44,782
Landfill Gas Flow to the Engines (MM		790	784	760	772	766	770	784	837	820	793	778	813	824	803	791	804	24,533
Landfill Gas Flow to the Flare (KSCF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Flow to the Flare (MMB		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Total Flow (KSCF)		1,385	1,375	1,307	1,320	1,308	1,351	1,380	1,523	1,558	1,537	1,478	1,522	1,537	1,555	1,542	1,538	44,782
Landfill Gas Total Flow (MMBTU HH		790	784	760	772	766	770	784	837	820	793	778	813	824	803	791	804	24,533
Average Methane Content (%)		56.4	56.3	57.4	57.8	57.8	56.3	56.1	54.3	52.0	51.0	52.0	52.8	53.0	51.0	50.7	51.7	54.1
Engine 1 Hours		24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	744
Engine 2 Hours		24	14	-	-	1	2	6	16	20	24	24	24	24	24	24	24	611
Engine 3 Hours		24	24	24	24	24	24	24	24	24	24	24	24	24	24	23	24	742
Engine 4 Hours		-	14	24	24	24	24	24	24	24	24	24	24	24	24	24	24	469
Generator 1 Power Output (kWhr)		20,108	20,112	20,121	20,124	20,167	20,239	20,239	20,234	19,298	16,394	15,396	15,398	15,397	15,398	15,668	15,396	591,032
Generator 2 Power Output (kWhr)		20,353	11,143	-	-	20	411	1,132	5,082	4,821	5,532	5,956	7,510	9,191	8,162	8,138	5,958	398,442
Generator 3 Power Output (kWhr)		20,211	20,209	20,210	20,205	20,251	20,329	20,329	20,329	20,095	20,209	20,209	20,210	20,212	20,208	19,104	20,186	624,003
Generator 4 Power Output (kWhr)		-	9,203	19,892	19,893	19,896	19,831	19,899	19,906	19,735	19,761	19,931	19,930	19,907	19,921	19,806	19,792	311,400
Gross Power Output (kWhr)		60,654	60,627	60,163	60,168	60,269	60,754	61,543	65,485	63,890	61,849	61,444	62,988	64,638	63,633	62,656	61,283	1,923,791
Net Power Output (kWhr)		58,768	58,660	58,348	58,386	58,450	58,810	59,590	63,276	61,556	59,548	59,270	60,764	62,298	61,258	60,292	59,022	1,858,672
Power Sold as metered by NStar, (k		58,583	58,475	58,154	58,187	58,254	58,600	59,378	63,054	61,354	59,335	59,052	60,550	62,087	61,052	60,091	58,809	1,852,561
Offgrid RECs (kWhr)		1,886	1,966	1,816	1,781	1,819	1,945	1,953	2,209	2,334	2,301	2,174	2,224	2,340	2,375	2,364	2,261	65,118
Calculated Performance Results																		
Daily																		
Power output (kW average when																		
Generator 1		838	838	838	839	840	843	843	843	804	683	642	642	642	642	653	642	
Generator 2		848	796	-	-	20	206	189	318	241	231	248	313	383	340	339	248	
Generator 3		842	842	842	842	844	847	847	847	837	842	842	842	842	842	831	841	
Generator 4		-	657	829	829	829	826	829	829	822	823	830	830	829	830	825	825	
Power output (kW average over																		
Facility Gross		2,527	2,526	2,507	2,507	2,511	2,531	2,564	2,729	2,662	2,577	2,560	2,625	2,693	2,651	2,611	2,553	
Facility Net		2,449	2,444	2,431	2,433	2,435	2,450	2,483	2,637	2,565	2,481	2,470	2,532	2,596	2,552	2,512	2,459	
In-plant load		79	82	76	74	76	81	81	92	97	96	91	93	98	99	99	94	
Daily availability factor																		
Facility		75%	79%	75%	75%	76%	77%	81%	92%	96%	100%	100%	100%	100%	100%	99%	100%	
Engine 1		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 2		100%	58%	0%	0%	4%	8%	25%	67%	83%	100%	100%	100%	100%	100%	100%	100%	
Engine 3		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	
Engine 4		0%	58%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Daily capacity factor																		
Facility		77%	77%	76%	76%	76%	77%	78%	83%	81%	78%	78%	80%	82%	80%	79%	77%	
Engine 1		102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	
Engine 2		103%	96%	0%	0%	2%	25%	23%	39%	29%	28%	30%	38%	46%	41%	41%	30%	
Engine 3		102%	102%	102%	102%	102%	103%	103%	103%	101%	102%	102%	102%	102%	102%	101%	102%	
Engine 4		0%	80%	100%	100%	100%	100%	101%	101%	100%	100%	101%	101%	101%	101%	100%	100%	
Cumulative by engine																		
Engine operating run hours in the																		
Max Cumulative Available, h		384	408	432	456	480	504	528	552	576	600	624	648	672	696	720	696	
Engine 1		384	408	432	456	480	504	528	552	576	600	624	648	672	696	720	696	
Engine 2		384	398	398	398	399	401	407	423	443	467	491	515	539	563	587	563	
Engine 3		383	407	431	455	479	503	527	551	575	599	623	647	671	695	718	695	
Engine 4		119	133	157	181	205	229	253	277	301	325	349	373	397	421	445	421	
Engine operating run hours total																		
Engine 1		56,655	56,679	56,703	56,727	56,751	56,775	56,799	56,823	56,847	56,871	56,895	56,919	56,943	56,967	56,991	57,015	
Engine 2		53,030	53,044	53,044	53,044	53,045	53,047	53,053	53,069	53,089	53,113	53,137	53,161	53,185	53,209	53,233	53,257	
Engine 3		53,185	53,209	53,233	53,257	53,281	53,305	53,329	53,353	53,377	53,401	53,425	53,449	53,473	53,497	53,521	53,544	
Engine 4		51,689	51,703	51,727	51,751	51,775	51,799	51,823	51,847	51,871	51,895	51,919	51,943	51,967	51,991	52,015	52,039	
Cumulative availability, %																		
Engine 1		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 2		100%	98%	92%	87%	83%	80%	77%	77%	78%	79%	79%	80%	81%	81%	82%	81%	
Engine 3		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 4		31%	33%	36%	40%	43%	45%	48%	50%	52%	54%	56%	58%	59%	60%	62%	60%	
Engine cumulative gross output,																		
Max cumulative capacity one		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		13,394	14,232	15,070	15,909	16,749	17,592	18,436	19,279	20,083	20,766	21,407	22,049	22,690	23,332	23,985	23,332	
Engine 2		13,558	14,354	14,354	14,354	14,374	14,579	14,768	15,085	15,327	15,557	15,805	16,118	16,501	16,841	17,180	16,749	
Engine 3		13,439	14,281	15,123	15,965	16,809	17,656	18,503	19,350	20,188	21,030	21,872	22,714	23,556	24,398	25,228	24,397	
Engine 4		2,321	2,978	3,807	4,636	5,465	6,291	7,120	7,950	8,772	9,595	10,426	11,256	12,086	12,916	13,741	12,910	
Cumulative capacity factor, %																		
Engine 1		101%	101%	101%	101%	102%	102%	102%	102%	101%	101%	100%	99%	98%	98%	97%	98%	
Engine 2		103%	102%	97%	92%	87%	84%	81%	80%	77%	75%	74%	72%	71%	70%	69%	70%	
Engine 3		102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	
Engine 4		18%	21%	26%	30%	33%	36%	39%	42%	44%	47%	49%	51%	52%	54%	56%	54%	

	Thursday 8/16/2012	Friday 8/17/2012	Saturday 8/18/2012	Sunday 8/19/2012	Monday 8/20/2012	Tuesday 8/21/2012	Wednesday 8/22/2012	Thursday 8/23/2012	Friday 8/24/2012	Saturday 8/25/2012	Sunday 8/26/2012	Monday 8/27/2012	Tuesday 8/28/2012	Wednesday 8/29/2012	Thursday 8/30/2012	Friday 8/31/2012	TOTAL
Cumulative by Facility in month																	
Max cumulative available engine	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	1,270	1,346	1,418	1,490	1,563	1,637	1,715	1,803	1,895	1,991	2,087	2,183	2,279	2,375	2,470	2,375	
Cumulative Availability, %	82.7%	82.5%	82.1%	81.7%	81.4%	81.2%	81.2%	81.7%	82.2%	83.0%	83.6%	84.2%	84.8%	85.3%	85.8%	85.3%	
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	2,296,800	
Actual cumulative gross output, kWh	992,401	1,053,028	1,113,191	1,173,359	1,233,628	1,294,382	1,355,925	1,421,410	1,485,300	1,547,149	1,608,593	1,671,581	1,736,219	1,799,852	1,862,508	1,797,502	
Cumulative Capacity Factor	78.3%	78.2%	78.1%	78.0%	77.9%	77.8%	77.8%	78.0%	78.1%	78.1%	78.1%	78.2%	78.3%	78.4%	78.4%	78.3%	
Cumulative fuel input, MMBtu HH	12,635	13,419	14,179	14,951	15,716	16,486	17,270	18,107	18,927	19,720	20,498	21,311	22,135	22,938	23,729	22,939	
Cumulative gross output, kWhr	992,401	1,053,028	1,113,191	1,173,359	1,233,628	1,294,382	1,355,925	1,421,410	1,485,300	1,547,149	1,608,593	1,671,581	1,736,219	1,799,852	1,862,508	1,797,502	
Heat Rate																	
Daily heat rate, Btu/kWe gross L	11,729	11,638	11,367	11,547	11,437	11,408	11,462	11,503	11,559	11,543	11,394	11,623	11,478	11,356	11,367	11,809	
Daily heat rate, Btu/kWe gross H	13,030	12,928	12,627	12,827	12,705	12,672	12,733	12,778	12,841	12,823	12,657	12,912	12,751	12,615	12,628	13,118	
Cumulative heat rate, Btu/kWe g	11,461	11,472	11,466	11,470	11,469	11,466	11,465	11,467	11,471	11,474	11,471	11,477	11,477	11,473	11,469	11,488	
Cumulative heat rate, Btu/kWe g	12,732	12,743	12,737	12,742	12,740	12,737	12,737	12,739	12,743	12,746	12,743	12,749	12,749	12,744	12,741	12,762	
Cumulative by Facility starting Cal																	
Max cumulative available engine	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	22,656	22,752	22,656	
Actual cumulative engine run hours	17,837	17,913	17,985	18,057	18,130	18,204	18,282	18,370	18,462	18,558	18,654	18,750	18,846	18,942	19,037	18,942	
Cumulative Availability, %	83.3%	83.3%	83.3%	83.2%	83.2%	83.2%	83.2%	83.2%	83.3%	83.3%	83.4%	83.5%	83.5%	83.6%	83.7%	83.6%	
Max cumulative gross output, kW	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	18,691,200	18,770,400	18,691,200	
Actual cumulative gross output, kWh	13,510,027	13,570,654	13,630,817	13,690,985	13,751,254	13,812,008	13,873,551	13,939,036	14,002,926	14,064,775	14,126,219	14,189,207	14,253,845	14,317,478	14,380,134	14,315,128	
Cumulative Capacity Factor	76.5%	76.5%	76.5%	76.5%	76.5%	76.5%	76.5%	76.5%	76.5%	76.5%	76.5%	76.6%	76.6%	76.6%	76.6%	76.6%	
Cumulative fuel input, MMBtu HH	171,575	172,359	173,119	173,891	174,656	175,426	176,210	177,047	177,867	178,660	179,438	180,251	181,075	181,878	182,669	181,879	
Cumulative gross output, kWhr	13,510,027	13,570,654	13,630,817	13,690,985	13,751,254	13,812,008	13,873,551	13,939,036	14,002,926	14,064,775	14,126,219	14,189,207	14,253,845	14,317,478	14,380,134	14,315,128	
Cumulative heat rate, Btu/kWe g	11,432	11,433	11,433	11,434	11,434	11,433	11,434	11,434	11,434	11,435	11,435	11,436	11,436	11,435	11,435	11,435	
Cumulative heat rate, Btu/kWe g	12,700	12,701	12,701	12,701	12,701	12,701	12,701	12,701	12,702	12,703	12,702	12,703	12,704	12,703	12,703	12,705	
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	8/16/2012	8/17/2012	8/18/2012	8/19/2012	8/20/2012	8/21/2012	8/22/2012	8/23/2012	8/24/2012	8/25/2012	8/26/2012	8/27/2012	8/28/2012	8/29/2012	8/30/2012	8/31/2012	TOTAL
Hour																	
1	2,440	2,442	2,421	2,426	2,424	2,434	2,431	2,434	2,706	2,593	2,458	2,464	2,557	2,600	2,554	2,505	
2	2,441	2,442	2,421	2,426	2,426	2,436	2,431	2,435	2,706	2,594	2,453	2,466	2,552	2,600	2,556	2,504	
3	2,441	2,442	2,421	2,426	2,426	2,435	2,433	2,435	2,706	2,590	2,463	2,465	2,551	2,600	2,556	2,506	
4	2,442	2,442	2,422	2,427	2,426	2,436	2,433	2,435	2,706	2,588	2,456	2,465	2,557	2,601	2,556	2,506	
5	2,441	2,443	2,422	2,427	2,426	2,435	2,434	2,436	2,706	2,579	2,460	2,470	2,557	2,602	2,555	2,507	
6	2,442	2,444	2,423	2,427	2,427	2,434	2,436	2,436	2,707	2,575	2,462	2,467	2,557	2,603	2,556	2,507	
7	2,443	2,444	2,423	2,428	2,428	2,437	2,436	2,437	2,426	2,438	2,459	2,467	2,561	2,605	2,557	2,507	
8	2,441	2,443	2,424	2,426	2,428	2,435	2,434	2,435	2,316	2,199	2,462	2,467	2,557	2,601	2,554	2,505	
9	2,440	2,441	2,423	2,424	2,439	2,431	2,428	2,431	2,398	2,320	2,457	2,488	2,597	2,544	2,259	2,500	
10	2,440	2,538	2,423	2,423	2,423	2,428	2,426	2,736	2,408	2,451	2,460	2,553	2,604	2,499	2,294	2,450	
11	2,440	2,626	2,423	2,422	2,419	2,421	2,597	2,799	2,408	2,456	2,459	2,552	2,603	2,500	2,678	2,446	
12	2,439	2,624	2,423	2,423	2,418	2,417	2,609	2,799	1,919	2,456	2,460	2,552	2,604	2,500	2,526	2,459	
13	2,439	2,623	2,423	2,423	2,415	2,392	2,608	2,799	2,590	2,458	2,460	2,553	2,603	2,500	2,500	2,405	
14	2,439	1,947	2,423	2,422	2,419	2,376	2,608	2,799	2,645	2,458	2,460	2,552	2,605	2,501	2,498	2,404	
15	2,440	2,383	2,423	2,423	2,418	2,556	2,608	2,798	2,640	2,458	2,460	2,552	2,603	2,501	2,457	2,408	
16	2,440	2,411	2,423	2,423	2,425	2,606	2,574	2,759	2,598	2,459	2,461	2,556	2,605	2,507	2,461	2,408	
17	2,440	2,410	2,424	2,423	2,433	2,484	2,429	2,706	2,600	2,459	2,463	2,558	2,604	2,506	2,472	2,409	
18	2,442	2,413	2,424	2,423	2,434	2,429	2,431	2,706	2,599	2,459	2,463	2,559	2,604	2,506	2,485	2,412	
19	2,443	2,417	2,424	2,424	2,433	2,429	2,431	2,708	2,598	2,460	2,463	2,559	2,604	2,507	2,502	2,411	
20	2,442	2,420	2,423	2,423	2,433	2,430	2,433	2,707	2,596	2,461	2,464	2,558	2,601	2,507	2,502	2,410	
21	2,442	2,421	2,423	2,423	2,433	2,430	2,432	2,707	2,596	2,457	2,463	2,557	2,600	2,508	2,502	2,409	
22	2,442	2,420	2,424	2,425	2,433	2,430	2,431	2,706	2,594	2,458	2,462	2,557	2,600	2,545	2,503	2,411	
23	2,442	2,419	2,426	2,425	2,433	2,429	2,432	2,705	2,594	2,455	2,462	2,556	2,600	2,554	2,504	2,410	
24	2,442	2,420	2,425	2,425	2,435	2,430	2,433	2,706	2,592	2,454	2,462	2,557	2,601	2,555	2,504	2,410	
TOTAL	58,583	58,475	58,154	58,187	58,254	58,600	59,378	63,054	61,354	59,335	59,052	60,550	62,087	61,052	60,091	58,809	
Cumulative Output Sold, kWh	956,129	1,014,604	1,072,758	1,130,945	1,189,199	1,247,799	1,307,177	1,370,231	1,431,585	1,490,920	1,549,972	1,610,522	1,672,609	1,733,661	1,793,752	1,852,561	
Transformer and line efficiency	99.7%	99.7%	99.7%	99.7%	99.7%	99.6%	99.6%	99.6%	99.7%	99.6%	99.6%	99.6%	99.7%	99.7%	99.7%	99.6%	0.0%
Hourly average	2,441	2,436	2,423	2,424	2,427	2,442	2,474	2,627	2,556	2,472	2,461	2,523	2,587	2,544	2,504	2,450	2,490

11/14/2013

		Saturday 9/1/2012	Sunday 9/2/2012	Monday 9/3/2012	Tuesday 9/4/2012	Wednesday 9/5/2012	Thursday 9/6/2012	Friday 9/7/2012	Saturday 9/8/2012	Sunday 9/9/2012	Monday 9/10/2012	Tuesday 9/11/2012	Wednesday 9/12/2012	Thursday 9/13/2012	Friday 9/14/2012	Saturday 9/15/2012
Cumulative by Facility in month																
Max cumulative available engine run hours		96	192	288	384	480	576	672	768	864	960	1,056	1,152	1,248	1,344	1,440
Actual cumulative engine run hours		96	192	288	384	479	575	671	767	863	949	1,031	1,106	1,176	1,254	1,350
Cumulative Availability, %		100.0%	100.0%	100.0%	100.0%	99.8%	99.8%	99.9%	99.9%	99.9%	98.9%	97.6%	96.0%	94.2%	93.3%	93.8%
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		59,913	120,533	182,066	244,174	307,559	371,946	435,663	498,854	562,743	624,826	686,115	743,560	801,279	862,352	927,589
Cumulative Capacity Factor		75.6%	76.1%	76.6%	77.1%	77.7%	78.3%	78.6%	78.7%	78.9%	78.9%	78.8%	78.2%	77.8%	77.8%	78.1%
Cumulative fuel input, MMBtu HHV		827	1,616	2,389	3,186	3,985	4,801	5,611	6,430	7,241	8,020	8,801	9,564	10,372	11,171	11,999
Cumulative gross output, kWhr		59,913	120,533	182,066	244,174	307,559	371,946	435,663	498,854	562,743	624,826	686,115	743,560	801,279	862,352	927,589
Heat Rate																
Daily heat rate, Btu/kWe gross LHV		12,429	11,711	11,312	11,552	11,353	11,409	11,432	11,669	11,431	11,290	11,481	11,955	12,602	11,773	11,430
Daily heat rate, Btu/kWe gross HHV		13,807	13,009	12,566	12,832	12,612	12,673	12,700	12,962	12,699	12,541	12,754	13,281	13,999	13,078	12,697
Cumulative heat rate, Btu/kWe gross LHV		12,429	12,068	11,812	11,746	11,665	11,621	11,593	11,603	11,583	11,554	11,547	11,579	11,653	11,661	11,645
Cumulative heat rate, Btu/kWe gross HHV		13,807	13,405	13,122	13,048	12,958	12,909	12,878	12,889	12,867	12,835	12,828	12,863	12,945	12,954	12,936
Cumulative by Facility starting Calendar Year																
Max cumulative available engine run hours		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	21,216	21,312
Actual cumulative engine run hours		16,663	16,759	16,855	16,951	17,046	17,142	17,238	17,334	17,430	17,516	17,598	17,673	17,743	17,821	17,917
Cumulative Availability, %		83.4%	83.5%	83.6%	83.7%	83.8%	83.8%	83.9%	84.0%	84.1%	84.1%	84.1%	84.1%	84.0%	84.0%	84.1%
Max cumulative gross output, kWhr		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	17,503,200	17,582,400
Actual cumulative gross output, kWhr		12,577,539	12,638,159	12,699,692	12,761,800	12,825,185	12,889,572	12,953,289	13,016,480	13,080,369	13,142,452	13,203,741	13,261,186	13,318,905	13,379,978	13,445,215
Cumulative Capacity Factor		76.3%	76.4%	76.4%	76.4%	76.4%	76.4%	76.4%	76.4%	76.5%	76.5%	76.5%	76.5%	76.4%	76.4%	76.5%
Cumulative fuel input, MMBtu HHV		182,706	183,495	184,268	185,065	185,865	186,681	187,490	188,309	189,120	189,899	190,681	191,443	192,251	193,050	193,878
Cumulative gross output, kWhr		14,375,041	14,435,661	14,497,194	14,559,302	14,622,687	14,687,074	14,750,791	14,813,982	14,877,871	14,939,954	15,001,243	15,058,688	15,116,407	15,177,480	15,242,717
Cumulative heat rate, Btu/kWe gross LHV		11,441	11,443	11,442	11,443	11,442	11,442	11,442	11,443	11,443	11,442	11,442	11,444	11,449	11,450	11,450
Cumulative heat rate, Btu/kWe gross HHV		12,710	12,711	12,711	12,711	12,711	12,711	12,710	12,712	12,712	12,712	12,711	12,713	12,718	12,720	12,719
Service																
Engine 1																
Engine 2													Cylinder & piston failure	New Piston/cylinder		
Engine 3																
Engine 4													Torched valve, replaced cylinder head			
Oil - oil and filter change						Thunderstorm grid trip										
Service - plugs, air filter, valve inspection and adjustment																
Precipitation																
NSTAR Power Reports																
Date		Saturday 9/1/2012	Sunday 9/2/2012	Monday 9/3/2012	Tuesday 9/4/2012	Wednesday 9/5/2012	Thursday 9/6/2012	Friday 9/7/2012	Saturday 9/8/2012	Sunday 9/9/2012	Monday 9/10/2012	Tuesday 9/11/2012	Wednesday 9/12/2012	Thursday 9/13/2012	Friday 9/14/2012	Saturday 9/15/2012
Hour																
1		2,410	2,416	2,472	2,472	2,517	2,666	2,564	2,532	2,548	2,564	2,434	2,487	2,423	2,427	2,571
2		2,386	2,416	2,473	2,472	2,517	2,667	2,562	2,465	2,466	2,564	2,434	2,488	2,403	2,428	2,571
3		2,360	2,417	2,473	2,472	2,501	2,667	2,563	2,544	2,548	2,565	2,435	2,486	2,407	2,423	2,570
4		2,362	2,417	2,472	2,461	2,433	2,667	2,563	2,558	2,560	2,565	2,436	2,487	2,415	2,423	2,569
5		2,364	2,417	2,472	2,401	2,440	2,667	2,563	2,559	2,560	2,565	2,437	2,274	2,412	2,425	2,570
6		2,399	2,418	2,472	2,387	2,443	2,669	2,563	2,561	2,560	2,565	2,435	2,364	2,410	2,426	2,571
7		2,407	2,420	2,472	2,441	2,447	2,670	2,563	2,561	2,561	2,565	2,439	2,411	2,409	2,430	2,570
8		2,403	2,418	2,471	2,470	2,456	2,649	2,562	2,560	2,563	2,565	2,440	2,423	2,414	2,428	2,570
9		2,407	2,416	2,469	2,488	2,490	2,515	2,558	2,562	2,563	2,562	2,434	2,355	2,428	2,422	2,568
10		2,406	2,414	2,467	2,511	2,515	2,513	2,558	2,561	2,561	2,560	2,432	2,375	2,423	2,421	2,569
11		2,404	2,413	2,467	2,510	2,538	2,515	2,556	2,561	2,560	2,561	2,431	1,641	2,425	2,416	2,569
12		2,405	2,415	2,467	2,510	1,900	2,517	2,557	2,561	2,561	2,502	2,431	1,614	2,424	2,411	2,568
13		2,371	2,414	2,466	2,511	2,651	2,518	2,555	2,536	2,561	2,363	2,434	1,618	2,424	2,411	2,631
14		2,344	2,413	2,466	2,515	2,666	2,518	2,554	2,459	2,562	2,306	2,454	2,256	2,027	2,411	2,658
15		2,384	2,414	2,467	2,516	2,667	2,513	2,556	2,460	2,561	2,428	2,487	2,399	601	2,410	2,657
16		2,413	2,413	2,468	2,517	2,634	2,534	2,556	2,475	2,561	2,429	2,485	2,416	2,423	2,407	2,656
17		2,414	2,436	2,468	2,516	2,597	2,564	2,561	2,496	2,560	2,431	2,485	2,420	2,426	2,407	2,656
18		2,414	2,469	2,469	2,516	2,630	2,564	2,560	2,503	2,561	2,432	2,484	2,399	2,415	2,408	2,658
19		2,415	2,470	2,471	2,515	2,661	2,563	2,531	2,500	2,562	2,433	2,486	2,400	2,414	2,564	2,659
20		2,386	2,469	2,470	2,516	2,652	2,563	2,468	2,492	2,562	2,433	2,486	2,395	2,417	2,570	2,659
21		2,380	2,468	2,471	2,515	2,665	2,562	2,509	2,506	2,564	2,434	2,486	2,396	2,421	2,570	2,660
22		2,385	2,470	2,471	2,516	2,664	2,562	2,507	2,494	2,563	2,434	2,486	2,423	2,419	2,571	2,659
23		2,410	2,472	2,471	2,515	2,665	2,562	2,553	2,529	2,562	2,433	2,486	2,426	2,421	2,570	2,660
24		2,416	2,472	2,472	2,516	2,665	2,564	2,561	2,558	2,564	2,434	2,487	2,425	2,423	2,571	2,286
TOTAL		57,445	58,377	59,277	59,779	61,014	61,969	61,203	60,593	61,354	59,693	58,964	55,378	55,824	58,950	62,335
Cumulative Output Sold, kWhr		57,445	115,822	175,099	234,878	295,892	357,861	419,064	479,657	541,011	600,704	659,668	715,046	770,870	829,820	892,155
Transformer and line efficiency		99.6%	99.6%	99.7%	99.7%	99.7%	99.7%	99.8%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.6%	99.1%
Hourly average		2,394	2,432	2,470	2,491	2,542	2,582	2,550	2,525	2,556	2,487	2,457	2,307	2,326	2,456	2,597

SEPTEMBER 2012																	
CNBE Daily Reports Summary Data																	
	Sunday 9/16/2012	Monday 9/17/2012	Tuesday 9/18/2012	Wednesday 9/19/2012	Thursday 9/20/2012	Friday 9/21/2012	Saturday 9/22/2012	Sunday 9/23/2012	Monday 9/24/2012	Tuesday 9/25/2012	Wednesday 9/26/2012	Thursday 9/27/2012	Friday 9/28/2012	Saturday 9/29/2012	Sunday 9/30/2012	TOTAL	
Landfill Gas Flow to the Engines (K	1,522	1,500	1,542	1,528	1,476	1,512	1,528	1,533	1,461	1,412	1,401	1,424	1,473	1,474	1,445		
Landfill Gas Flow to the Engines (M	807	793	816	805	779	786	796	780	744	731	747	723	759	795	795		23,655
Landfill Gas Flow to the Flare (KSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
Landfill Gas Flow to the Flare (MME	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
Landfill Gas Total Flow (KSCF)	1,522	1,500	1,542	1,528	1,476	1,512	1,528	1,533	1,461	1,412	1,401	1,424	1,473	1,474	1,445		44,745
Landfill Gas Total Flow (MMBTU H	807	793	816	805	779	786	796	780	744	731	747	723	759	795	795		23,655
Average Methane Content (%)	52.4	52.2	52.3	52.1	52.2	51.4	51.5	50.3	50.3	51.2	52.7	50.2	50.9	53.3	54.3		52.2
Engine 1 Hours	24	24	23	24	24	24	24	24	24	24	24	24	24	24	24		717
Engine 2 Hours	22	24	24	24	24	24	24	24	7	-	16	24	24	24	24		612
Engine 3 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24		720
Engine 4 Hours	24	24	24	24	24	24	24	24	24	24	9	-	14	24	24		640
Generator 1 Power Output (kWhr)	16,322	20,110	18,354	17,870	17,329	17,872	17,861	17,886	19,461	20,119	20,117	20,109	18,493	16,695	16,697		538,900
Generator 2 Power Output (kWhr)	9,605	8,764	9,038	8,751	9,585	9,578	9,573	9,590	2,811	-	12,619	20,065	18,255	16,838	16,840		274,296
Generator 3 Power Output (kWhr)	17,829	20,202	20,197	17,142	15,779	16,151	16,144	16,167	19,014	20,194	19,962	17,713	16,151	16,149	16,154		566,756
Generator 4 Power Output (kWhr)	13,728	14,261	17,678	19,121	19,722	20,014	19,917	20,004	19,824	19,372	6,596	-	8,766	15,469	15,471		480,569
Gross Power Output (kWhr)	57,323	63,213	65,246	62,880	62,411	63,598	63,468	63,629	61,085	59,653	59,281	57,923	61,689	65,153	65,153		1,859,294
Net Power Output (kWhr)	55,048	60,882	62,816	60,568	60,206	61,308	61,138	61,312	58,892	57,560	57,182	55,778	59,484	62,956	63,000		1,793,414
Power Sold as metered by NStar, (t	54,926	60,717	62,652	60,454	60,018	61,179	61,034	61,115	58,755	57,414	57,005	55,605	59,319	62,820	62,872		1,788,040
Offgrid RECs (kWhr)	2,276	2,331	2,431	2,312	2,204	2,290	2,332	2,317	2,193	2,093	2,099	2,145	2,205	2,197	2,153		65,884
Calculated Performance Results																	
Daily																	
Power output (kW average whe																	
Generator 1	680	838	798	745	722	745	744	745	811	838	838	838	771	696	696		
Generator 2	437	365	377	365	399	399	399	400	402	-	789	836	761	702	702		
Generator 3	743	842	842	714	657	673	673	674	792	841	832	738	673	673	673		
Generator 4	572	594	737	797	822	834	830	834	826	807	733	-	626	645	645		
Power output (kW average over																	
Facility Gross	2,388	2,634	2,719	2,620	2,600	2,650	2,645	2,651	2,545	2,486	2,470	2,413	2,570	2,715	2,715		
Facility Net	2,294	2,537	2,617	2,524	2,509	2,555	2,547	2,555	2,454	2,398	2,383	2,324	2,479	2,623	2,625		
In-plant load	95	97	101	96	92	95	97	97	91	87	87	89	92	92	90		
Daily availability factor																	
Facility	98%	100%	99%	100%	100%	100%	100%	100%	82%	75%	76%	75%	90%	100%	100%		
Engine 1	100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
Engine 2	92%	100%	100%	100%	100%	100%	100%	100%	29%	0%	67%	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%	100%	100%	100%	100%	100%	100%	100%	100%	38%	0%	58%	100%	100%		
Daily capacity factor																	
Facility	72%	80%	82%	79%	79%	80%	80%	80%	77%	75%	75%	73%	78%	82%	82%		
Engine 1	82%	102%	97%	90%	88%	90%	90%	90%	98%	102%	102%	102%	93%	84%	84%		
Engine 2	53%	44%	46%	44%	48%	48%	48%	48%	49%	0%	96%	101%	92%	85%	85%		
Engine 3	90%	102%	102%	87%	80%	82%	82%	82%	96%	102%	101%	89%	82%	82%	82%		
Engine 4	69%	72%	89%	97%	100%	101%	101%	101%	100%	98%	89%	0%	76%	78%	78%		
Cumulative by engine																	
Engine operating run hours in t																	
Max Cumulative Available, l	384	408	432	456	480	504	528	552	576	600	624	648	672	696	720		
Engine 1	382	406	429	453	477	501	525	549	573	597	621	645	669	693	717		
Engine 2	325	349	373	397	421	445	469	493	500	500	516	540	564	588	612		
Engine 3	384	408	432	456	480	504	528	552	576	600	624	648	672	696	720		
Engine 4	353	377	401	425	449	473	497	521	545	569	578	578	592	616	640		
Engine operating run hours tota																	
Engine 1	57,397	57,421	57,444	57,468	57,492	57,516	57,540	57,564	57,588	57,612	57,636	57,660	57,684	57,708	57,732		57,732
Engine 2	53,582	53,606	53,630	53,654	53,678	53,702	53,726	53,750	53,775	53,757	53,773	53,797	53,821	53,845	53,869		53,869
Engine 3	53,928	53,952	53,976	54,000	54,024	54,048	54,072	54,096	54,120	54,144	54,168	54,192	54,216	54,240	54,264		54,264
Engine 4	52,399	52,423	52,447	52,471	52,495	52,519	52,543	52,567	52,591	52,615	52,624	52,624	52,638	52,662	52,686		52,686
Cumulative availability, %																	
Engine 1	99%	100%	99%	99%	99%	99%	99%	99%	99%	100%	100%	100%	100%	100%	100%		
Engine 2	85%	86%	86%	87%	88%	88%	89%	89%	87%	83%	83%	83%	84%	84%	85%		
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
Engine 4	92%	92%	93%	93%	94%	94%	94%	94%	95%	95%	93%	89%	88%	89%	89%		
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	11,733	12,571	13,369	14,113	14,835	15,580	16,324	17,069	17,880	18,719	19,557	20,395	21,165	21,861	22,556		
Engine 2	5,943	6,309	6,685	7,050	7,449	7,848	8,247	8,647	9,048	9,048	9,837	10,673	11,434	12,135	12,837		
Engine 3	13,318	14,160	15,002	15,716	16,373	17,046	17,719	18,392	19,185	20,026	20,858	21,596	22,269	22,942	23,615		
Engine 4	11,654	12,248	12,985	13,781	14,603	15,437	16,267	17,100	17,926	18,734	19,467	19,467	20,093	20,737	21,382		
Cumulative capacity factor, %																	
Engine 1	89%	90%	90%	90%	90%	90%	90%	90%	90%	91%	91%	92%	92%	91%	91%		
Engine 2	45%	45%	45%	45%	45%	45%	45%	46%	46%	44%	46%	48%	49%	51%	52%		
Engine 3	101%	101%	101%	100%	99%	98%	98%	97%	97%	97%	97%	97%	96%	96%	95%		
Engine 4	88%	87%	87%	88%	89%	89%	89%	90%	90%	91%	91%	87%	87%	87%	86%		

	Sunday 9/16/2012	Monday 9/17/2012	Tuesday 9/18/2012	Wednesday 9/19/2012	Thursday 9/20/2012	Friday 9/21/2012	Saturday 9/22/2012	Sunday 9/23/2012	Monday 9/24/2012	Tuesday 9/25/2012	Wednesday 9/26/2012	Thursday 9/27/2012	Friday 9/28/2012	Saturday 9/29/2012	Sunday 9/30/2012	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	1,444	1,540	1,635	1,731	1,827	1,923	2,019	2,115	2,194	2,266	2,339	2,411	2,497	2,593	2,689	
Cumulative Availability, %	94.0%	94.4%	94.6%	94.9%	95.2%	95.4%	95.6%	95.8%	95.2%	94.4%	93.7%	93.0%	92.9%	93.1%	93.4%	
Max cumulative gross output, k	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,	984,912	1,048,125	1,113,371	1,176,251	1,238,662	1,302,260	1,365,728	1,429,357	1,490,442	1,550,095	1,609,376	1,667,299	1,728,988	1,794,141	1,859,294	
Cumulative Capacity Factor	77.7%	77.8%	78.1%	78.2%	78.2%	78.3%	78.4%	78.5%	78.4%	78.3%	78.2%	78.0%	78.0%	78.1%	78.3%	
Cumulative fuel input, MMBtu H	12,806	13,599	14,415	15,220	15,999	16,785	17,581	18,361	19,105	19,836	20,583	21,307	22,066	22,860	23,655	
Cumulative gross output, kWhr	984,912	1,048,125	1,113,371	1,176,251	1,238,662	1,302,260	1,365,728	1,429,357	1,490,442	1,550,095	1,609,376	1,667,299	1,728,988	1,794,141	1,859,294	
Heat Rate																
Daily heat rate, Btu/kWe gross l	12,670	11,289	11,258	11,523	11,235	11,125	11,294	11,038	10,970	11,031	11,343	11,239	11,079	10,979	10,980	
Daily heat rate, Btu/kWe gross l	14,075	12,540	12,507	12,801	12,480	12,359	12,546	12,262	12,186	12,254	12,601	12,486	12,307	12,196	12,197	
Cumulative heat rate, Btu/kWe	11,705	11,679	11,655	11,648	11,627	11,602	11,588	11,564	11,539	11,520	11,513	11,504	11,489	11,470	11,453	
Cumulative heat rate, Btu/kWe	13,002	12,974	12,947	12,939	12,916	12,889	12,873	12,846	12,819	12,797	12,790	12,779	12,762	12,742	12,723	
Cumulative by Facility starting C																
Max cumulative available engin	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	22,656	22,752	
Actual cumulative engine run h	18,011	18,107	18,202	18,298	18,394	18,490	18,586	18,682	18,761	18,833	18,906	18,978	19,064	19,160	19,256	
Cumulative Availability, %	84.1%	84.2%	84.3%	84.3%	84.4%	84.5%	84.5%	84.6%	84.6%	84.6%	84.5%	84.5%	84.5%	84.6%	84.6%	
Max cumulative gross output, k	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	18,691,200	18,770,400	
Actual cumulative gross output,	13,502,538	13,565,751	13,630,997	13,693,877	13,756,288	13,819,886	13,883,354	13,946,983	14,008,068	14,067,721	14,127,002	14,184,925	14,246,614	14,311,767	14,376,920	
Cumulative Capacity Factor	76.5%	76.5%	76.5%	76.5%	76.5%	76.5%	76.5%	76.6%	76.6%	76.6%	76.6%	76.5%	76.5%	76.6%	76.6%	
Cumulative fuel input, MMBtu H	194,685	195,478	196,294	197,099	197,878	198,664	199,460	200,240	200,985	201,716	202,463	203,186	203,945	204,740	205,534	
Cumulative gross output, kWhr	15,300,040	15,363,253	15,428,499	15,491,379	15,553,790	15,617,388	15,680,856	15,744,485	15,805,570	15,865,223	15,924,504	15,982,427	16,044,116	16,109,269	16,174,422	
Cumulative heat rate, Btu/kWe	11,455	11,454	11,453	11,453	11,452	11,451	11,450	11,449	11,447	11,445	11,445	11,444	11,443	11,441	11,439	
Cumulative heat rate, Btu/kWe	12,724	12,724	12,723	12,723	12,722	12,721	12,720	12,718	12,716	12,714	12,714	12,713	12,712	12,709	12,707	
Service																
Engine 1																
Engine 2									Top-end including another piston.							
Engine 3																
Engine 4											Top-end	Top-end				
Oil - oil and filter change																
Service - plugs, air filter, valve inspr																
Precipitation																
NSTAR Power Reports																
Date	9/16/2012	9/17/2012	9/18/2012	9/19/2012	9/20/2012	9/21/2012	9/22/2012	9/23/2012	9/24/2012	9/25/2012	9/26/2012	9/27/2012	9/28/2012	9/29/2012	9/30/2012	TOTAL
Hour																
1	2,119	2,515	2,568	2,653	2,462	2,553	2,549	2,549	2,549	2,418	2,379	2,383	2,263	2,616	2,618	
2	2,106	2,517	2,569	2,655	2,463	2,554	2,549	2,549	2,549	2,418	2,379	2,383	2,264	2,616	2,617	
3	2,128	2,516	2,569	2,654	2,463	2,554	2,549	2,549	2,549	2,417	2,378	2,383	2,263	2,617	2,618	
4	2,084	2,516	2,569	2,655	2,465	2,554	2,548	2,548	2,550	2,417	2,379	2,383	2,263	2,616	2,618	
5	2,082	2,517	2,570	2,655	2,464	2,555	2,549	2,550	2,550	2,417	2,379	2,383	2,262	2,617	2,618	
6	2,040	2,517	2,569	2,656	2,464	2,555	2,548	2,549	2,550	2,417	2,378	2,384	2,263	2,616	2,619	
7	2,042	2,518	2,571	2,657	2,465	2,554	2,548	2,548	2,551	2,417	2,379	2,383	2,262	2,619	2,618	
8	2,021	2,517	2,568	2,595	2,463	2,553	2,549	2,549	2,428	2,417	2,378	2,183	2,264	2,619	2,619	
9	2,027	2,510	2,348	2,416	2,457	2,549	2,547	2,547	2,417	2,417	2,222	2,186	2,261	2,618	2,620	
10	2,073	2,507	2,443	2,452	2,457	2,548	2,547	2,547	2,417	2,414	2,184	2,335	2,263	2,619	2,620	
11	2,314	2,506	2,624	2,454	2,456	2,546	2,546	2,545	2,415	2,410	2,397	2,414	2,627	2,618	2,621	
12	2,460	2,507	2,696	2,454	2,487	2,546	2,546	2,545	2,371	2,412	2,416	2,416	2,695	2,618	2,622	
13	2,329	2,507	2,694	2,453	2,502	2,546	2,546	2,543	2,415	2,412	2,415	2,413	2,646	2,619	2,621	
14	2,180	2,509	2,694	2,453	2,503	2,546	2,544	2,544	2,414	2,411	2,413	2,414	2,592	2,619	2,621	
15	2,294	2,511	2,695	2,453	2,503	2,544	2,544	2,544	2,410	2,380	2,411	2,335	2,608	2,618	2,621	
16	2,515	2,511	2,670	2,454	2,534	2,544	2,544	2,543	2,349	2,376	2,413	2,179	2,610	2,618	2,620	
17	2,514	2,544	2,656	2,458	2,549	2,545	2,497	2,544	2,365	2,316	2,410	2,229	2,614	2,619	2,619	
18	2,515	2,567	2,655	2,459	2,551	2,547	2,503	2,546	2,408	2,262	2,394	2,255	2,614	2,618	2,620	
19	2,514	2,568	2,655	2,461	2,551	2,548	2,537	2,545	2,414	2,377	2,384	2,254	2,612	2,617	2,621	
20	2,514	2,566	2,654	2,461	2,551	2,548	2,546	2,546	2,418	2,380	2,383	2,260	2,613	2,617	2,621	
21	2,514	2,566	2,654	2,460	2,551	2,548	2,549	2,546	2,417	2,377	2,384	2,261	2,613	2,616	2,620	
22	2,514	2,568	2,655	2,462	2,552	2,547	2,549	2,546	2,416	2,377	2,383	2,262	2,615	2,617	2,620	
23	2,513	2,568	2,653	2,462	2,552	2,547	2,550	2,546	2,416	2,376	2,383	2,263	2,616	2,616	2,620	
24	2,514	2,569	2,653	2,462	2,553	2,548	2,550	2,547	2,417	2,379	2,384	2,264	2,616	2,617	2,620	
TOTAL	54,926	60,717	62,652	60,454	60,018	61,179	61,034	61,115	58,755	57,414	57,005	55,605	59,319	62,820	62,872	
Cumulative Output Sold, kW	947,081	1,007,798	1,070,450	1,130,904	1,190,922	1,252,101	1,313,135	1,374,250	1,433,005	1,490,419	1,547,424	1,603,029	1,662,348	1,725,168	1,788,040	
Transformer and line efficienc	99.8%	99.7%	99.7%	99.8%	99.7%	99.8%	99.8%	99.7%	99.8%	99.7%	99.7%	99.7%	99.7%	99.8%	99.8%	
Hourly average	2,289	2,530	2,611	2,519	2,501	2,549	2,543	2,546	2,448	2,392	2,375	2,317	2,472	2,618	2,620	

OCTOBER 2012																	
CNBE Daily Reports Summary Data																	
		Monday 10/1/2012	Tuesday 10/2/2012	Wednesday 10/3/2012	Thursday 10/4/2012	Friday 10/5/2012	Saturday 10/6/2012	Sunday 10/7/2012	Monday 10/8/2012	Tuesday 10/9/2012	Wednesday 10/10/2012	Thursday 10/11/2012	Friday 10/12/2012	Saturday 10/13/2012	Sunday 10/14/2012	Monday 10/15/2012	
Landfill Gas Flow to the Engines (KSCF)		1,516	1,493	1,470	1,502	1,533	1,559	1,534	1,498	1,461	1,470	1,506	1,468	1,480	1,449	1,441	
Landfill Gas Flow to the Engines (MMBTU HHV)		814	773	771	777	787	791	783	754	765	787	774	759	754	761	775	
Landfill Gas Flow to the Flare (KSCF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Flow to the Flare (MMBTU HHV)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Total Flow (KSCF)		1,516	1,493	1,470	1,502	1,533	1,559	1,534	1,498	1,461	1,470	1,506	1,468	1,480	1,449	1,441	
Landfill Gas Total Flow (MMBTU HHV)		814	773	771	777	787	791	783	754	765	787	774	759	754	761	775	
Average Methane Content (%)		53.0	51.2	51.8	51.1	50.7	50.1	50.4	49.7	51.7	52.9	50.8	51.1	50.4	51.9	53.1	
Engine 1 Hours		24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
Engine 2 Hours		24	23	25	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		24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
Generator 1 Power Output (kWhr)		16,222	13,644	16,317	17,215	17,030	17,143	16,792	15,132	14,929	15,725	16,050	15,506	15,522	15,517	15,519	
Generator 2 Power Output (kWhr)		16,256	13,588	16,242	17,003	18,050	18,710	17,798	16,839	16,843	16,644	16,422	16,646	15,651	15,640	15,637	
Generator 3 Power Output (kWhr)		15,602	13,893	15,957	16,154	15,788	15,893	15,567	13,190	13,526	15,119	14,501	14,349	14,367	14,358	14,355	
Generator 4 Power Output (kWhr)		16,418	15,395	16,023	16,262	16,155	16,262	15,929	17,357	18,113	18,476	17,052	16,550	15,881	15,395	15,377	
Gross Power Output (kWhr)		64,496	56,529	64,531	66,828	67,024	67,470	66,087	62,518	63,431	65,956	64,023	63,066	61,461	60,947	60,916	
Net Power Output (kWhr)		62,166	54,248	62,274	64,438	64,984	65,416	64,076	60,634	61,534	64,012	62,010	61,058	59,468	59,046	58,956	
Power Sold as metered by NStar, (kWhr)		62,040	54,094	62,123	64,273	64,806	65,237	63,900	60,502	61,395	63,913	61,842	60,985	59,311	58,897	58,788	
Offgrid RECs (kWhr)		2,330	2,281	2,257	2,190	2,040	2,054	2,011	1,894	1,896	1,946	2,011	2,010	1,992	1,901	1,959	
Calculated Performance Results																	
Daily																	
Power output (kW average when running)																	
Generator 1		676	569	680	717	710	714	700	631	622	655	669	646	647	647	647	
Generator 2		677	591	650	708	752	780	742	702	702	694	684	694	652	652	652	
Generator 3		650	579	665	673	658	662	649	550	564	630	630	598	599	598	598	
Generator 4		684	641	668	678	673	678	664	723	755	770	711	690	662	641	641	
Power output (kW average over 24-hrs)																	
Facility Gross		2,687	2,355	2,689	2,776	2,793	2,811	2,754	2,605	2,643	2,748	2,668	2,628	2,561	2,539	2,538	
Facility Net		2,590	2,260	2,595	2,685	2,708	2,726	2,670	2,526	2,564	2,667	2,584	2,544	2,478	2,460	2,457	
In-plant load		97	95	94	91	85	86	84	79	79	81	84	84	83	79	82	
Daily availability factor																	
Facility		100%	99%	101%	100%	100%	100%	100%	100%	100%	100%	99%	100%	100%	100%	100%	
Engine 1		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 2		100%	96%	104%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 3		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	100%	
Engine 4		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Daily capacity factor																	
Facility		81%	71%	81%	84%	85%	85%	83%	79%	80%	83%	81%	80%	78%	77%	77%	
Engine 1		82%	69%	82%	87%	86%	87%	85%	76%	75%	79%	81%	78%	78%	78%	78%	
Engine 2		82%	72%	79%	86%	91%	94%	90%	85%	85%	84%	83%	84%	79%	79%	79%	
Engine 3		79%	70%	81%	82%	80%	80%	79%	67%	68%	76%	76%	72%	73%	73%	73%	
Engine 4		83%	78%	81%	82%	82%	82%	80%	88%	91%	93%	86%	84%	80%	78%	78%	
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	264	288	312	336	360	
Engine 2		24	47	72	96	120	144	168	192	216	240	264	288	312	336	360	
Engine 3		24	48	72	96	120	144	168	192	216	240	263	287	311	335	359	
Engine 4		24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	
Engine operating run hours total from 0 hours																	
Engine 1		57,732	57,756	57,780	57,804	57,828	57,852	57,876	57,900	57,924	57,948	57,972	57,996	58,020	58,044	58,068	58,092
Engine 2		53,869	53,893	53,916	53,941	53,965	53,989	54,013	54,037	54,061	54,085	54,109	54,133	54,157	54,181	54,205	54,229
Engine 3		54,264	54,288	54,312	54,336	54,360	54,384	54,408	54,432	54,456	54,480	54,504	54,527	54,551	54,575	54,599	54,623
Engine 4		52,686	52,710	52,734	52,758	52,782	52,806	52,830	52,854	52,878	52,902	52,926	52,950	52,974	52,998	53,022	53,046
Cumulative availability, % October 1, 2012 @ 00:00 hours																	
Engine 1		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 2		100%	98%	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%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
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		676	1,244	1,924	2,642	3,351	4,065	4,765	5,396	6,018	6,673	7,342	7,988	8,634	9,281	9,928	
Engine 2		677	1,268	1,918	2,626	3,378	4,158	4,900	5,601	6,303	6,996	7,681	8,374	9,026	9,678	10,330	
Engine 3		650	1,229	1,894	2,567	3,225	3,887	4,536	5,085	5,649	6,279	6,909	7,507	8,106	8,704	9,302	
Engine 4		684	1,326	1,993	2,671	3,344	4,021	4,685	5,408	6,163	6,933	7,643	8,333	8,995	9,636	10,277	
Cumulative capacity factor, %																	
Engine 1		82%	75%	78%	80%	81%	82%	83%	82%	81%	81%	81%	81%	81%	80%	80%	
Engine 2		82%	77%	77%	80%	82%	84%	85%	85%	85%	85%	85%	85%	84%	84%	83%	
Engine 3		79%	74%	77%	78%	78%	79%	79%	77%	76%	76%	76%	76%	76%	75%	75%	
Engine 4		83%	80%	81%	81%	81%	81%	81%	82%	83%	84%	84%	84%	84%	83%	83%	

		Monday 10/1/2012	Tuesday 10/2/2012	Wednesday 10/3/2012	Thursday 10/4/2012	Friday 10/5/2012	Saturday 10/6/2012	Sunday 10/7/2012	Monday 10/8/2012	Tuesday 10/9/2012	Wednesday 10/10/2012	Thursday 10/11/2012	Friday 10/12/2012	Saturday 10/13/2012	Sunday 10/14/2012	Monday 10/15/2012
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	191	288	384	480	576	672	768	864	960	1,055	1,151	1,247	1,343	1,439
Cumulative Availability, %		100.0%	99.5%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	99.9%	99.9%	99.9%	99.9%	99.9%
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		64,496	121,025	185,556	252,184	319,208	386,678	452,765	515,283	578,714	644,670	708,693	771,759	833,220	894,167	955,083
Cumulative Capacity Factor		81.4%	76.4%	78.1%	79.6%	80.6%	81.4%	81.7%	81.3%	81.2%	81.4%	81.3%	81.2%	80.9%	80.6%	80.4%
Cumulative fuel input, MMBtu HHV		814	1,586	2,357	3,134	3,921	4,712	5,495	6,249	7,013	7,800	8,574	9,333	10,087	10,848	11,622
Cumulative gross output, kWhr		64,496	121,025	185,556	252,184	319,208	386,678	452,765	515,283	578,714	644,670	708,693	771,759	833,220	894,167	955,083
Heat Rate																
Daily heat rate, Btu/kWe gross LHV		11,354	12,308	10,751	10,499	10,563	10,553	10,669	10,854	10,852	10,736	10,881	10,838	11,045	11,233	11,445
Daily heat rate, Btu/kWe gross HHV		12,613	13,673	11,943	11,663	11,735	11,723	11,852	12,057	12,056	11,926	12,088	12,040	12,270	12,478	12,714
Cumulative heat rate, Btu/kWe gross LHV		11,354	11,800	11,435	11,188	11,057	10,969	10,925	10,916	10,909	10,892	10,891	10,886	10,898	10,921	10,954
Cumulative heat rate, Btu/kWe gross HHV		12,613	13,108	12,703	12,428	12,283	12,185	12,136	12,127	12,119	12,099	12,098	12,093	12,106	12,132	12,169
Cumulative by Facility starting Calendar Year																
Max cumulative available engine run hours		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	24,096	24,192
Actual cumulative engine run hours		19,352	19,447	19,544	19,640	19,736	19,832	19,928	20,024	20,120	20,216	20,311	20,407	20,503	20,599	20,695
Cumulative Availability, %		84.7%	84.8%	84.8%	84.9%	85.0%	85.0%	85.1%	85.1%	85.2%	85.3%	85.3%	85.4%	85.4%	85.5%	85.5%
Max cumulative gross output, kWhr		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	19,879,200	19,958,400
Actual cumulative gross output, kWhr		14,441,416	14,497,945	14,562,476	14,629,104	14,696,128	14,763,598	14,829,685	14,892,203	14,955,634	15,021,590	15,085,613	15,148,679	15,210,140	15,271,087	15,332,003
Cumulative Capacity Factor		76.6%	76.6%	76.6%	76.6%	76.7%	76.7%	76.7%	76.7%	76.8%	76.8%	76.8%	76.8%	76.8%	76.8%	76.8%
Cumulative fuel input, MMBtu HHV		206,348	207,121	207,891	208,669	209,455	210,246	211,029	211,783	212,548	213,334	214,108	214,868	215,622	216,382	217,157
Cumulative gross output, kWhr		16,238,918	16,295,447	16,359,978	16,426,606	16,493,630	16,561,100	16,627,187	16,689,705	16,753,136	16,819,092	16,883,115	16,946,181	17,007,642	17,068,589	17,129,505
Cumulative heat rate, Btu/kWe gross LHV		11,439	11,442	11,439	11,435	11,432	11,428	11,425	11,423	11,421	11,418	11,416	11,414	11,413	11,412	11,412
Cumulative heat rate, Btu/kWe gross HHV		12,707	12,710	12,707	12,703	12,699	12,695	12,692	12,689	12,687	12,684	12,682	12,679	12,678	12,677	12,677
Service																
Engine 1			Swinging engines													
Engine 2			caused high													
Engine 3			heat rate.													
Engine 4			Turndown offsets were not on.													
Oil - oil and filter change																
Service - plugs, air filter, valve inspection and adjustment																
Precipitation																
NSTAR Power Reports																
Date		Monday 10/1/2012	Tuesday 10/2/2012	Wednesday 10/3/2012	Thursday 10/4/2012	Friday 10/5/2012	Saturday 10/6/2012	Sunday 10/7/2012	Monday 10/8/2012	Tuesday 10/9/2012	Wednesday 10/10/2012	Thursday 10/11/2012	Friday 10/12/2012	Saturday 10/13/2012	Sunday 10/14/2012	Monday 10/15/2012
Hour																
1		2,621	1,675	2,543	2,612	2,769	2,677	2,694	2,648	2,483	2,600	2,670	2,549	2,497	2,454	2,452
2		2,621	1,670	2,543	2,613	2,769	2,676	2,695	2,648	2,483	2,600	2,669	2,549	2,495	2,455	2,449
3		2,620	1,682	2,544	2,613	2,769	2,677	2,695	2,647	2,483	2,599	2,669	2,550	2,496	2,455	2,453
4		2,621	1,651	2,543	2,613	2,769	2,677	2,695	2,648	2,484	2,600	2,668	2,552	2,497	2,455	2,450
5		2,621	1,615	2,543	2,614	2,768	2,678	2,695	2,648	2,483	2,600	2,668	2,551	2,498	2,454	2,452
6		2,622	1,616	2,543	2,613	2,769	2,677	2,695	2,648	2,485	2,601	2,668	2,550	2,496	2,457	2,449
7		2,624	1,628	2,543	2,613	2,754	2,678	2,694	2,648	2,484	2,601	2,669	2,551	2,500	2,454	2,453
8		2,684	2,213	2,554	2,613	2,723	2,677	2,672	2,647	2,484	2,601	2,626	2,551	2,502	2,457	2,453
9		2,730	2,487	2,611	2,610	2,712	2,675	2,645	2,475	2,556	2,597	2,500	2,548	2,500	2,458	2,449
10		2,727	2,487	2,610	2,609	2,655	2,673	2,644	2,426	2,599	2,597	2,493	2,547	2,459	2,457	2,447
11		2,726	2,487	2,609	2,609	2,643	2,672	2,645	2,428	2,598	2,599	2,469	2,547	2,453	2,457	2,446
12		2,726	2,486	2,609	2,609	2,643	2,672	2,645	2,427	2,595	2,605	2,483	2,548	2,454	2,457	2,445
13		2,725	2,485	2,606	2,609	2,661	2,705	2,646	2,427	2,595	2,609	2,545	2,548	2,454	2,456	2,446
14		2,724	2,506	2,608	2,610	2,667	2,789	2,647	2,428	2,595	2,685	2,546	2,549	2,454	2,455	2,446
15		2,724	2,534	2,609	2,759	2,669	2,790	2,649	2,428	2,595	2,752	2,548	2,552	2,456	2,454	2,447
16		2,726	2,538	2,609	2,795	2,672	2,789	2,648	2,430	2,598	2,767	2,551	2,553	2,457	2,453	2,446
17		2,730	2,540	2,612	2,772	2,672	2,790	2,649	2,475	2,600	2,768	2,551	2,552	2,458	2,453	2,441
18		2,731	2,541	2,612	2,771	2,672	2,789	2,651	2,482	2,600	2,767	2,551	2,549	2,456	2,452	2,451
19		2,732	2,542	2,612	2,770	2,673	2,789	2,650	2,482	2,600	2,765	2,551	2,547	2,455	2,452	2,451
20		2,732	2,542	2,612	2,770	2,675	2,781	2,650	2,482	2,600	2,765	2,549	2,547	2,456	2,450	2,451
21		2,733	2,542	2,612	2,769	2,675	2,743	2,650	2,482	2,599	2,728	2,552	2,504	2,455	2,452	2,450
22		2,150	2,542	2,612	2,769	2,675	2,743	2,648	2,482	2,599	2,715	2,548	2,497	2,455	2,449	2,450
23		1,703	2,542	2,612	2,769	2,676	2,725	2,649	2,483	2,598	2,715	2,549	2,497	2,454	2,452	2,450
24		1,687	2,543	2,612	2,769	2,676	2,695	2,649	2,483	2,599	2,677	2,549	2,497	2,454	2,449	2,451
TOTAL		62,040	54,094	62,123	64,273	64,806	65,237	63,900	60,502	61,395	63,913	61,842	60,985	59,311	58,897	58,788
Cumulative Output Sold, kWhr		62,040	116,134	178,257	242,530	307,336	372,573	436,473	496,975	558,370	622,283	684,125	745,110	804,421	863,318	922,106
Transformer and line efficiency		99.8%	99.7%	99.8%	99.7%	99.7%	99.7%	99.7%	99.8%	99.8%	99.8%	99.7%	99.9%	99.7%	99.7%	99.7%
Hourly average		2,585	2,254	2,588	2,678	2,700	2,718	2,663	2,521	2,558	2,663	2,577	2,541	2,471	2,454	2,450

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CNBE Daily Reports Summary Data																		
	Tuesday 10/16/2012	Wednesday 10/17/2012	Thursday 10/18/2012	Friday 10/19/2012	Saturday 10/20/2012	Sunday 10/21/2012	Monday 10/22/2012	Tuesday 10/23/2012	Wednesday 10/24/2012	Thursday 10/25/2012	Friday 10/26/2012	Saturday 10/27/2012	Sunday 10/28/2012	Monday 10/29/2012	Tuesday 10/30/2012	Wednesday 10/31/2012	TOTAL	
Landfill Gas Flow to the Engines (K	1,416	1,448	1,505	1,542	1,503	1,547	1,528	1,521	1,566	1,598	1,583	1,544	1,574	1,521	1,610	1,621	47,004	
Landfill Gas Flow to the Engines (M	758	755	752	767	766	764	755	751	774	788	798	790	809	805	830	844	24,131	
Landfill Gas Flow to the Flare (KSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Flow to the Flare (MME	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Total Flow (KSCF)	1,416	1,448	1,505	1,542	1,503	1,547	1,528	1,521	1,566	1,598	1,583	1,544	1,574	1,521	1,610	1,621	47,004	
Landfill Gas Total Flow (MMBTU H	758	755	752	767	766	764	755	751	774	788	798	790	809	805	830	844	24,131	
Average Methane Content (%)	52.9	51.5	49.4	49.2	50.4	48.8	48.9	48.8	48.9	48.8	49.8	50.6	50.8	52.3	51.0	51.5	50.7	
Engine 1 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	744	
Engine 2 Hours	24	23	24	24	24	24	24	24	24	24	24	24	24	24	24	24	743	
Engine 3 Hours	24	22	23	24	24	24	24	24	24	24	24	24	24	23	24	24	739	
Engine 4 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	744	
Generator 1 Power Output (kWhr)	15,522	16,177	16,039	16,114	16,113	16,111	16,112	16,112	16,113	16,115	16,114	16,101	16,125	17,013	18,292	17,585	500,021	
Generator 2 Power Output (kWhr)	16,181	15,179	15,507	16,243	16,245	16,245	16,241	16,234	16,233	16,233	16,231	16,218	16,244	15,901	15,637	16,492	505,233	
Generator 3 Power Output (kWhr)	13,042	12,877	14,877	15,555	15,555	15,558	15,555	15,188	14,953	14,953	15,322	15,531	15,553	15,587	16,739	16,743	466,207	
Generator 4 Power Output (kWhr)	16,393	16,674	15,895	15,920	15,914	15,927	15,285	15,037	15,365	15,373	15,580	16,198	16,847	17,501	16,155	16,949	503,658	
Gross Power Output (kWhr)	61,173	60,924	62,317	63,828	63,836	63,860	63,204	62,580	62,677	62,673	63,251	64,070	64,785	66,022	66,847	67,794	1,974,924	
Net Power Output (kWhr)	59,274	58,990	60,282	61,760	61,810	61,790	61,118	60,520	60,636	60,634	61,262	62,100	62,792	64,102	64,876	65,748	1,912,014	
Power Sold as metered by NStar, (t	59,133	58,860	60,139	61,614	61,649	61,645	60,973	60,372	60,498	60,503	61,124	61,994	62,610	63,954	64,769	65,638	1,907,581	
Offgrid RECs (kWhr)	1,900	1,934	2,035	2,068	2,026	2,070	2,086	2,060	2,041	2,039	1,989	1,970	1,993	1,920	1,971	2,046	62,920	
Calculated Performance Results																		
Daily																		
Power output (kW average whe																		
Generator 1	647	674	668	671	671	671	671	671	671	671	671	671	672	709	762	733		
Generator 2	674	660	646	677	677	677	677	676	676	676	676	676	677	663	652	687		
Generator 3	543	585	647	648	648	648	648	633	623	638	647	648	678	697	698	698		
Generator 4	683	695	662	663	663	664	637	627	640	641	649	675	702	729	673	706		
Power output (kW average over																		
Facility Gross	2,549	2,539	2,597	2,660	2,660	2,661	2,634	2,608	2,612	2,611	2,635	2,670	2,699	2,751	2,785	2,825		
Facility Net	2,470	2,458	2,512	2,573	2,575	2,575	2,547	2,522	2,527	2,526	2,553	2,588	2,616	2,671	2,703	2,740		
In-plant load	79	81	85	86	84	86	87	86	85	85	83	82	83	80	82	85		
Daily availability factor																		
Facility	100%	97%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	100%	100%		
Engine 1	100%	100%	100%	100%	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%	100%		
Engine 3	100%	92%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%		
Engine 4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
Daily capacity factor																		
Facility	77%	77%	79%	81%	81%	81%	80%	79%	79%	79%	80%	81%	82%	83%	84%	86%		
Engine 1	78%	82%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	81%	86%	92%	89%		
Engine 2	82%	80%	78%	82%	82%	82%	82%	82%	82%	82%	82%	82%	82%	80%	79%	83%		
Engine 3	66%	71%	78%	79%	79%	79%	79%	77%	76%	76%	77%	78%	79%	82%	85%	85%		
Engine 4	83%	84%	80%	80%	80%	80%	77%	76%	78%	78%	79%	82%	85%	88%	82%	86%		
Cumulative by engine																		
Engine operating run hours in t																		
Max Cumulative Available, l	384	408	432	456	480	504	528	552	576	600	624	648	672	696	720	744		
Engine 1	384	408	432	456	480	504	528	552	576	600	624	648	672	696	720	744		
Engine 2	384	407	431	455	479	503	527	551	575	599	623	647	671	695	719	743		
Engine 3	383	405	428	452	476	500	524	548	572	596	620	644	668	691	715	739		
Engine 4	384	408	432	456	480	504	528	552	576	600	624	648	672	696	720	744		
Engine operating run hours tota																		
Engine 1	58,116	58,140	58,164	58,188	58,212	58,236	58,260	58,284	58,308	58,332	58,356	58,380	58,404	58,428	58,452	58,476		
Engine 2	54,253	54,276	54,300	54,324	54,348	54,372	54,396	54,420	54,444	54,468	54,492	54,516	54,540	54,564	54,588	54,612		
Engine 3	54,647	54,669	54,692	54,716	54,740	54,764	54,788	54,812	54,836	54,860	54,884	54,908	54,932	54,956	54,979	55,003		
Engine 4	53,070	53,094	53,118	53,142	53,166	53,190	53,214	53,238	53,262	53,286	53,310	53,334	53,358	53,382	53,406	53,430		
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%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
Engine 3	100%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%		
Engine 4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
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	10,574	11,248	11,917	12,588	13,260	13,931	14,602	15,273	15,945	16,616	17,288	17,959	18,630	19,339	20,102	19,363		
Engine 2	11,004	11,664	12,310	12,987	13,664	14,340	15,017	15,694	16,370	17,046	17,723	18,398	19,075	19,738	20,389	19,762		
Engine 3	9,845	10,431	11,078	11,726	12,374	13,022	13,670	14,303	14,926	15,549	16,188	16,835	17,483	18,160	18,858	18,180		
Engine 4	10,960	11,655	12,317	12,980	13,643	14,307	14,944	15,570	16,211	16,851	17,500	18,175	18,877	19,606	20,280	19,583		
Cumulative capacity factor, %																		
Engine 1	80%	80%	80%	80%	80%	80%	80%	80%	81%	81%	81%	81%	81%	81%	81%	81%		
Engine 2	83%	83%	83%	83%	83%	83%	83%	83%	83%	83%	83%	83%	83%	82%	82%	83%		
Engine 3	75%	74%	75%	75%	75%	75%	75%	75%	75%	75%	75%	76%	76%	76%	76%	76%		
Engine 4	83%	83%	83%	83%	83%	83%	82%	82%	82%	82%	82%	82%	82%	82%	82%	82%		

	Tuesday 10/16/2012	Wednesday 10/17/2012	Thursday 10/18/2012	Friday 10/19/2012	Saturday 10/20/2012	Sunday 10/21/2012	Monday 10/22/2012	Tuesday 10/23/2012	Wednesday 10/24/2012	Thursday 10/25/2012	Friday 10/26/2012	Saturday 10/27/2012	Sunday 10/28/2012	Monday 10/29/2012	Tuesday 10/30/2012	Wednesday 10/31/2012	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	2,784	
Actual cumulative engine run h	1,535	1,628	1,723	1,819	1,915	2,011	2,107	2,203	2,299	2,395	2,491	2,587	2,683	2,778	2,874	2,779	
Cumulative Availability, %	99.9%	99.8%	99.7%	99.7%	99.7%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	
Max cumulative gross output, k	1,267,200	1,346,400	1,425,600	1,504,800	1,584,000	1,663,200	1,742,400	1,821,600	1,900,800	1,980,000	2,059,200	2,138,400	2,217,600	2,296,800	2,376,000	2,296,800	
Actual cumulative gross output,	1,016,256	1,077,180	1,139,497	1,203,325	1,267,161	1,331,021	1,394,225	1,456,805	1,519,482	1,582,155	1,645,406	1,709,476	1,774,261	1,840,283	1,907,130	1,842,055	
Cumulative Capacity Factor	80.2%	80.0%	79.9%	80.0%	80.0%	80.0%	80.0%	80.0%	79.9%	79.9%	79.9%	79.9%	80.0%	80.1%	80.3%	80.2%	
Cumulative fuel input, MMBtu H	12,381	13,136	13,888	14,655	15,422	16,186	16,941	17,693	18,467	19,255	20,053	20,843	21,652	22,457	23,287	22,496	
Cumulative gross output, kWhr	1,016,256	1,077,180	1,139,497	1,203,325	1,267,161	1,331,021	1,394,225	1,456,805	1,519,482	1,582,155	1,645,406	1,709,476	1,774,261	1,840,283	1,907,130	1,842,055	
Heat Rate																	
Daily heat rate, Btu/kWe gross l	11,160	11,159	10,866	10,822	10,808	10,772	10,756	10,809	11,119	11,323	11,354	11,101	11,240	10,973	11,181	11,210	
Daily heat rate, Btu/kWe gross l	12,398	12,396	12,071	12,021	12,006	11,967	11,949	12,007	12,352	12,578	12,613	12,332	12,486	12,190	12,421	12,452	
Cumulative heat rate, Btu/kWe	10,967	10,978	10,972	10,964	10,956	10,947	10,938	10,933	10,940	10,956	10,971	10,976	10,985	10,985	10,992	10,994	
Cumulative heat rate, Btu/kWe	12,183	12,195	12,188	12,179	12,170	12,161	12,151	12,145	12,153	12,170	12,187	12,193	12,203	12,203	12,210	12,213	
Cumulative by Facility starting C																	
Max cumulative available engin	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	25,536	25,632	25,536	
Actual cumulative engine run h	20,791	20,884	20,979	21,075	21,171	21,267	21,363	21,459	21,555	21,651	21,747	21,843	21,939	22,034	22,130	22,035	
Cumulative Availability, %	85.6%	85.6%	85.7%	85.8%	85.8%	85.9%	85.9%	86.0%	86.0%	86.1%	86.1%	86.2%	86.2%	86.3%	86.3%	86.3%	
Max cumulative gross output, k	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	21,067,200	21,146,400	21,067,200	
Actual cumulative gross output,	15,393,176	15,454,100	15,516,417	15,580,245	15,644,081	15,707,941	15,771,145	15,833,725	15,896,402	15,959,075	16,022,326	16,086,396	16,151,181	16,217,203	16,284,050	16,218,975	
Cumulative Capacity Factor	76.8%	76.8%	76.8%	76.8%	76.9%	76.9%	76.9%	76.9%	76.9%	76.9%	76.9%	76.9%	76.9%	77.0%	77.0%	77.0%	
Cumulative fuel input, MMBtu H	217,915	218,670	219,422	220,190	220,956	221,720	222,476	223,227	224,001	224,789	225,587	226,377	227,186	227,991	228,821	228,030	
Cumulative gross output, kWhr	17,190,678	17,251,602	17,313,919	17,377,747	17,441,583	17,505,443	17,568,647	17,631,227	17,693,904	17,756,577	17,819,828	17,883,898	17,948,683	18,014,705	18,081,552	18,016,477	
Cumulative heat rate, Btu/kWe	11,411	11,410	11,408	11,406	11,404	11,402	11,399	11,397	11,396	11,396	11,396	11,395	11,394	11,393	11,392	11,394	
Cumulative heat rate, Btu/kWe	12,676	12,675	12,673	12,671	12,668	12,666	12,663	12,661	12,660	12,660	12,659	12,658	12,658	12,656	12,655	12,657	
Service																	
Engine 1																	
Engine 2																	
Engine 3																	
Engine 4																	
Oil - oil and filter change														Sandy hurricane			
Service - plugs, air filter, valve insp																	
Precipitation																	
NSTAR Power Reports																	
Date	10/16/2012	10/17/2012	10/18/2012	10/19/2012	10/20/2012	10/21/2012	10/22/2012	10/23/2012	10/24/2012	10/25/2012	10/26/2012	10/27/2012	10/28/2012	10/29/2012	10/30/2012	10/31/2012	TOTAL
Hour																	
1	2,451	2,481	2,451	2,566	2,567	2,569	2,569	2,522	2,521	2,523	2,524	2,575	2,596	2,623	2,749	2,675	
2	2,452	2,481	2,451	2,569	2,567	2,567	2,566	2,523	2,521	2,522	2,526	2,574	2,597	2,623	2,747	2,675	
3	2,452	2,482	2,451	2,566	2,568	2,569	2,569	2,522	2,519	2,522	2,525	2,575	2,596	2,623	2,748	2,676	
4	2,453	2,481	2,451	2,569	2,568	2,567	2,566	2,522	2,520	2,523	2,526	2,575	2,597	2,623	2,747	2,675	
5	2,453	2,482	2,451	2,569	2,568	2,569	2,569	2,523	2,520	2,524	2,526	2,575	2,596	2,623	2,747	2,676	
6	2,455	2,481	2,452	2,569	2,568	2,567	2,567	2,523	2,521	2,524	2,526	2,575	2,596	2,623	2,747	2,675	
7	2,455	2,484	2,447	2,570	2,569	2,567	2,568	2,522	2,520	2,524	2,526	2,575	2,596	2,623	2,748	2,674	
8	2,455	2,484	2,417	2,569	2,570	2,570	2,569	2,521	2,523	2,523	2,527	2,576	2,595	2,623	2,749	2,798	
9	2,452	2,284	2,393	2,566	2,570	2,567	2,562	2,517	2,519	2,519	2,523	2,575	2,597	2,624	2,714	2,813	
10	2,449	2,438	2,395	2,564	2,570	2,568	2,564	2,503	2,519	2,517	2,566	2,573	2,596	2,704	2,674	2,794	
11	2,448	2,437	2,420	2,564	2,571	2,568	2,546	2,491	2,518	2,515	2,564	2,570	2,596	2,721	2,666	2,718	
12	2,448	2,419	2,534	2,564	2,570	2,568	2,517	2,491	2,519	2,515	2,563	2,569	2,596	2,737	2,665	2,718	
13	2,434	2,476	2,574	2,564	2,570	2,568	2,519	2,491	2,519	2,515	2,563	2,569	2,610	2,737	2,666	2,718	
14	2,467	2,445	2,568	2,566	2,570	2,569	2,517	2,500	2,518	2,515	2,564	2,589	2,622	2,737	2,671	2,718	
15	2,478	2,448	2,568	2,568	2,569	2,569	2,517	2,516	2,523	2,515	2,567	2,593	2,622	2,737	2,671	2,723	
16	2,480	2,449	2,569	2,568	2,570	2,570	2,519	2,519	2,523	2,518	2,569	2,594	2,623	2,737	2,672	2,769	
17	2,481	2,450	2,569	2,569	2,569	2,570	2,520	2,523	2,521	2,425	2,425	2,594	2,622	2,737	2,673	2,769	
18	2,482	2,452	2,569	2,569	2,570	2,571	2,520	2,521	2,523	2,524	2,573	2,596	2,623	2,830	2,673	2,769	
19	2,482	2,451	2,569	2,569	2,570	2,569	2,522	2,521	2,521	2,523	2,573	2,595	2,622	2,879	2,672	2,768	
20	2,481	2,451	2,570	2,568	2,569	2,569	2,522	2,521	2,521	2,524	2,573	2,596	2,623	2,872	2,674	2,768	
21	2,482	2,451	2,567	2,567	2,565	2,569	2,521	2,522	2,522	2,524	2,573	2,595	2,622	2,828	2,674	2,767	
22	2,481	2,451	2,569	2,567	2,568	2,569	2,521	2,520	2,521	2,524	2,574	2,595	2,622	2,828	2,673	2,768	
23	2,481	2,451	2,566	2,567	2,565	2,568	2,521	2,521	2,522	2,524	2,574	2,595	2,622	2,773	2,674	2,767	
24	2,481	2,451	2,568	2,567	2,568	2,568	2,522	2,520	2,522	2,525	2,574	2,596	2,623	2,747	2,675	2,767	
TOTAL	59,133	58,860	60,139	61,614	61,649	61,645	60,973	60,372	60,498	60,503	61,124	61,994	62,610	63,954	64,769	65,638	
Cumulative Output Sold, kW	981,239	1,040,099	1,100,238	1,161,852	1,223,501	1,285,146	1,346,119	1,406,491	1,466,989	1,527,492	1,588,616	1,650,610	1,713,220	1,777,174	1,841,943	1,907,581	
Transformer and line efficien	99.8%	99.8%	99.8%	99.8%	99.7%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.7%	99.8%	99.8%	99.8%	0.0%
Hourly average	2,464	2,453	2,506	2,567	2,569	2,569	2,541	2,516	2,521	2,521	2,547	2,583	2,609	2,665	2,699	2,735	2,564

NOVEMBER 2012																
CNBE Daily Reports Summary Data																
	Thursday 11/1/2012	Friday 11/2/2012	Saturday 11/3/2012	Time change Sunday 11/4/2012	Monday 11/5/2012	Tuesday 11/6/2012	Wednesday 11/7/2012	Thursday 11/8/2012	Friday 11/9/2012	Saturday 11/10/2012	Sunday 11/11/2012	Monday 11/12/2012	Tuesday 11/13/2012	Wednesday 11/14/2012	Thursday 11/15/2012	
Landfill Gas Flow to the Engines (KSCF)	1,653	1,634	1,651	1,716	1,617	1,620	1,590	1,606	1,629	1,638	1,633	1,594	1,591	1,573	1,083	
Landfill Gas Flow to the Engines (MMBTU HHV)	842	819	812	833	797	791	806	845	813	790	783	794	794	777	561	
Landfill Gas Flow to the Flare (KSCF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Flow to the Flare (MMBTU HHV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Total Flow (KSCF)	1,653	1,634	1,651	1,716	1,617	1,620	1,590	1,606	1,629	1,638	1,633	1,594	1,591	1,573	1,083	
Landfill Gas Total Flow (MMBTU HHV)	842	819	812	833	797	791	806	845	813	790	783	794	794	777	561	
Average Methane Content (%)	50.4	49.5	48.6	48.0	48.7	48.2	50.1	52.0	49.3	47.6	47.4	49.2	49.3	48.8	51.2	
Engine 1 Hours	24	22	24	25	24	24	24	24	24	24	24	24	24	24	17	
Engine 2 Hours	24	24	24	25	24	24	24	24	24	24	24	24	24	24	17	
Engine 3 Hours	24	24	24	25	24	24	24	24	24	24	24	24	24	24	17	
Engine 4 Hours	24	24	24	25	24	24	24	24	24	24	24	24	24	24	17	
Generator 1 Power Output (kWhr)	16,393	15,248	16,465	16,798	15,520	15,567	16,391	16,831	15,857	15,519	15,520	15,526	16,299	15,940	11,069	
Generator 2 Power Output (kWhr)	16,851	17,138	16,599	16,926	15,622	15,403	16,042	16,984	16,538	16,242	16,242	16,247	16,643	16,082	11,152	
Generator 3 Power Output (kWhr)	16,740	16,842	16,500	17,058	16,148	16,150	16,292	16,876	15,868	15,550	15,551	15,552	15,550	15,553	11,091	
Generator 4 Power Output (kWhr)	17,337	17,141	16,351	16,690	15,429	15,765	16,970	17,176	16,455	16,591	15,935	16,163	16,595	16,419	11,425	
Gross Power Output (kWhr)	67,337	66,377	65,923	67,477	62,730	62,895	65,708	67,871	64,716	63,917	63,257	63,473	65,081	63,999	44,758	
Net Power Output (kWhr)	65,240	64,272	63,826	65,308	60,746	60,824	63,610	65,746	62,614	61,796	61,218	61,492	63,026	61,898	43,454	
Power Sold as metered by NStar, (kWhr)	65,148	64,189	63,764	65,251	60,705	60,807	63,570	65,850	62,524	61,693	61,098	61,358	62,899	61,804	43,393	
Offgrid RECs (kWhr)	2,097	2,104	2,098	2,169	1,984	2,071	2,098	2,132	2,101	2,121	2,039	1,981	2,055	2,101	1,303	
Calculated Performance Results																
Daily																
Power output (kW average when running)																
Generator 1	683	693	686	672	647	649	683	701	661	647	647	647	679	664	651	
Generator 2	702	714	692	677	651	642	668	708	689	677	677	677	693	670	656	
Generator 3	698	702	688	682	673	673	679	703	661	648	648	648	648	648	652	
Generator 4	722	714	681	668	643	657	707	716	686	691	664	673	691	684	672	
Power output (kW average over 24-hrs)																
Facility Gross	2,806	2,766	2,747	2,699	2,614	2,621	2,738	2,828	2,697	2,663	2,636	2,645	2,712	2,667	1,865	
Facility Net	2,718	2,678	2,659	2,612	2,531	2,534	2,650	2,739	2,609	2,575	2,551	2,562	2,626	2,579	1,811	
In-plant load	87	88	87	87	83	86	87	89	88	88	85	83	86	88	54	
Daily availability factor																
Facility	100%	98%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	71%	
Engine 1	100%	92%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	71%	
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	71%	
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	71%	
Engine 4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	71%	
Daily capacity factor																
Facility	85%	84%	83%	82%	79%	79%	83%	86%	82%	81%	80%	80%	82%	81%	57%	
Engine 1	83%	84%	83%	81%	78%	79%	83%	85%	80%	78%	78%	78%	82%	81%	79%	
Engine 2	85%	87%	84%	82%	79%	78%	81%	86%	84%	82%	82%	82%	84%	81%	80%	
Engine 3	85%	85%	83%	83%	82%	82%	82%	85%	80%	79%	79%	79%	79%	79%	79%	
Engine 4	88%	87%	83%	81%	78%	80%	86%	87%	83%	84%	80%	82%	84%	83%	81%	
Cumulative by engine																
Engine operating run hours in the month																
Max Cumulative Available, hours	24	48	72	97	121	145	169	193	217	241	265	289	313	337	361	
Engine 1	24	46	70	95	119	143	167	191	215	239	263	287	311	335	352	
Engine 2	24	48	72	97	121	145	169	193	217	241	265	289	313	337	354	
Engine 3	24	48	72	97	121	145	169	193	217	241	265	289	313	337	354	
Engine 4	24	48	72	97	121	145	169	193	217	241	265	289	313	337	354	
Engine operating run hours total from 0 hours																
Engine 1	58,476	58,500	58,522	58,546	58,571	58,595	58,619	58,643	58,667	58,691	58,715	58,739	58,763	58,787	58,828	
Engine 2	54,612	54,636	54,660	54,684	54,709	54,733	54,757	54,781	54,805	54,829	54,853	54,877	54,901	54,925	54,966	
Engine 3	55,003	55,027	55,051	55,075	55,100	55,124	55,148	55,172	55,196	55,220	55,244	55,268	55,292	55,316	55,357	
Engine 4	53,430	53,454	53,478	53,502	53,527	53,551	53,575	53,599	53,623	53,647	53,671	53,695	53,719	53,743	53,784	
November 1, 2012 @ 00:00 hours																
Cumulative availability, %																
Engine 1	100%	96%	97%	98%	98%	99%	99%	99%	99%	99%	99%	99%	99%	99%	98%	
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	98%	
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	98%	
Engine 4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	98%	
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	683	1,376	2,062	2,734	3,381	4,029	4,712	5,414	6,074	6,721	7,368	8,015	8,694	9,358	10,009	
Engine 2	702	1,416	2,108	2,785	3,436	4,078	4,746	5,454	6,143	6,819	7,496	8,173	8,867	9,537	10,193	
Engine 3	698	1,399	2,087	2,769	3,442	4,115	4,794	5,497	6,158	6,806	7,454	8,102	8,750	9,398	10,050	
Engine 4	722	1,437	2,118	2,785	3,428	4,085	4,792	5,508	6,194	6,885	7,549	8,222	8,914	9,598	10,270	
Cumulative capacity factor, %																
Engine 1	83%	83%	83%	83%	82%	81%	82%	82%	82%	81%	81%	81%	81%	81%	81%	
Engine 2	85%	86%	85%	84%	83%	82%	82%	83%	83%	83%	83%	83%	83%	83%	82%	
Engine 3	85%	85%	84%	84%	83%	83%	83%	83%	83%	82%	82%	82%	82%	81%	81%	
Engine 4	88%	87%	86%	84%	83%	83%	83%	83%	83%	83%	83%	83%	83%	83%	83%	

	Thursday 11/1/2012	Friday 11/2/2012	Saturday 11/3/2012	Sunday 11/4/2012	Monday 11/5/2012	Tuesday 11/6/2012	Wednesday 11/7/2012	Thursday 11/8/2012	Friday 11/9/2012	Saturday 11/10/2012	Sunday 11/11/2012	Monday 11/12/2012	Tuesday 11/13/2012	Wednesday 11/14/2012	Thursday 11/15/2012
Cumulative by Facility in month															
Max cumulative available engine run hours	96	192	288	392	488	584	680	776	872	968	1,064	1,160	1,256	1,352	1,448
Actual cumulative engine run hours	96	190	286	386	482	578	674	770	866	962	1,058	1,154	1,250	1,346	1,414
Cumulative Availability, %	100.0%	99.0%	99.3%	98.5%	98.8%	99.0%	99.1%	99.2%	99.3%	99.4%	99.4%	99.5%	99.5%	99.6%	97.7%
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	67,337	133,714	199,637	267,114	329,844	392,739	458,447	526,318	591,034	654,951	718,208	781,681	846,762	910,761	955,519
Cumulative Capacity Factor	85.0%	84.4%	84.0%	84.3%	83.3%	82.6%	82.7%	83.1%	82.9%	82.7%	82.4%	82.2%	82.2%	82.1%	80.4%
Cumulative fuel input, MMBtu HHV	842	1,662	2,473	3,306	4,103	4,894	5,700	6,545	7,358	8,148	8,931	9,725	10,519	11,296	11,856
Cumulative gross output, kWhr	67,337	133,714	199,637	267,114	329,844	392,739	458,447	526,318	591,034	654,951	718,208	781,681	846,762	910,761	955,519
Heat Rate															
Daily heat rate, Btu/kWe gross LHV	11,262	11,111	11,083	11,113	11,433	11,318	11,045	11,205	11,310	11,122	11,148	11,255	10,988	10,924	11,273
Daily heat rate, Btu/kWe gross HHV	12,510	12,343	12,311	12,345	12,700	12,573	12,269	12,447	12,564	12,355	12,384	12,503	12,206	12,135	12,523
Cumulative heat rate, Btu/kWe gross LHV	11,262	11,187	11,153	11,143	11,198	11,217	11,192	11,194	11,207	11,198	11,194	11,199	11,183	11,165	11,170
Cumulative heat rate, Btu/kWe gross HHV	12,510	12,427	12,389	12,378	12,439	12,461	12,433	12,435	12,449	12,440	12,435	12,441	12,423	12,402	12,408
Cumulative by Facility starting Calendar Year															
Max cumulative available engine run hours	25,632	25,728	25,824	25,928	26,024	26,120	26,216	26,312	26,408	26,504	26,600	26,696	26,792	26,888	26,984
Actual cumulative engine run hours	22,131	22,225	22,321	22,421	22,517	22,613	22,709	22,805	22,901	22,997	23,093	23,189	23,285	23,381	23,449
Cumulative Availability, %	86.3%	86.4%	86.4%	86.5%	86.5%	86.6%	86.6%	86.7%	86.7%	86.8%	86.8%	86.9%	86.9%	87.0%	86.9%
Max cumulative gross output, kWhr	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	22,255,200
Actual cumulative gross output, kWhr	16,286,312	16,352,689	16,418,612	16,486,089	16,548,819	16,611,714	16,677,422	16,745,293	16,810,009	16,873,926	16,937,183	17,000,656	17,065,737	17,129,736	17,174,494
Cumulative Capacity Factor	77.0%	77.0%	77.1%	77.1%	77.1%	77.1%	77.1%	77.2%	77.2%	77.2%	77.2%	77.2%	77.2%	77.2%	77.2%
Cumulative fuel input, MMBtu HHV	228,873	229,692	230,504	231,337	232,133	232,924	233,730	234,575	235,388	236,178	236,961	237,755	238,549	239,326	239,887
Cumulative gross output, kWhr	18,083,814	18,150,191	18,216,114	18,283,591	18,346,321	18,409,216	18,474,924	18,542,795	18,607,511	18,671,428	18,734,685	18,798,158	18,863,239	18,927,238	18,971,996
Cumulative heat rate, Btu/kWe gross LHV	11,393	11,392	11,391	11,390	11,390	11,390	11,389	11,388	11,388	11,387	11,386	11,386	11,384	11,383	11,382
Cumulative heat rate, Btu/kWe gross HHV	12,656	12,655	12,654	12,653	12,653	12,653	12,651	12,650	12,650	12,649	12,648	12,648	12,646	12,645	12,644
Service															
Engine 1															Facility scheduled
Engine 2															outage for list
Engine 3															of maintenance
Engine 4															
Oil - oil and filter change															
Service - plugs, air filter, valve inspection and adjustment															
Precipitation															
NSTAR Power Reports															
Date	Thursday 11/1/2012	Friday 11/2/2012	Saturday 11/3/2012	Sunday 11/4/2012	Monday 11/5/2012	Tuesday 11/6/2012	Wednesday 11/7/2012	Thursday 11/8/2012	Friday 11/9/2012	Saturday 11/10/2012	Sunday 11/11/2012	Monday 11/12/2012	Tuesday 11/13/2012	Wednesday 11/14/2012	Thursday 11/15/2012
Hour															
1	2,766	2,704	2,659	2,657	2,530	2,531	2,584	2,733	2,694	2,571	2,569	2,527	2,572	2,646	2,549
2	2,768	2,704	2,658	2,657	2,530	2,531	2,585	2,732	2,694	2,572	2,569	2,525	2,572	2,644	2,549
3	2,767	2,704	2,658	2,657	2,530	2,531	2,585	2,732	2,693	2,572	2,569	2,528	2,574	2,644	2,549
4	2,767	2,704	2,658	2,657	2,530	2,531	2,586	2,733	2,693	2,571	2,568	2,525	2,571	2,646	2,550
5	2,768	2,704	2,657	2,656	2,530	2,531	2,586	2,733	2,692	2,571	2,570	2,529	2,574	2,646	2,550
6	2,758	2,704	2,658	2,656	2,530	2,531	2,587	2,734	2,691	2,571	2,568	2,526	2,575	2,644	2,548
7	2,721	2,704	2,658	2,657	2,530	2,531	2,587	2,735	2,684	2,571	2,569	2,527	2,572	2,644	2,550
8	2,721	2,704	2,658	2,657	2,530	2,527	2,587	2,735	2,644	2,570	2,570	2,529	2,590	2,643	2,552
9	2,712	2,492	2,657	2,656	2,528	2,514	2,595	2,770	2,646	2,569	2,570	2,561	2,672	2,592	721
10	2,669	2,417	2,657	2,654	2,527	2,492	2,622	2,817	2,641	2,572	2,572	2,572	2,691	2,498	-
11	2,669	2,766	2,656	2,653	2,527	2,496	2,625	2,817	2,596	2,572	2,556	2,570	2,655	2,501	-
12	2,669	2,759	2,655	2,653	2,525	2,497	2,625	2,815	2,423	2,573	2,526	2,573	2,643	2,503	-
13	2,669	2,758	2,656	2,654	2,526	2,500	2,630	2,814	2,499	2,573	2,527	2,573	2,644	2,502	-
14	2,670	2,749	2,656	2,654	2,527	2,499	2,680	2,813	2,526	2,572	2,527	2,573	2,643	2,549	-
15	2,703	2,691	2,657	2,654	2,530	2,499	2,680	2,810	2,558	2,572	2,528	2,574	2,539	2,548	-
16	2,707	2,664	2,657	2,655	2,531	2,500	2,681	2,771	2,577	2,573	2,528	2,574	2,648	2,552	555
17	2,707	2,658	2,657	2,534	2,531	2,500	2,683	2,696	2,574	2,570	2,527	2,572	2,647	2,552	2,710
18	2,707	2,659	2,657	2,528	2,531	2,566	2,685	2,695	2,573	2,569	2,528	2,572	2,647	2,553	2,710
19	2,706	2,657	2,655	2,528	2,531	2,584	2,717	2,695	2,572	2,569	2,527	2,573	2,646	2,552	2,716
20	2,706	2,657	2,655	2,528	2,531	2,584	2,732	2,694	2,572	2,568	2,525	2,570	2,644	2,549	2,717
21	2,705	2,658	2,657	2,528	2,530	2,583	2,731	2,694	2,571	2,568	2,528	2,572	2,644	2,551	2,717
22	2,704	2,657	2,656	2,529	2,530	2,583	2,732	2,694	2,570	2,568	2,525	2,571	2,645	2,550	2,717
23	2,704	2,658	2,656	2,529	2,530	2,583	2,732	2,694	2,571	2,568	2,528	2,569	2,645	2,547	2,717
24	2,705	2,657	2,656	2,530	2,530	2,583	2,733	2,694	2,570	2,568	2,524	2,573	2,646	2,548	2,716
TOTAL	65,148	64,189	63,764	65,251	60,705	60,807	63,570	65,850	62,524	61,693	61,098	61,358	62,899	61,804	43,393
Cumulative Output Sold, kWhr	65,148	129,337	193,101	258,352	319,057	379,864	443,434	509,284	571,808	633,501	694,599	755,957	818,856	880,660	924,053
Transformer and line efficiency	99.9%	99.9%	99.9%	99.9%	99.9%	100.0%	99.9%	100.2%	99.9%	99.8%	99.8%	99.8%	99.8%	99.8%	99.9%
Hourly average	2,715	2,675	2,657	2,610	2,529	2,534	2,649	2,744	2,605	2,571	2,546	2,557	2,621	2,575	1,808

NOVEMBER 2012																	
CNBE Daily Reports Summary Data																	
	Friday 11/16/2012	Saturday 11/17/2012	Sunday 11/18/2012	Monday 11/19/2012	Tuesday 11/20/2012	Wednesday 11/21/2012	Thursday 11/22/2012	Friday 11/23/2012	Saturday 11/24/2012	Sunday 11/25/2012	Monday 11/26/2012	Tuesday 11/27/2012	Wednesday 11/28/2012	Thursday 11/29/2012	Friday 11/30/2012	TOTAL	
Landfill Gas Flow to the Engines (K	1,622	1,707	1,510	1,468	1,578	1,658	1,654	1,642	1,661	1,620	1,653	1,638	1,633	1,666	1,660	48,197	
Landfill Gas Flow to the Engines (M	829	811	758	791	811	827	815	834	838	805	796	791	806	803	781	23,950	
Landfill Gas Flow to the Flare (KSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Flow to the Flare (MME	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Total Flow (KSCF)	1,622	1,707	1,510	1,468	1,578	1,658	1,654	1,642	1,661	1,620	1,653	1,638	1,633	1,666	1,660	48,197	
Landfill Gas Total Flow (MMBTU H	829	811	758	791	811	827	815	834	838	805	796	791	806	803	781	23,950	
Average Methane Content (%)	50.5	46.9	49.6	53.2	50.8	49.3	48.7	50.2	49.8	49.1	47.6	47.7	48.8	47.6	46.5	49.1	
Engine 1 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	712	
Engine 2 Hours	22	24	24	24	24	24	24	24	24	24	24	24	24	24	24	712	
Engine 3 Hours	24	24	24	24	24	24	24	24	24	24	24	24	22	24	24	712	
Engine 4 Hours	24	24	8	9	22	24	24	24	24	24	24	24	24	24	24	681	
Generator 1 Power Output (kWhr)	16,830	16,700	18,107	18,876	17,631	16,963	16,702	16,861	16,655	15,692	15,528	15,993	16,679	16,003	15,497	485,660	
Generator 2 Power Output (kWhr)	15,154	16,859	18,300	19,093	17,772	17,257	16,856	17,021	16,988	16,655	15,844	15,649	16,617	16,581	16,175	493,532	
Generator 3 Power Output (kWhr)	15,999	15,565	16,904	18,533	16,521	16,755	16,756	16,756	16,668	16,175	16,171	16,170	15,254	16,366	15,827	483,741	
Generator 4 Power Output (kWhr)	17,135	17,765	5,898	6,047	15,909	17,108	17,239	17,715	18,429	16,515	16,304	15,965	16,904	15,939	15,741	473,055	
Gross Power Output (kWhr)	65,090	66,888	59,229	62,531	67,820	68,064	67,529	68,322	68,707	65,000	63,822	63,761	65,449	64,883	63,229	1,935,843	
Net Power Output (kWhr)	63,542	65,156	57,804	61,242	66,284	66,344	65,836	66,654	66,940	63,304	62,094	62,060	63,744	63,134	61,492	1,880,700	
Power Sold as metered by NStar, (t	63,454	65,060	57,711	61,144	66,173	66,228	65,733	66,553	66,828	63,235	62,012	61,993	63,662	63,052	61,412	1,878,303	
Offgrid RECs (kWhr)	1,548	1,733	1,424	1,289	1,537	1,719	1,693	1,668	1,767	1,696	1,728	1,701	1,705	1,749	1,737	55,148	
Calculated Performance Results																	
Daily																	
Power output (kW average whe																	
Generator 1	701	696	754	787	735	707	696	703	694	654	647	666	695	667	646		
Generator 2	689	702	763	796	741	719	702	709	708	694	660	652	692	691	674		
Generator 3	667	649	704	772	688	698	698	698	695	674	674	674	693	682	659		
Generator 4	714	740	737	672	723	713	718	738	768	688	679	665	704	664	656		
Power output (kW average over																	
Facility Gross	2,712	2,787	2,468	2,605	2,826	2,836	2,814	2,847	2,863	2,708	2,659	2,657	2,727	2,703	2,635		
Facility Net	2,648	2,715	2,409	2,552	2,762	2,764	2,743	2,777	2,789	2,638	2,587	2,586	2,656	2,631	2,562		
In-plant load	65	72	59	54	64	72	71	70	74	71	72	71	71	73	72		
Daily availability factor																	
Facility	98%	100%	83%	84%	98%	100%	100%	100%	100%	100%	100%	100%	98%	100%	100%		
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
Engine 2	92%	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%	92%	100%	100%		
Engine 4	100%	100%	33%	38%	92%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
Daily capacity factor																	
Facility	82%	84%	75%	79%	86%	86%	85%	86%	87%	82%	81%	81%	83%	82%	80%		
Engine 1	85%	84%	91%	95%	89%	86%	85%	84%	84%	82%	81%	81%	84%	81%	78%		
Engine 2	83%	85%	92%	96%	90%	87%	85%	86%	86%	84%	80%	79%	84%	84%	82%		
Engine 3	81%	79%	85%	94%	83%	85%	85%	85%	84%	82%	82%	84%	84%	83%	80%		
Engine 4	87%	90%	89%	81%	88%	86%	87%	89%	93%	83%	82%	81%	85%	81%	80%		
Cumulative by engine																	
Engine operating run hours in t																	
Max Cumulative Available, l	385	409	433	457	481	505	529	553	577	601	625	649	673	697	721		
Engine 1	376	400	424	448	472	496	520	544	568	592	616	640	664	688	712		
Engine 2	376	400	424	448	472	496	520	544	568	592	616	640	664	688	712		
Engine 3	378	402	426	450	474	498	522	546	570	594	618	642	664	688	712		
Engine 4	378	402	410	419	441	465	489	513	537	561	585	609	633	657	681		
Engine operating run hours tota																	
Engine 1	58,852	58,876	58,900	58,924	58,948	58,972	58,996	59,020	59,044	59,068	59,092	59,116	59,140	59,164	59,188		
Engine 2	54,988	55,012	55,036	55,060	55,084	55,108	55,132	55,156	55,180	55,204	55,228	55,252	55,276	55,300	55,324		
Engine 3	55,381	55,405	55,429	55,453	55,477	55,501	55,525	55,549	55,573	55,597	55,621	55,645	55,667	55,691	55,715		
Engine 4	53,808	53,832	53,840	53,849	53,871	53,895	53,919	53,943	53,967	53,991	54,015	54,039	54,063	54,087	54,111		
Cumulative availability, %																	
Engine 1	98%	98%	98%	98%	98%	98%	98%	98%	98%	99%	99%	99%	99%	99%	99%		
Engine 2	98%	98%	98%	98%	98%	98%	98%	98%	98%	99%	99%	99%	99%	99%	99%		
Engine 3	98%	98%	98%	98%	98%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%		
Engine 4	98%	98%	95%	92%	92%	92%	92%	93%	93%	93%	94%	94%	94%	94%	94%		
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	10,710	11,406	12,161	12,947	13,682	14,388	15,084	15,787	16,481	17,135	17,782	18,448	19,143	19,810	20,456		
Engine 2	10,882	11,584	12,347	13,142	13,883	14,602	15,304	16,013	16,721	17,415	18,075	18,727	19,420	20,110	20,784		
Engine 3	10,717	11,365	12,070	12,842	13,530	14,228	14,927	15,625	16,319	16,993	17,667	18,341	19,034	19,716	20,376		
Engine 4	10,884	11,724	12,461	13,133	13,856	14,569	15,288	16,026	16,794	17,482	18,161	18,826	19,531	20,195	20,851		
Cumulative capacity factor, %																	
Engine 1	81%	81%	82%	83%	83%	83%	83%	83%	83%	83%	83%	83%	83%	83%	83%		
Engine 2	82%	83%	83%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%		
Engine 3	81%	81%	81%	82%	82%	82%	82%	82%	82%	82%	82%	82%	82%	82%	82%		
Engine 4	83%	84%	84%	84%	84%	84%	84%	84%	85%	85%	85%	85%	85%	84%	84%		

	Friday 11/16/2012	Saturday 11/17/2012	Sunday 11/18/2012	Monday 11/19/2012	Tuesday 11/20/2012	Wednesday 11/21/2012	Thursday 11/22/2012	Friday 11/23/2012	Saturday 11/24/2012	Sunday 11/25/2012	Monday 11/26/2012	Tuesday 11/27/2012	Wednesday 11/28/2012	Thursday 11/29/2012	Friday 11/30/2012	TOTAL
Cumulative by Facility in month																
Max cumulative available engin	1,544	1,640	1,736	1,832	1,928	2,024	2,120	2,216	2,312	2,408	2,504	2,600	2,696	2,792	2,888	
Actual cumulative engine run h	1,508	1,604	1,684	1,765	1,859	1,955	2,051	2,147	2,243	2,339	2,435	2,531	2,625	2,721	2,817	
Cumulative Availability, %	97.7%	97.8%	97.0%	96.3%	96.4%	96.6%	96.7%	96.9%	97.0%	97.1%	97.2%	97.3%	97.4%	97.5%	97.5%	
Max cumulative gross output, k	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,	1,020,609	1,087,497	1,146,726	1,209,257	1,277,077	1,345,141	1,412,670	1,480,992	1,549,699	1,614,699	1,678,521	1,742,282	1,807,731	1,872,614	1,935,843	
Cumulative Capacity Factor	80.5%	80.8%	80.4%	80.4%	80.6%	80.9%	81.1%	81.3%	81.5%	81.6%	81.5%	81.5%	81.5%	81.5%	81.5%	
Cumulative fuel input, MMBtu H	12,685	13,496	14,253	15,044	15,855	16,681	17,496	18,330	19,168	19,973	20,769	21,560	22,366	23,169	23,950	
Cumulative gross output, kWhr	1,020,609	1,087,497	1,146,726	1,209,257	1,277,077	1,345,141	1,412,670	1,480,992	1,549,699	1,614,699	1,678,521	1,742,282	1,807,731	1,872,614	1,935,843	
Heat Rate																
Daily heat rate, Btu/kWe gross l	11,461	10,912	11,514	11,380	10,763	10,931	10,868	10,989	10,976	11,143	11,229	11,166	11,090	11,145	11,115	
Daily heat rate, Btu/kWe gross l	12,732	12,122	12,791	12,642	11,957	12,143	12,073	12,207	12,192	12,378	12,474	12,404	12,320	12,381	12,347	
Cumulative heat rate, Btu/kWe	11,188	11,171	11,189	11,199	11,176	11,163	11,149	11,142	11,134	11,135	11,138	11,139	11,138	11,138	11,137	
Cumulative heat rate, Btu/kWe	12,429	12,410	12,429	12,440	12,415	12,401	12,385	12,377	12,369	12,369	12,373	12,374	12,372	12,373	12,372	
Cumulative by Facility starting C																
Max cumulative available engin	27,080	27,176	27,272	27,368	27,464	27,560	27,656	27,752	27,848	27,944	28,040	28,136	28,232	28,328	28,424	
Actual cumulative engine run h	23,543	23,639	23,719	23,800	23,894	23,990	24,086	24,182	24,278	24,374	24,470	24,566	24,660	24,756	24,852	
Cumulative Availability, %	86.9%	87.0%	87.0%	87.0%	87.0%	87.0%	87.1%	87.1%	87.2%	87.2%	87.3%	87.3%	87.3%	87.4%	87.4%	
Max cumulative gross output, k	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	23,443,200	
Actual cumulative gross output,	17,239,584	17,306,472	17,365,701	17,428,232	17,496,052	17,564,116	17,631,645	17,699,967	17,768,674	17,833,674	17,897,496	17,961,257	18,026,706	18,091,589	18,154,818	
Cumulative Capacity Factor	77.2%	77.2%	77.2%	77.2%	77.2%	77.3%	77.3%	77.3%	77.4%	77.4%	77.4%	77.4%	77.4%	77.4%	77.4%	
Cumulative fuel input, MMBtu H	240,715	241,526	242,284	243,074	243,885	244,712	245,527	246,361	247,199	248,003	248,799	249,590	250,396	251,200	251,980	
Cumulative gross output, kWhr	19,037,086	19,103,974	19,163,203	19,225,734	19,293,554	19,361,618	19,429,147	19,497,469	19,566,176	19,631,176	19,694,998	19,758,759	19,824,208	19,889,091	19,952,320	
Cumulative heat rate, Btu/kWe	11,383	11,381	11,381	11,381	11,379	11,378	11,378	11,374	11,373	11,372	11,372	11,371	11,370	11,370	11,369	
Cumulative heat rate, Btu/kWe	12,645	12,643	12,643	12,643	12,641	12,639	12,637	12,636	12,634	12,633	12,633	12,632	12,631	12,630	12,629	
Service																
Engine 1																
Engine 2																
Engine 3																
Engine 4			Starter failure	Starter fixed												
Oil - oil and filter change																
Service - plugs, air filter, valve inspr																
Precipitation																
NSTAR Power Reports																
Date	11/16/2012	11/17/2012	11/18/2012	11/19/2012	11/20/2012	11/21/2012	11/22/2012	11/23/2012	11/24/2012	11/25/2012	11/26/2012	11/27/2012	11/28/2012	11/29/2012	11/30/2012	TOTAL
Hour																
1	2,717	2,714	2,707	2,471	2,682	2,837	2,736	2,743	2,857	2,583	2,688	2,546	2,640	2,666	2,615	
2	2,718	2,715	2,709	2,472	2,686	2,837	2,741	2,742	2,858	2,585	2,688	2,547	2,642	2,667	2,618	
3	2,718	2,714	2,708	2,472	2,682	2,836	2,739	2,743	2,856	2,584	2,686	2,547	2,644	2,666	2,615	
4	2,717	2,713	2,707	2,472	2,684	2,838	2,739	2,743	2,856	2,584	2,680	2,550	2,641	2,667	2,614	
5	2,717	2,712	2,706	2,472	2,685	2,840	2,739	2,744	2,858	2,583	2,637	2,548	2,641	2,666	2,614	
6	2,716	2,712	2,706	2,473	2,684	2,804	2,741	2,744	2,846	2,583	2,638	2,548	2,641	2,619	2,617	
7	2,717	2,711	2,701	2,475	2,685	2,789	2,741	2,743	2,830	2,583	2,637	2,547	2,646	2,617	2,571	
8	2,717	2,711	2,703	2,474	2,684	2,786	2,741	2,742	2,816	2,583	2,640	2,546	2,642	2,617	2,569	
9	2,715	2,710	1,998	2,468	2,711	2,712	2,738	2,745	2,806	2,582	2,572	2,546	2,641	2,617	2,523	
10	2,630	2,712	2,000	2,471	2,718	2,711	2,738	2,739	2,809	2,583	2,540	2,539	2,610	2,572	2,472	
11	2,307	2,711	2,000	2,470	2,513	2,710	2,737	2,740	2,809	2,579	2,540	2,543	2,463	2,349	2,469	
12	2,322	2,712	2,002	2,469	2,465	2,710	2,737	2,740	2,808	2,583	2,540	2,541	2,546	2,567	2,435	
13	1,984	2,712	2,002	2,468	2,810	2,711	2,737	2,741	2,809	2,580	2,541	2,545	2,713	2,650	2,468	
14	2,671	2,711	2,002	2,470	2,977	2,738	2,737	2,741	2,808	2,648	2,540	2,540	2,712	2,663	2,469	
15	2,670	2,712	2,264	2,471	2,964	2,739	2,737	2,741	2,808	2,736	2,540	2,597	2,708	2,665	2,469	
16	2,690	2,712	2,325	2,630	2,837	2,739	2,738	2,741	2,805	2,739	2,545	2,637	2,712	2,663	2,608	
17	2,719	2,708	2,171	2,680	2,837	2,738	2,738	2,742	2,807	2,730	2,542	2,640	2,710	2,663	2,612	
18	2,717	2,708	2,472	2,677	2,836	2,735	2,738	2,798	2,804	2,686	2,542	2,642	2,710	2,665	2,612	
19	2,716	2,708	2,470	2,681	2,841	2,738	2,736	2,856	2,804	2,686	2,542	2,642	2,665	2,665	2,611	
20	2,716	2,708	2,471	2,678	2,838	2,735	2,738	2,858	2,804	2,689	2,544	2,639	2,668	2,662	2,565	
21	2,715	2,710	2,471	2,682	2,838	2,738	2,741	2,858	2,631	2,691	2,547	2,639	2,668	2,619	2,565	
22	2,716	2,708	2,471	2,684	2,838	2,734	2,743	2,855	2,577	2,685	2,548	2,641	2,665	2,618	2,565	
23	2,715	2,708	2,474	2,682	2,838	2,738	2,741	2,858	2,580	2,684	2,548	2,643	2,667	2,615	2,568	
24	2,714	2,708	2,471	2,682	2,840	2,735	2,742	2,856	2,582	2,686	2,547	2,640	2,667	2,614	2,568	
TOTAL	63,454	65,060	57,711	61,144	66,173	66,228	65,733	66,553	66,828	63,235	62,012	61,993	63,662	63,052	61,412	
Cumulative Output Sold, kW	987,507	1,052,567	1,110,278	1,171,422	1,237,595	1,303,823	1,369,556	1,436,109	1,502,937	1,566,172	1,628,184	1,690,177	1,753,839	1,816,891	1,878,303	
Transformer and line efficienc	99.9%	99.9%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	0.0%
Hourly average	2,644	2,711	2,405	2,548	2,757	2,760	2,739	2,773	2,785	2,635	2,584	2,583	2,653	2,627	2,559	2,605

DECEMBER 2012																	
CNBE Daily Reports Summary Data																	
		Saturday 12/1/2012	Sunday 12/2/2012	Monday 12/3/2012	Tuesday 12/4/2012	Wednesday 12/5/2012	Thursday 12/6/2012	Friday 12/7/2012	Saturday 12/8/2012	Sunday 12/9/2012	Monday 12/10/2012	Tuesday 12/11/2012	Wednesday 12/12/2012	Thursday 12/13/2012	Friday 12/14/2012	Saturday 12/15/2012	
Landfill Gas Flow to the Engines (KSCF)		1,634	1,614	1,624	1,602	1,600	1,630	1,548	1,578	1,600	1,588	1,582	1,575	1,583	1,603	1,596	
Landfill Gas Flow to the Engines (MMBTU HHV)		773	799	786	771	789	771	762	796	777	825	792	760	772	791	760	
Landfill Gas Flow to the Flare (KSCF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Flow to the Flare (MMBTU HHV)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Total Flow (KSCF)		1,634	1,614	1,624	1,602	1,600	1,630	1,548	1,578	1,600	1,588	1,582	1,575	1,583	1,603	1,596	
Landfill Gas Total Flow (MMBTU HHV)		773	799	786	771	789	771	762	796	777	825	792	760	772	791	760	
Average Methane Content (%)		46.7	48.9	47.8	47.5	48.7	46.7	48.7	49.8	48.0	51.3	49.5	47.7	48.2	48.8	47.1	
Engine 1 Hours		24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
Engine 2 Hours		24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
Engine 3 Hours		24	24	24	24	24	24	21	24	24	24	24	24	24	24	24	
Engine 4 Hours		24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
Generator 1 Power Output (kWhr)		14,936	15,964	15,642	15,526	15,526	14,338	15,602	16,703	15,932	17,667	16,884	16,522	16,561	16,699	16,081	
Generator 2 Power Output (kWhr)		16,252	16,229	16,420	16,857	16,857	16,840	16,986	16,856	16,065	17,677	16,547	15,622	15,647	16,734	16,640	
Generator 3 Power Output (kWhr)		15,567	15,542	15,557	15,568	15,568	15,558	13,461	15,565	15,565	15,455	15,580	15,177	14,978	14,976	14,964	
Generator 4 Power Output (kWhr)		16,658	16,591	16,251	15,435	16,166	16,076	16,202	16,013	16,014	16,940	16,024	15,801	16,172	16,933	16,348	
Gross Power Output (kWhr)		63,415	64,326	63,852	63,364	64,086	62,788	62,240	65,112	63,568	67,731	65,017	63,112	63,347	65,329	64,051	
Net Power Output (kWhr)		61,704	62,708	62,182	61,710	62,480	61,124	60,632	63,450	61,876	66,052	63,388	61,426	61,682	63,622	62,306	
Power Sold as metered by NStar, (kWhr)		61,630	62,670	62,109	61,620	62,339	61,108	60,555	63,348	61,771	65,947	63,237	61,344	61,579	63,502	62,210	
Offgrid RECs (kWhr)		1,711	1,618	1,670	1,654	1,606	1,664	1,608	1,662	1,692	1,679	1,629	1,686	1,665	1,707	1,745	
Calculated Performance Results																	
Daily																	
Power output (kW average when running)																	
Generator 1		622	665	652	647	647	597	650	696	664	736	704	688	690	696	670	
Generator 2		677	676	684	702	702	702	708	702	669	737	689	651	652	697	693	
Generator 3		649	648	648	649	649	648	641	649	649	644	649	632	624	624	624	
Generator 4		694	691	677	643	674	670	675	667	667	706	668	658	674	706	681	
Power output (kW average over 24-hrs)																	
Facility Gross		2,642	2,680	2,661	2,640	2,670	2,616	2,593	2,713	2,649	2,822	2,709	2,630	2,639	2,722	2,669	
Facility Net		2,571	2,613	2,591	2,571	2,603	2,547	2,526	2,644	2,578	2,752	2,641	2,559	2,570	2,651	2,596	
In-plant load		71	67	70	69	67	69	67	69	71	70	68	70	69	71	73	
Daily availability factor																	
Facility		100%	100%	100%	100%	100%	100%	97%	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%	
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%	88%	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%	
Daily capacity factor																	
Facility		80%	81%	81%	80%	81%	79%	79%	82%	80%	86%	82%	80%	80%	82%	81%	
Engine 1		75%	81%	79%	78%	78%	72%	79%	84%	80%	89%	85%	83%	84%	84%	81%	
Engine 2		82%	82%	83%	85%	85%	85%	86%	85%	81%	89%	84%	79%	79%	85%	84%	
Engine 3		79%	78%	79%	79%	79%	79%	78%	79%	79%	78%	79%	77%	76%	76%	76%	
Engine 4		84%	84%	82%	78%	82%	81%	82%	81%	81%	86%	81%	80%	82%	86%	83%	
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	264	288	312	336	360	
Engine 2		24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	
Engine 3		24	48	72	96	120	144	165	189	213	237	261	285	309	333	357	
Engine 4		24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	
Engine operating run hours total from 0 hours																	
Engine 1	59,188	59,212	59,236	59,260	59,284	59,308	59,332	59,356	59,380	59,404	59,428	59,452	59,476	59,500	59,524	59,548	
Engine 2	55,324	55,348	55,372	55,396	55,420	55,444	55,468	55,492	55,516	55,540	55,564	55,588	55,612	55,636	55,660	55,684	
Engine 3	55,715	55,739	55,763	55,787	55,811	55,835	55,859	55,880	55,904	55,928	55,952	55,976	56,000	56,024	56,048	56,072	
Engine 4	54,111	54,135	54,159	54,183	54,207	54,231	54,255	54,279	54,303	54,327	54,351	54,375	54,399	54,423	54,447	54,471	
Cumulative availability, % December 1, 2012 @ 00:00 hours																	
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%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 3	100%	100%	100%	100%	100%	100%	100%	98%	98%	99%	99%	99%	99%	99%	99%	99%	
Engine 4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
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		622	1,288	1,939	2,586	3,233	3,831	4,481	5,177	5,840	6,577	7,280	7,968	8,658	9,354	10,024	
Engine 2		677	1,353	2,038	2,740	3,442	4,144	4,852	5,554	6,223	6,960	7,649	8,300	8,952	9,650	10,343	
Engine 3		649	1,296	1,944	2,593	3,242	3,890	4,531	5,180	5,828	6,472	7,121	7,754	8,378	9,002	9,625	
Engine 4		694	1,385	2,063	2,706	3,379	4,049	4,724	5,391	6,059	6,764	7,432	8,090	8,764	9,470	10,151	
Cumulative capacity factor, %																	
Engine 1		75%	78%	78%	78%	78%	77%	78%	78%	79%	80%	80%	80%	81%	81%	81%	
Engine 2		82%	82%	82%	83%	83%	84%	84%	84%	84%	84%	84%	84%	83%	84%	84%	
Engine 3		79%	79%	79%	79%	79%	79%	78%	78%	78%	78%	78%	78%	78%	78%	78%	
Engine 4		84%	84%	83%	82%	82%	82%	82%	82%	82%	82%	82%	82%	82%	82%	82%	

		Saturday 12/1/2012	Sunday 12/2/2012	Monday 12/3/2012	Tuesday 12/4/2012	Wednesday 12/5/2012	Thursday 12/6/2012	Friday 12/7/2012	Saturday 12/8/2012	Sunday 12/9/2012	Monday 12/10/2012	Tuesday 12/11/2012	Wednesday 12/12/2012	Thursday 12/13/2012	Friday 12/14/2012	Saturday 12/15/2012
Cumulative by Facility in month																
Max cumulative available engine run hours		96	192	288	384	480	576	672	768	864	960	1,056	1,152	1,248	1,344	1,440
Actual cumulative engine run hours		96	192	288	384	480	576	669	765	861	957	1,053	1,149	1,245	1,341	1,437
Cumulative Availability, %		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	99.6%	99.6%	99.7%	99.7%	99.7%	99.7%	99.8%	99.8%	99.8%
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		63,415	127,741	191,593	254,957	319,043	381,831	444,071	509,183	572,751	640,482	705,499	768,611	831,958	897,287	961,338
Cumulative Capacity Factor		80.1%	80.6%	80.6%	80.5%	80.6%	80.4%	80.1%	80.4%	80.4%	80.9%	81.0%	80.9%	80.8%	80.9%	80.9%
Cumulative fuel input, MMBtu HHV		773	1,572	2,358	3,129	3,918	4,688	5,450	6,246	7,023	7,848	8,639	9,399	10,171	10,962	11,722
Cumulative gross output, kWhr		63,415	127,741	191,593	254,957	319,043	381,831	444,071	509,183	572,751	640,482	705,499	768,611	831,958	897,287	961,338
Heat Rate																
Daily heat rate, Btu/kWe gross LHV		10,969	11,183	11,084	10,949	11,081	11,050	11,023	10,998	11,005	10,958	10,962	10,840	10,968	10,904	10,681
Daily heat rate, Btu/kWe gross HHV		12,185	12,423	12,313	12,163	12,310	12,275	12,245	12,217	12,225	12,173	12,177	12,042	12,184	12,113	11,866
Cumulative heat rate, Btu/kWe gross LHV		10,969	11,077	11,079	11,047	11,054	11,053	11,049	11,042	11,038	11,030	11,023	11,008	11,005	10,998	10,977
Cumulative heat rate, Btu/kWe gross HHV		12,185	12,305	12,307	12,271	12,279	12,278	12,274	12,267	12,262	12,252	12,246	12,229	12,225	12,217	12,194
Cumulative by Facility starting Calendar Year																
Max cumulative available engine run hours		28,520	28,616	28,712	28,808	28,904	29,000	29,096	29,192	29,288	29,384	29,480	29,576	29,672	29,768	29,864
Actual cumulative engine run hours		24,948	25,044	25,140	25,236	25,332	25,428	25,521	25,617	25,713	25,809	25,905	26,001	26,097	26,193	26,289
Cumulative Availability, %		87.5%	87.5%	87.6%	87.6%	87.6%	87.7%	87.7%	87.8%	87.8%	87.8%	87.9%	87.9%	88.0%	88.0%	88.0%
Max cumulative gross output, kWhr		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
Actual cumulative gross output, kWhr		18,218,233	18,282,559	18,346,411	18,409,775	18,473,861	18,536,649	18,598,889	18,664,001	18,727,569	18,795,300	18,860,317	18,923,429	18,986,776	19,052,105	19,116,156
Cumulative Capacity Factor		77.5%	77.5%	77.5%	77.5%	77.5%	77.5%	77.5%	77.5%	77.5%	77.6%	77.6%	77.6%	77.6%	77.6%	77.6%
Cumulative fuel input, MMBtu HHV		252,753	253,552	254,338	255,109	255,898	256,669	257,431	258,226	259,003	259,828	260,620	261,380	262,151	262,943	263,703
Cumulative gross output, kWhr		20,015,735	20,080,061	20,143,913	20,207,277	20,271,363	20,334,151	20,396,391	20,461,503	20,525,071	20,592,802	20,657,819	20,720,931	20,784,278	20,849,607	20,913,658
Cumulative heat rate, Btu/kWe gross LHV		11,367	11,367	11,366	11,365	11,364	11,363	11,362	11,361	11,359	11,358	11,357	11,355	11,354	11,353	11,351
Cumulative heat rate, Btu/kWe gross HHV		12,628	12,627	12,626	12,625	12,624	12,623	12,621	12,620	12,619	12,617	12,616	12,614	12,613	12,611	12,609
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		Saturday 12/1/2012	Sunday 12/2/2012	Monday 12/3/2012	Tuesday 12/4/2012	Wednesday 12/5/2012	Thursday 12/6/2012	Friday 12/7/2012	Saturday 12/8/2012	Sunday 12/9/2012	Monday 12/10/2012	Tuesday 12/11/2012	Wednesday 12/12/2012	Thursday 12/13/2012	Friday 12/14/2012	Saturday 12/15/2012
Hour																
1		2,566	2,571	2,617	2,568	2,569	2,571	2,548	2,638	2,637	2,640	2,760	2,567	2,568	2,594	2,687
2		2,565	2,569	2,617	2,568	2,568	2,568	2,549	2,641	2,634	2,638	2,760	2,568	2,568	2,594	2,687
3		2,567	2,582	2,616	2,569	2,568	2,569	2,551	2,636	2,636	2,642	2,760	2,570	2,568	2,595	2,687
4		2,569	2,618	2,616	2,573	2,569	2,572	2,549	2,640	2,632	2,639	2,737	2,569	2,568	2,597	2,686
5		2,566	2,618	2,613	2,569	2,569	2,569	2,550	2,642	2,635	2,644	2,715	2,568	2,569	2,596	2,685
6		2,566	2,613	2,616	2,568	2,569	2,568	2,550	2,638	2,592	2,642	2,715	2,567	2,568	2,595	2,685
7		2,566	2,616	2,617	2,571	2,570	2,572	2,549	2,641	2,542	2,641	2,716	2,569	2,569	2,595	2,685
8		2,569	2,615	2,613	2,566	2,570	2,568	2,551	2,640	2,540	2,710	2,716	2,571	2,565	2,594	2,686
9		2,565	2,617	2,521	2,565	2,577	2,537	2,548	2,642	2,540	2,713	2,679	2,441	2,518	2,625	2,685
10		2,567	2,617	2,441	2,560	2,612	2,517	2,543	2,643	2,540	2,843	2,590	2,487	2,516	2,637	2,681
11		2,568	2,616	2,443	2,564	2,612	2,519	2,544	2,643	2,539	2,852	2,567	2,497	2,517	2,636	2,680
12		2,570	2,616	2,578	2,564	2,612	2,517	2,543	2,642	2,539	2,852	2,566	2,566	2,513	2,635	2,681
13		2,568	2,617	2,610	2,565	2,612	2,518	2,583	2,643	2,540	2,853	2,577	2,575	2,513	2,677	2,682
14		2,569	2,617	2,610	2,565	2,615	2,518	2,635	2,640	2,542	2,853	2,613	2,563	2,549	2,682	2,682
15		2,573	2,617	2,610	2,565	2,616	2,518	2,637	2,640	2,542	2,853	2,613	2,561	2,586	2,685	2,678
16		2,568	2,618	2,613	2,568	2,616	2,544	2,638	2,640	2,543	2,838	2,602	2,564	2,588	2,684	2,681
17		2,566	2,617	2,614	2,569	2,616	2,543	2,638	2,637	2,540	2,761	2,570	2,565	2,590	2,683	2,588
18		2,570	2,616	2,615	2,569	2,617	2,544	2,088	2,640	2,544	2,763	2,571	2,567	2,590	2,684	2,380
19		2,569	2,617	2,614	2,569	2,616	2,546	2,011	2,639	2,541	2,763	2,567	2,567	2,591	2,684	2,382
20		2,568	2,617	2,610	2,569	2,617	2,547	2,253	2,635	2,543	2,762	2,570	2,569	2,591	2,684	2,383
21		2,569	2,617	2,606	2,569	2,617	2,546	2,575	2,638	2,542	2,762	2,567	2,569	2,592	2,685	2,384
22		2,572	2,617	2,563	2,569	2,618	2,545	2,643	2,638	2,612	2,761	2,569	2,569	2,593	2,687	2,385
23		2,567	2,616	2,566	2,569	2,617	2,546	2,638	2,635	2,639	2,761	2,569	2,567	2,594	2,687	2,385
24		2,567	2,616	2,570	2,569	2,597	2,546	2,641	2,637	2,637	2,761	2,568	2,568	2,595	2,687	2,385
TOTAL		61,630	62,670	62,109	61,620	62,339	61,108	60,555	63,348	61,771	65,947	63,237	61,344	61,579	63,502	62,210
Cumulative Output Sold, kWhr		61,630	124,300	186,409	248,029	310,368	371,476	432,031	495,379	557,150	623,097	686,334	747,678	809,257	872,759	934,969
Transformer and line efficiency		99.9%	99.9%	99.9%	99.9%	99.8%	100.0%	99.9%	99.8%	99.8%	99.8%	99.8%	99.9%	99.8%	99.8%	99.8%
Hourly average		2,568	2,611	2,588	2,568	2,597	2,546	2,523	2,640	2,574	2,748	2,635	2,556	2,566	2,646	2,592

DECEMBER 2012																	
CNBE Daily Reports Summary Data																	
	Sunday 12/16/2012	Monday 12/17/2012	Tuesday 12/18/2012	Wednesday 12/19/2012	Thursday 12/20/2012	Friday 12/21/2012	Saturday 12/22/2012	Sunday 12/23/2012	Monday 12/24/2012	Tuesday 12/25/2012	Wednesday 12/26/2012	Thursday 12/27/2012	Friday 12/28/2012	Saturday 12/29/2012	Sunday 12/30/2012	Monday 12/31/2012	TOTAL
Landfill Gas Flow to the Engines (K	1,547	1,626	1,620	1,695	1,592	1,564	1,610	1,611	1,602	1,610	1,606	1,571	1,591	1,483	1,569	1,541	49,394
Landfill Gas Flow to the Engines (M	771	830	852	850	779	820	806	785	778	782	781	823	775	750	805	795	24,503
Landfill Gas Flow to the Flare (KSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Flow to the Flare (MME	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Total Flow (KSCF)	1,547	1,626	1,620	1,695	1,592	1,564	1,610	1,611	1,602	1,610	1,606	1,571	1,591	1,483	1,569	1,541	49,394
Landfill Gas Total Flow (MMBTU Hr	771	830	852	850	779	820	806	785	778	782	781	823	775	750	805	795	24,503
Average Methane Content (%)	49.2	50.5	51.9	49.6	48.3	51.8	49.4	48.2	48.0	48.0	48.1	51.7	48.1	50.0	50.7	51.0	49.0
Engine 1 Hours	23	23	24	24	24	24	24	24	24	24	24	24	24	23	24	24	741
Engine 2 Hours	23	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	743
Engine 3 Hours	23	24	24	24	24	24	24	24	24	24	24	24	24	23	24	24	739
Engine 4 Hours	23	24	24	24	24	24	24	24	24	24	24	24	24	24	23	24	742
Generator 1 Power Output (kWhr)	15,471	15,745	16,926	16,457	15,523	16,790	16,699	16,699	16,047	15,521	16,117	16,945	15,731	13,919	15,784	15,033	495,990
Generator 2 Power Output (kWhr)	15,651	17,054	17,091	16,887	15,646	17,395	16,213	15,643	15,924	15,377	15,657	16,849	15,585	13,878	15,128	14,904	503,111
Generator 3 Power Output (kWhr)	15,704	16,433	15,198	15,201	15,203	15,198	15,201	13,915	13,764	13,764	13,763	15,001	15,200	13,273	14,462	15,087	465,448
Generator 4 Power Output (kWhr)	15,662	17,880	17,840	15,854	15,546	16,718	15,928	15,500	15,631	17,842	17,013	16,279	15,033	14,235	15,177	16,057	501,819
Gross Power Output (kWhr)	62,489	67,101	67,049	64,389	61,920	66,105	64,054	61,789	61,377	62,521	62,550	65,068	61,552	55,355	60,591	61,090	1,966,338
Net Power Output (kWhr)	60,960	65,670	65,596	62,766	60,256	64,448	62,410	60,168	59,786	60,898	60,904	63,458	59,862	53,892	59,226	59,706	1,916,348
Power Sold as metered by NStar, (t	60,798	65,528	65,433	62,642	60,132	64,304	62,295	60,058	59,685	60,787	60,819	63,329	59,761	53,874	59,145	59,684	1,913,243
Offgrid RECs (kWhr)	1,529	1,431	1,453	1,623	1,664	1,657	1,644	1,621	1,591	1,623	1,646	1,610	1,690	1,463	1,365	1,384	49,990
Calculated Performance Results																	
Daily																	
Power output (kW average whe																	
Generator 1	673	685	705	686	647	700	696	696	669	647	672	706	655	605	658	626	
Generator 2	680	711	712	704	652	725	676	652	664	641	652	702	649	578	630	621	
Generator 3	683	685	633	633	633	633	633	580	574	574	573	625	633	577	603	629	
Generator 4	681	745	743	661	648	697	664	646	651	743	709	678	626	593	660	669	
Power output (kW average over																	
Facility Gross	2,604	2,796	2,794	2,683	2,580	2,754	2,669	2,575	2,557	2,605	2,606	2,711	2,565	2,306	2,525	2,545	
Facility Net	2,540	2,736	2,733	2,615	2,511	2,685	2,600	2,507	2,491	2,537	2,538	2,644	2,494	2,246	2,468	2,488	
In-plant load	64	60	61	68	69	69	69	68	66	68	69	67	70	61	57	58	
Daily availability factor																	
Facility	96%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	98%	99%	100%	
Engine 1	96%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	
Engine 2	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 3	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	
Engine 4	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	
Daily capacity factor																	
Facility	79%	85%	85%	81%	78%	83%	81%	78%	77%	79%	79%	82%	78%	70%	77%	77%	
Engine 1	82%	83%	85%	83%	78%	85%	84%	84%	81%	78%	81%	86%	79%	73%	80%	76%	
Engine 2	82%	86%	86%	85%	79%	88%	82%	79%	80%	78%	79%	85%	79%	70%	76%	75%	
Engine 3	83%	83%	77%	77%	77%	77%	77%	70%	70%	70%	70%	76%	77%	70%	73%	76%	
Engine 4	83%	90%	90%	80%	79%	84%	80%	78%	79%	90%	86%	82%	76%	72%	80%	81%	
Cumulative by engine																	
Engine operating run hours in t																	
Max Cumulative Available, l	384	408	432	456	480	504	528	552	576	600	624	648	672	696	720	744	
Engine 1	383	406	430	454	478	502	526	550	574	598	622	646	670	693	717	694	
Engine 2	383	407	431	455	479	503	527	551	575	599	623	647	671	695	719	695	
Engine 3	380	404	428	452	476	500	524	548	572	596	620	644	668	691	715	692	
Engine 4	383	407	431	455	479	503	527	551	575	599	623	647	671	695	718	695	
Engine operating run hours tota																	
Engine 1	59,571	59,594	59,618	59,642	59,666	59,690	59,714	59,738	59,762	59,786	59,810	59,834	59,858	59,881	59,905	59,882	
Engine 2	55,707	55,731	55,755	55,779	55,803	55,827	55,851	55,875	55,899	55,923	55,947	55,971	55,995	56,019	56,043	56,019	
Engine 3	56,095	56,119	56,143	56,167	56,191	56,215	56,239	56,263	56,287	56,311	56,335	56,359	56,383	56,407	56,430	56,407	
Engine 4	54,494	54,518	54,542	54,566	54,590	54,614	54,638	54,662	54,686	54,710	54,734	54,758	54,782	54,806	54,829	54,806	
Cumulative availability, %																	
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	93%	
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	93%	
Engine 3	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	93%	
Engine 4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	93%	
Engine cumulative gross output																	
Max cumulative capacity on	13,200	14,025	14,850	15,675	16,500	17,325	18,150	18,975	19,800	20,625	21,450	22,275	23,100	23,925	24,750	23,925	
Engine 1	10,697	11,382	12,087	12,772	13,419	14,119	14,815	15,510	16,179	16,826	17,497	18,203	18,859	19,464	20,122	19,485	
Engine 2	11,023	11,734	12,446	13,150	13,802	14,526	15,202	15,854	16,517	17,158	17,810	18,512	19,162	19,740	20,370	19,783	
Engine 3	10,308	10,993	11,626	12,259	12,893	13,526	14,159	14,739	15,313	15,886	16,460	17,085	17,718	18,295	18,898	18,347	
Engine 4	10,832	11,577	12,320	12,981	13,629	14,325	14,989	15,635	16,286	17,029	17,738	18,417	19,043	19,636	20,296	19,712	
Cumulative capacity factor, %																	
Engine 1	81%	81%	81%	81%	81%	81%	82%	82%	82%	82%	82%	82%	82%	81%	81%	81%	
Engine 2	84%	84%	84%	84%	84%	84%	84%	84%	83%	83%	83%	83%	83%	83%	82%	83%	
Engine 3	78%	78%	78%	78%	78%	78%	78%	78%	77%	77%	77%	77%	77%	76%	76%	77%	
Engine 4	83%	83%	83%	83%	83%	83%	83%	82%	82%	83%	83%	83%	82%	82%	82%	82%	

	Sunday 12/16/2012	Monday 12/17/2012	Tuesday 12/18/2012	Wednesday 12/19/2012	Thursday 12/20/2012	Friday 12/21/2012	Saturday 12/22/2012	Sunday 12/23/2012	Monday 12/24/2012	Tuesday 12/25/2012	Wednesday 12/26/2012	Thursday 12/27/2012	Friday 12/28/2012	Saturday 12/29/2012	Sunday 12/30/2012	Monday 12/31/2012	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	2,784	
Actual cumulative engine run h	1,529	1,624	1,720	1,816	1,912	2,008	2,104	2,200	2,296	2,392	2,488	2,584	2,680	2,774	2,869	2,776	
Cumulative Availability, %	99.5%	99.5%	99.5%	99.6%	99.6%	99.6%	99.6%	99.6%	99.7%	99.7%	99.7%	99.7%	99.7%	99.6%	99.6%	99.7%	
Max cumulative gross output, k	1,267,200	1,346,400	1,425,600	1,504,800	1,584,000	1,663,200	1,742,400	1,821,600	1,900,800	1,980,000	2,059,200	2,138,400	2,217,600	2,296,800	2,376,000	2,296,800	
Actual cumulative gross output,	1,023,827	1,090,928	1,157,977	1,222,366	1,284,286	1,350,391	1,414,445	1,476,234	1,537,611	1,600,132	1,662,682	1,727,750	1,789,302	1,844,657	1,905,248	1,850,392	
Cumulative Capacity Factor	80.8%	81.0%	81.2%	81.2%	81.1%	81.2%	81.2%	81.0%	80.9%	80.8%	80.7%	80.8%	80.7%	80.3%	80.2%	80.6%	
Cumulative fuel input, MMBtu H	12,493	13,324	14,175	15,025	15,804	16,624	17,430	18,215	18,993	19,774	20,556	21,378	22,153	22,904	23,708	22,948	
Cumulative gross output, kWhr	1,023,827	1,090,928	1,157,977	1,222,366	1,284,286	1,350,391	1,414,445	1,476,234	1,537,611	1,600,132	1,662,682	1,727,750	1,789,302	1,844,657	1,905,248	1,850,392	
Heat Rate																	
Daily heat rate, Btu/kWe gross l	11,107	11,139	11,434	11,884	11,319	11,168	11,323	11,438	11,415	11,252	11,241	11,383	11,336	12,202	11,955	11,712	
Daily heat rate, Btu/kWe gross l	12,338	12,374	12,701	13,201	12,574	12,406	12,578	12,706	12,681	12,500	12,488	12,645	12,593	13,554	13,281	13,010	
Cumulative heat rate, Btu/kWe	10,985	10,994	11,020	11,065	11,077	11,082	11,093	11,107	11,119	11,125	11,129	11,139	11,145	11,177	11,202	11,164	
Cumulative heat rate, Btu/kWe	12,203	12,213	12,241	12,292	12,306	12,310	12,323	12,339	12,352	12,358	12,363	12,374	12,381	12,416	12,444	12,402	
Cumulative by Facility starting C																	
Max cumulative available engin	29,960	30,056	30,152	30,248	30,344	30,440	30,536	30,632	30,728	30,824	30,920	31,016	31,112	31,208	31,304	31,208	
Actual cumulative engine run h	26,381	26,476	26,572	26,668	26,764	26,860	26,956	27,052	27,148	27,244	27,340	27,436	27,532	27,626	27,721	27,628	
Cumulative Availability, %	88.1%	88.1%	88.1%	88.2%	88.2%	88.2%	88.3%	88.3%	88.3%	88.4%	88.4%	88.5%	88.5%	88.5%	88.6%	88.5%	
Max cumulative gross output, k	24,710,400	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	25,819,200	25,740,000	
Actual cumulative gross output,	19,178,645	19,245,746	19,312,795	19,377,184	19,439,104	19,505,209	19,569,263	19,631,052	19,692,429	19,754,950	19,817,500	19,882,568	19,944,120	19,999,475	20,060,066	20,005,210	
Cumulative Capacity Factor	77.6%	77.6%	77.7%	77.7%	77.7%	77.7%	77.7%	77.7%	77.7%	77.7%	77.7%	77.7%	77.7%	77.7%	77.7%	77.7%	
Cumulative fuel input, MMBtu H	264,474	265,304	266,156	267,006	267,784	268,604	269,410	270,195	270,973	271,755	272,536	273,359	274,134	274,884	275,689	274,929	
Cumulative gross output, kWhr	20,976,147	21,043,248	21,110,297	21,174,686	21,236,606	21,302,711	21,366,765	21,428,554	21,489,931	21,552,452	21,615,002	21,680,070	21,741,622	21,796,977	21,857,568	21,802,712	
Cumulative heat rate, Btu/kWe	11,350	11,349	11,350	11,351	11,351	11,351	11,350	11,351	11,351	11,351	11,350	11,350	11,350	11,352	11,354	11,351	
Cumulative heat rate, Btu/kWe	12,608	12,608	12,608	12,610	12,610	12,609	12,609	12,609	12,609	12,609	12,609	12,609	12,609	12,609	12,611	12,613	
Service																	
Engine 1														NStar Trips			
Engine 2	2 NStar trips													Snow storm			
Engine 3																	
Engine 4																	
Oil - oil and filter change																	
Service - plugs, air filter, valve inspr																	
Precipitation																	
NSTAR Power Reports																	
Date	12/16/2012	12/17/2012	12/18/2012	12/19/2012	12/20/2012	12/21/2012	12/22/2012	12/23/2012	12/24/2012	12/25/2012	12/26/2012	12/27/2012	12/28/2012	12/29/2012	12/30/2012	12/31/2012	TOTAL
Hour																	
1	2,385	2,783	2,724	2,681	2,506	2,502	2,715	2,552	2,496	2,594	2,494	2,574	2,576	2,482	-	2,539	
2	2,386	2,784	2,725	2,682	2,509	2,503	2,701	2,552	2,497	2,591	2,493	2,574	2,562	2,482	790	2,540	
3	2,387	2,782	2,725	2,680	2,506	2,507	2,652	2,524	2,498	2,590	2,493	2,573	2,526	2,482	3,023	2,540	
4	2,387	2,785	2,725	2,682	2,505	2,503	2,649	2,497	2,497	2,592	2,494	2,613	2,528	2,482	3,017	2,540	
5	2,387	2,782	2,722	2,679	2,506	2,504	2,650	2,496	2,497	2,593	2,494	2,632	2,528	2,482	2,955	2,539	
6	2,385	2,783	2,725	2,681	2,508	2,508	2,652	2,494	2,496	2,590	2,495	2,630	2,526	2,482	2,892	2,539	
7	2,385	2,726	2,726	2,680	2,508	2,505	2,649	2,494	2,495	2,590	2,499	2,630	2,527	2,482	2,866	2,538	
8	2,386	2,723	2,726	2,681	2,504	2,508	2,653	2,495	2,496	2,594	2,500	2,631	2,528	2,483	2,865	2,538	
9	1,699	2,722	2,773	2,632	2,502	2,566	2,650	2,497	2,496	2,591	2,499	2,651	2,453	2,483	2,679	2,536	
10	2,897	2,606	2,782	2,606	2,504	2,823	2,558	2,495	2,474	2,528	2,491	2,794	2,403	2,485	2,535	2,456	
11	2,806	2,505	2,782	2,601	2,503	2,811	2,554	2,496	2,402	2,498	2,492	2,773	2,405	2,485	2,538	2,416	
12	2,773	2,802	2,782	2,601	2,530	2,841	2,557	2,497	2,402	2,495	2,513	2,768	2,451	2,519	2,535	2,414	
13	2,722	2,766	2,782	2,601	2,521	2,844	2,557	2,495	2,403	2,496	2,604	2,757	2,472	2,578	2,536	2,430	
14	2,713	2,745	2,782	2,601	2,501	2,840	2,554	2,499	2,403	2,499	2,564	2,706	2,473	2,579	2,539	2,465	
15	2,712	2,729	2,781	2,602	2,500	2,833	2,557	2,496	2,401	2,495	2,568	2,640	2,475	2,581	2,537	2,464	
16	2,713	2,721	2,709	2,604	2,501	2,832	2,554	2,499	2,405	2,496	2,567	2,628	2,480	2,578	2,537	2,465	
17	2,714	2,723	2,683	2,574	2,500	2,764	2,558	2,496	2,403	2,496	2,567	2,627	2,480	2,579	2,537	2,466	
18	2,713	2,725	2,683	2,556	2,502	2,763	2,554	2,501	2,403	2,494	2,571	2,624	2,482	1,993	2,537	2,468	
19	1,412	2,723	2,683	2,554	2,504	2,760	2,554	2,497	2,544	2,494	2,568	2,620	2,480	2,000	2,537	2,466	
20	2,401	2,722	2,683	2,551	2,501	2,733	2,554	2,497	2,607	2,496	2,569	2,578	2,481	2,817	2,537	2,464	
21	2,966	2,723	2,682	2,554	2,502	2,715	2,554	2,497	2,594	2,494	2,571	2,576	2,482	2,859	2,537	2,464	
22	2,870	2,721	2,683	2,549	2,502	2,712	2,554	2,500	2,592	2,494	2,570	2,576	2,481	1,481	2,539	2,465	
23	2,817	2,724	2,683	2,506	2,505	2,715	2,553	2,496	2,592	2,493	2,571	2,577	2,481	-	2,538	2,465	
24	2,782	2,723	2,682	2,504	2,502	2,712	2,552	2,496	2,592	2,494	2,572	2,577	2,481	-	2,539	2,467	
TOTAL	60,798	65,528	65,433	62,642	60,132	64,304	62,295	60,058	59,685	60,787	60,819	63,329	59,761	53,874	59,145	59,684	
Cumulative Output Sold, kW	995,767	1,061,295	1,126,728	1,189,370	1,249,502	1,313,806	1,376,101	1,436,159	1,495,844	1,556,631	1,617,450	1,680,779	1,740,540	1,794,414	1,853,559	1,913,243	
Transformer and line efficienc	99.7%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.9%	99.8%	99.8%	100.0%	99.9%	100.0%	0.0%
Hourly average	2,533	2,730	2,726	2,610	2,506	2,679	2,596	2,502	2,487	2,533	2,534	2,639	2,490	2,245	2,464	2,487	2,572

JANUARY 2013																
CNBE Daily Reports Summary Data																
	Tuesday 1/1/2013	Wednesday 1/2/2013	Thursday 1/3/2013	Friday 1/4/2013	Saturday 1/5/2013	Sunday 1/6/2013	Monday 1/7/2013	Tuesday 1/8/2013	Wednesday 1/9/2013	Thursday 1/10/2013	Friday 1/11/2013	Saturday 1/12/2013	Sunday 1/13/2013	Monday 1/14/2013	Tuesday 1/15/2013	
Landfill Gas Flow to the Engines (KSCF)	1,499	1,560	1,611	1,531	1,481	1,546	1,465	1,431	1,541	1,573	1,526	1,537	1,562	1,541	1,448	
Landfill Gas Flow to the Engines (MMBTU HHV)	788	769	779	754	713	755	705	710	738	737	726	750	755	740	664	
Landfill Gas Flow to the Flare (KSCF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Flow to the Flare (MMBTU HHV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Total Flow (KSCF)	1,499	1,560	1,611	1,531	1,481	1,546	1,465	1,431	1,541	1,573	1,526	1,537	1,562	1,541	1,448	
Landfill Gas Total Flow (MMBTU HHV)	788	769	779	754	713	755	705	710	738	737	726	750	755	740	664	
Average Methane Content (%)	51.9	48.7	47.8	48.7	47.5	48.3	47.5	49.0	47.3	46.3	47.0	48.2	47.7	47.5	45.3	
Engine 1 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	23	
Engine 2 Hours	24	24	24	23	-	24	24	23	24	24	24	24	24	24	22	
Engine 3 Hours	24	24	24	11	23	-	-	-	8	24	24	24	24	24	21	
Engine 4 Hours	24	24	24	24	23	24	24	24	24	24	24	24	24	24	23	
Generator 1 Power Output (kWhr)	14,349	14,642	15,575	18,209	19,465	18,459	18,985	19,311	17,924	15,478	14,351	15,040	15,173	15,170	13,151	
Generator 2 Power Output (kWhr)	14,442	14,738	15,701	17,781	18,747	19,852	20,036	19,916	18,929	15,711	15,292	15,296	15,297	15,292	13,455	
Generator 3 Power Output (kWhr)	15,087	14,911	14,617	6,265	-	-	-	-	5,673	14,747	14,966	14,968	14,967	14,967	13,285	
Generator 4 Power Output (kWhr)	16,645	15,486	15,867	18,379	18,539	20,075	20,020	20,049	17,661	14,691	15,552	16,074	16,636	16,445	14,712	
Gross Power Output (kWhr)	60,539	59,794	61,767	60,664	56,828	58,524	59,119	59,346	60,217	60,633	60,170	61,369	62,070	61,877	54,601	
Net Power Output (kWhr)	59,180	58,272	60,092	59,116	55,378	57,044	57,612	57,862	58,584	58,952	58,534	59,736	60,380	60,214	53,068	
Power Sold as metered by NStar, (kWhr)	59,129	58,250	60,091	59,106	55,272	56,965	57,544	57,832	58,528	58,879	58,474	59,654	60,280	60,106	53,047	
Offgrid RECs (kWhr)	1,359	1,522	1,675	1,549	1,449	1,480	1,505	1,485	1,633	1,682	1,635	1,633	1,690	1,664	1,531	
Calculated Performance Results																
Daily																
Power output (kW average when running)																
Generator 1	598	610	649	759	811	769	791	805	747	645	598	627	632	632	572	
Generator 2	602	614	654	773	-	827	835	866	789	655	637	637	637	637	612	
Generator 3	629	621	609	570	-	-	-	-	709	614	624	624	624	624	633	
Generator 4	694	645	661	766	806	836	834	835	736	612	648	670	693	685	640	
Power output (kW average over 24-hrs)																
Facility Gross	2,522	2,491	2,574	2,528	2,368	2,439	2,463	2,473	2,509	2,526	2,507	2,557	2,586	2,578	2,275	
Facility Net	2,466	2,428	2,504	2,463	2,307	2,377	2,401	2,411	2,441	2,456	2,439	2,489	2,516	2,509	2,211	
In-plant load	57	63	70	65	60	62	63	62	68	70	68	68	70	69	64	
Daily availability factor																
Facility	100%	100%	100%	85%	73%	75%	75%	74%	83%	100%	100%	100%	100%	100%	93%	
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	
Engine 2	100%	100%	100%	96%	0%	100%	100%	96%	100%	100%	100%	100%	100%	100%	92%	
Engine 3	100%	100%	100%	46%	96%	0%	0%	0%	33%	100%	100%	100%	100%	100%	88%	
Engine 4	100%	100%	100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	
Daily capacity factor																
Facility	76%	75%	78%	77%	72%	74%	75%	75%	76%	77%	76%	77%	78%	78%	69%	
Engine 1	72%	74%	79%	92%	98%	93%	96%	98%	91%	78%	72%	76%	77%	77%	69%	
Engine 2	73%	74%	79%	94%	0%	100%	101%	105%	96%	79%	77%	77%	77%	77%	74%	
Engine 3	76%	75%	74%	69%	0%	0%	0%	0%	86%	74%	76%	76%	76%	76%	77%	
Engine 4	84%	78%	80%	93%	98%	101%	101%	101%	89%	74%	79%	81%	84%	83%	78%	
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	264	288	312	336	359	
Engine 2	24	48	72	95	95	119	143	166	190	214	238	262	286	310	332	
Engine 3	24	48	72	83	106	106	106	106	114	138	162	186	210	234	255	
Engine 4	24	48	72	96	119	143	167	191	215	239	263	287	311	335	358	
Engine operating run hours total from 0 hours																
Engine 1	59,882	59,906	59,930	59,954	59,978	60,002	60,026	60,050	60,074	60,098	60,122	60,146	60,170	60,194	60,218	60,241
Engine 2	56,019	56,043	56,067	56,091	56,114	56,138	56,162	56,185	56,209	56,233	56,257	56,281	56,305	56,329	56,351	
Engine 3	56,407	56,431	56,455	56,479	56,490	56,513	56,513	56,513	56,521	56,545	56,569	56,593	56,617	56,641	56,662	
Engine 4	54,806	54,830	54,854	54,878	54,902	54,925	54,949	54,973	54,997	55,021	55,045	55,069	55,093	55,117	55,141	55,164
Cumulative availability, % January 1, 2013 @ 00:00 hours																
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 2	100%	100%	100%	99%	79%	83%	85%	86%	88%	89%	90%	91%	92%	92%	92%	
Engine 3	100%	100%	100%	86%	88%	74%	63%	55%	58%	61%	65%	67%	70%	71%	71%	
Engine 4	100%	100%	100%	100%	99%	99%	99%	99%	100%	100%	100%	100%	100%	100%	99%	
Engine cumulative gross output, kWhr																
Max cumulative capacity one engine	825	1,650	2,475	3,300	4,125	4,950	5,775	6,600	7,425	8,250	9,075	9,900	10,725	11,550	12,375	
Engine 1	598	1,208	1,857	2,616	3,427	4,196	4,987	5,791	6,538	7,183	7,781	8,408	9,040	9,672	10,244	
Engine 2	602	1,216	1,870	2,643	2,643	3,470	4,305	5,171	5,960	6,614	7,252	7,889	8,526	9,163	9,775	
Engine 3	629	1,250	1,859	2,429	2,429	2,429	2,429	2,429	3,138	3,752	4,376	4,999	5,623	6,247	6,879	
Engine 4	694	1,339	2,000	2,766	3,572	4,408	5,242	6,078	6,814	7,426	8,074	8,744	9,437	10,122	10,762	
Cumulative capacity factor, %																
Engine 1	72%	73%	75%	79%	83%	85%	86%	88%	88%	87%	86%	85%	84%	84%	83%	
Engine 2	73%	74%	76%	80%	64%	70%	75%	78%	80%	80%	80%	80%	79%	79%	79%	
Engine 3	76%	76%	75%	74%	59%	49%	42%	37%	42%	45%	48%	50%	52%	54%	56%	
Engine 4	84%	81%	81%	84%	87%	89%	91%	92%	92%	90%	89%	88%	88%	88%	87%	

		Tuesday 1/1/2013	Wednesday 1/2/2013	Thursday 1/3/2013	Friday 1/4/2013	Saturday 1/5/2013	Sunday 1/6/2013	Monday 1/7/2013	Tuesday 1/8/2013	Wednesday 1/9/2013	Thursday 1/10/2013	Friday 1/11/2013	Saturday 1/12/2013	Sunday 1/13/2013	Monday 1/14/2013	Tuesday 1/15/2013
Cumulative by Facility in month																
Max cumulative available engine run hours	96	192	288	384	480	576	672	768	864	960	1,056	1,152	1,248	1,344	1,440	
Actual cumulative engine run hours	96	192	288	370	440	512	584	655	735	831	927	1,023	1,119	1,215	1,304	
Cumulative Availability, %	100.0%	100.0%	100.0%	96.4%	91.7%	88.9%	86.9%	85.3%	85.1%	86.6%	87.8%	88.8%	89.7%	90.4%	90.6%	
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	60,539	120,333	182,100	242,764	299,592	358,116	417,235	476,581	536,798	597,431	657,601	718,970	781,040	842,917	897,518	
Cumulative Capacity Factor	76.4%	76.0%	76.6%	76.6%	76.6%	75.4%	75.3%	75.2%	75.3%	75.4%	75.5%	75.6%	75.9%	76.0%	75.5%	
Cumulative fuel input, MMBtu HHV	788	1,557	2,336	3,091	3,803	4,558	5,263	5,973	6,711	7,448	8,174	8,924	9,679	10,419	11,083	
Cumulative gross output, kWhr	60,539	120,333	182,100	242,764	299,592	358,116	417,235	476,581	536,798	597,431	657,601	718,970	781,040	842,917	897,518	
Heat Rate																
Daily heat rate, Btu/kWe gross LHV	11,710	11,583	11,359	11,193	11,287	11,618	10,735	10,764	11,033	10,946	10,854	11,006	10,947	10,771	10,946	
Daily heat rate, Btu/kWe gross HHV	13,008	12,868	12,618	12,434	12,538	12,906	11,925	11,957	12,256	12,160	12,058	12,226	12,160	11,966	12,159	
Cumulative heat rate, Btu/kWe gross LHV	11,710	11,647	11,549	11,460	11,427	11,458	11,356	11,282	11,254	11,223	11,189	11,174	11,156	11,127	11,116	
Cumulative heat rate, Btu/kWe gross HHV	13,008	12,938	12,830	12,731	12,694	12,729	12,615	12,533	12,502	12,467	12,430	12,412	12,392	12,361	12,349	
Cumulative by Facility starting Calendar Year																
Max cumulative available engine run hours	96	192	288	384	480	576	672	768	864	960	1,056	1,152	1,248	1,344	1,440	
Actual cumulative engine run hours	96	192	288	370	440	512	584	655	735	831	927	1,023	1,119	1,215	1,304	
Cumulative Availability, %	100.0%	100.0%	100.0%	96.4%	91.7%	88.9%	86.9%	85.3%	85.1%	86.6%	87.8%	88.8%	89.7%	90.4%	90.6%	
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	60,539	120,333	182,100	242,764	299,592	358,116	417,235	476,581	536,798	597,431	657,601	718,970	781,040	842,917	897,518	
Cumulative Capacity Factor	76.4%	76.0%	76.6%	76.6%	75.7%	75.4%	75.3%	75.2%	75.3%	75.4%	75.5%	75.6%	75.9%	76.0%	75.5%	
Cumulative fuel input, MMBtu HHV	788	1,557	2,336	3,091	3,803	4,558	5,263	5,973	6,711	7,448	8,174	8,924	9,679	10,419	11,083	
Cumulative gross output, kWhr	60,539	120,333	182,100	242,764	299,592	358,116	417,235	476,581	536,798	597,431	657,601	718,970	781,040	842,917	897,518	
Cumulative heat rate, Btu/kWe gross LHV	11,710	11,647	11,549	11,460	11,427	11,458	11,356	11,282	11,254	11,223	11,189	11,174	11,156	11,127	11,116	
Cumulative heat rate, Btu/kWe gross HHV	13,008	12,938	12,830	12,731	12,694	12,729	12,615	12,533	12,502	12,467	12,430	12,412	12,392	12,361	12,349	
Service																
Engine 1							Monthly operations meeting									NStar trips due to
Engine 2																Snow storm. Wee
Engine 3				Elevated cylinder temps burn 10 heads												
Engine 4																
Oil - oil and filter change																
Service - plugs, air filter, valve inspection and adjustment																
Precipitation																
NSTAR Power Reports																
Date		Tuesday 1/1/2013	Wednesday 1/2/2013	Thursday 1/3/2013	Friday 1/4/2013	Saturday 1/5/2013	Sunday 1/6/2013	Monday 1/7/2013	Tuesday 1/8/2013	Wednesday 1/9/2013	Thursday 1/10/2013	Friday 1/11/2013	Saturday 1/12/2013	Sunday 1/13/2013	Monday 1/14/2013	Tuesday 1/15/2013
Hour																
1		2,464	2,463	2,524	2,521	2,458	2,373	2,372	2,446	2,434	2,522	2,410	2,457	2,513	2,512	2,497
2		2,463	2,463	2,524	2,522	2,458	2,373	2,372	2,446	2,434	2,521	2,411	2,460	2,509	2,512	2,497
3		2,462	2,466	2,525	2,524	2,458	2,373	2,371	2,446	2,435	2,520	2,412	2,458	2,508	2,512	2,501
4		2,463	2,466	2,527	2,524	2,457	2,374	2,371	2,446	2,434	2,519	2,413	2,461	2,513	2,511	2,499
5		2,465	2,465	2,526	2,523	2,457	2,374	2,370	2,446	2,434	2,518	2,413	2,491	2,509	2,512	2,499
6		2,464	2,463	2,526	2,521	2,458	2,375	2,371	2,447	2,435	2,520	2,413	2,491	2,509	2,511	2,500
7		2,462	2,462	2,527	2,522	2,459	2,375	2,370	2,447	2,419	2,520	2,412	2,494	2,513	2,511	2,502
8		2,463	2,462	2,529	2,520	2,460	2,375	2,352	2,448	2,369	2,500	2,412	2,491	2,508	2,513	2,479
9		2,464	2,128	2,394	2,519	2,313	2,375	2,328	2,441	2,363	2,322	2,410	2,491	2,512	2,514	2,453
10		2,466	1,953	2,395	2,474	2,279	2,375	2,268	2,434	2,361	2,325	2,409	2,490	2,510	2,508	2,437
11		2,464	2,085	2,422	1,950	2,279	2,376	2,420	2,377	2,364	2,417	2,416	2,493	2,513	2,509	2,415
12		2,462	2,273	2,469	2,488	1,847	2,372	2,438	1,962	2,360	2,434	2,456	2,490	2,511	2,508	2,397
13		2,465	2,373	2,491	2,455	1,683	2,375	2,457	2,332	2,357	2,459	2,454	2,494	2,515	2,505	2,407
14		2,465	2,501	2,509	2,460	1,659	2,372	2,394	2,415	2,358	2,458	2,456	2,490	2,515	2,493	2,414
15		2,463	2,531	2,516	2,460	1,959	2,375	2,377	2,413	2,276	2,453	2,456	2,492	2,515	2,493	2,433
16		2,464	2,518	2,517	2,458	2,438	2,372	2,392	2,411	2,519	2,439	2,458	2,490	2,514	2,494	2,442
17		2,464	2,521	2,520	2,458	2,437	2,374	2,411	2,429	2,525	2,441	2,460	2,490	2,514	2,498	2,445
18		2,466	2,522	2,522	2,461	2,436	2,374	2,440	2,435	2,523	2,444	2,457	2,489	2,512	2,499	2,448
19		2,464	2,522	2,523	2,457	2,419	2,374	2,443	2,438	2,524	2,442	2,456	2,492	2,512	2,500	2,448
20		2,463	2,522	2,523	2,457	2,371	2,372	2,445	2,434	2,520	2,442	2,457	2,489	2,513	2,500	2,446
21		2,463	2,523	2,521	2,457	2,372	2,372	2,445	2,434	2,520	2,437	2,461	2,488	2,510	2,499	2,446
22		2,464	2,523	2,520	2,458	2,372	2,372	2,445	2,436	2,524	2,408	2,457	2,488	2,510	2,497	623
23		2,464	2,522	2,520	2,460	2,371	2,371	2,446	2,435	2,520	2,409	2,457	2,486	2,511	2,497	217
24		2,462	2,523	2,521	2,457	2,372	2,372	2,446	2,434	2,520	2,409	2,458	2,499	2,511	2,498	602
TOTAL		59,129	58,250	60,091	59,106	55,272	56,965	57,544	57,832	58,528	58,879	58,474	59,654	60,280	60,106	53,047
Cumulative Output Sold, kWhr		59,129	117,379	177,470	236,576	291,848	348,813	406,357	464,189	522,717	581,596	640,070	699,724	760,004	820,110	873,157
Transformer and line efficiency		99.9%	100.0%	100.0%	100.0%	99.8%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.8%	99.8%	100.0%
Hourly average		2,464	2,427	2,504	2,463	2,303	2,374	2,398	2,410	2,439	2,453	2,436	2,486	2,512	2,504	2,210

JANUARY 2013																	
CNBE Daily Reports Summary Data																	
	Wednesday 1/16/2013	Thursday 1/17/2013	Friday 1/18/2013	Saturday 1/19/2013	Sunday 1/20/2013	Monday 1/21/2013	Tuesday 1/22/2013	Wednesday 1/23/2013	Thursday 1/24/2013	Friday 1/25/2013	Saturday 1/26/2013	Sunday 1/27/2013	Monday 1/28/2013	Tuesday 1/29/2013	Wednesday 1/30/2013	Thursday 1/31/2013	TOTAL
Landfill Gas Flow to the Engines (K	1,454	1,568	1,567	1,562	1,577	1,574	1,546	1,557	1,532	1,480	1,499	1,471	1,535	1,535	1,542	1,595	47,445
Landfill Gas Flow to the Engines (M	764	792	764	779	796	771	757	750	746	730	743	716	775	763	799	833	23,361
Landfill Gas Flow to the Flare (KSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Flow to the Flare (MME	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Total Flow (KSCF)	1,454	1,568	1,567	1,562	1,577	1,574	1,546	1,557	1,532	1,480	1,499	1,471	1,535	1,535	1,542	1,595	47,445
Landfill Gas Total Flow (MMBTU H	764	792	764	779	796	771	757	750	746	730	743	716	775	763	799	833	23,361
Average Methane Content (%)	51.9	49.9	48.2	49.3	49.9	48.4	48.3	47.6	48.1	48.7	49.0	48.1	49.9	49.1	51.2	51.6	48.7
Engine 1 Hours	23	24	24	24	24	24	24	24	18	8	-	-	13	8	17	24	638
Engine 2 Hours	22	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	714
Engine 3 Hours	22	24	24	24	24	24	24	22	24	24	24	24	24	24	24	24	635
Engine 4 Hours	23	24	24	24	24	24	24	24	23	24	24	24	24	24	24	24	740
Generator 1 Power Output (kWhr)	12,874	15,468	14,966	15,522	15,521	14,974	15,434	14,540	10,851	4,575	-	-	7,700	4,938	9,394	15,375	417,414
Generator 2 Power Output (kWhr)	14,366	15,756	14,764	15,031	15,303	14,970	15,078	15,328	16,239	18,204	20,374	19,569	18,539	19,133	18,101	16,853	518,093
Generator 3 Power Output (kWhr)	14,071	15,666	14,792	15,557	15,329	14,369	14,369	13,332	15,775	17,881	20,213	19,415	18,319	18,991	17,977	16,227	406,736
Generator 4 Power Output (kWhr)	15,340	16,568	15,404	15,749	16,734	16,514	15,553	15,519	15,468	17,828	20,006	19,280	18,254	18,783	17,751	15,818	527,400
Gross Power Output (kWhr)	56,717	63,447	59,915	61,876	62,911	60,841	60,449	58,726	58,312	58,450	60,519	58,207	62,755	61,773	63,172	64,264	1,869,852
Net Power Output (kWhr)	55,288	61,768	58,228	60,260	61,296	59,144	58,740	57,048	56,632	56,728	58,668	56,524	61,168	60,256	61,732	62,696	1,820,200
Power Sold as metered by NStar, (t	55,164	61,651	58,143	60,123	61,135	59,044	58,648	56,983	56,569	56,632	58,585	56,445	61,083	60,139	61,572	62,553	1,817,626
Offgrid RECs (kWhr)	1,430	1,680	1,687	1,615	1,616	1,696	1,710	1,678	1,680	1,722	1,851	1,683	1,587	1,517	1,440	1,568	49,652
Calculated Performance Results																	
Daily																	
Power output (kW average whe																	
Generator 1	560	645	624	647	647	624	643	606	603	572	-	-	592	617	553	641	
Generator 2	653	657	615	626	638	624	628	639	677	759	849	815	772	797	754	702	
Generator 3	640	653	616	648	639	599	599	606	657	745	842	809	763	791	749	676	
Generator 4	667	690	642	656	697	688	648	647	673	743	834	803	761	783	740	659	
Power output (kW average over																	
Facility Gross	2,363	2,644	2,496	2,578	2,621	2,535	2,519	2,447	2,430	2,435	2,522	2,425	2,615	2,574	2,632	2,678	
Facility Net	2,304	2,574	2,426	2,511	2,554	2,464	2,448	2,377	2,360	2,364	2,445	2,355	2,549	2,511	2,572	2,612	
In-plant load	60	70	70	67	67	71	71	70	70	72	77	70	66	63	60	65	
Daily availability factor																	
Facility	94%	100%	100%	100%	100%	100%	100%	98%	93%	83%	75%	75%	89%	83%	93%	100%	
Engine 1	96%	100%	100%	100%	100%	100%	100%	100%	75%	33%	0%	0%	54%	33%	71%	100%	
Engine 2	92%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 3	92%	100%	100%	100%	100%	100%	100%	92%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 4	96%	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	
Daily capacity factor																	
Facility	72%	80%	76%	78%	79%	77%	76%	74%	74%	74%	76%	73%	79%	78%	80%	81%	
Engine 1	68%	78%	76%	78%	78%	76%	78%	73%	73%	69%	0%	0%	72%	75%	67%	78%	
Engine 2	79%	80%	75%	76%	77%	76%	76%	77%	82%	92%	103%	99%	94%	97%	91%	85%	
Engine 3	78%	79%	75%	79%	77%	73%	73%	73%	80%	90%	102%	98%	93%	96%	91%	82%	
Engine 4	81%	84%	78%	80%	85%	83%	79%	78%	82%	90%	101%	97%	92%	95%	90%	80%	
Cumulative by engine																	
Engine operating run hours in t																	
Max Cumulative Available, l	384	408	432	456	480	504	528	552	576	600	624	648	672	696	720	744	
Engine 1	382	406	430	454	478	502	526	550	568	576	576	576	589	597	614	613	
Engine 2	354	378	402	426	450	474	498	522	546	570	594	618	642	666	690	666	
Engine 3	277	301	325	349	373	397	421	443	467	491	515	539	563	587	611	587	
Engine 4	381	405	429	453	477	501	525	549	572	596	620	644	668	692	716	692	
Engine operating run hours tota																	
Engine 1	60,264	60,288	60,312	60,336	60,360	60,384	60,408	60,432	60,450	60,458	60,458	60,458	60,471	60,479	60,496	60,495	
Engine 2	56,373	56,397	56,421	56,445	56,469	56,493	56,517	56,541	56,565	56,589	56,613	56,637	56,661	56,685	56,709	56,685	
Engine 3	56,684	56,708	56,732	56,756	56,780	56,804	56,828	56,850	56,874	56,898	56,922	56,946	56,970	56,994	57,018	56,994	
Engine 4	55,187	55,211	55,235	55,259	55,283	55,307	55,331	55,355	55,378	55,402	55,426	55,450	55,474	55,498	55,522	55,498	
Cumulative availability, %																	
Engine 1	99%	100%	100%	100%	100%	100%	100%	100%	99%	96%	92%	89%	88%	86%	85%	82%	
Engine 2	92%	93%	93%	93%	94%	94%	94%	95%	95%	95%	95%	95%	96%	96%	96%	90%	
Engine 3	72%	74%	75%	77%	78%	79%	80%	81%	82%	83%	83%	83%	84%	85%	85%	79%	
Engine 4	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	93%	
Engine cumulative gross output																	
Max cumulative capacity on	13,200	14,025	14,850	15,675	16,500	17,325	18,150	18,975	19,800	20,625	21,450	22,275	23,100	23,925	24,750	23,925	
Engine 1	10,804	11,448	12,072	12,718	13,365	13,989	14,632	15,238	15,841	16,413	16,413	16,413	17,005	17,622	18,175	17,646	
Engine 2	10,428	11,085	11,700	12,326	12,964	13,587	14,216	14,854	15,531	16,289	17,138	17,954	18,726	19,523	20,278	19,428	
Engine 3	7,519	8,172	8,788	9,436	10,075	10,674	11,272	11,878	12,536	13,281	14,123	14,932	15,695	16,486	17,235	16,371	
Engine 4	11,428	12,119	12,761	13,417	14,114	14,802	15,450	16,097	16,769	17,512	18,346	19,149	19,910	20,692	21,432	20,569	
Cumulative capacity factor, %																	
Engine 1	82%	82%	81%	81%	81%	81%	81%	80%	80%	80%	77%	74%	74%	74%	73%	74%	
Engine 2	79%	79%	79%	79%	79%	78%	78%	78%	78%	79%	80%	81%	81%	82%	82%	81%	
Engine 3	57%	58%	59%	60%	61%	62%	62%	63%	63%	64%	66%	67%	68%	69%	70%	68%	
Engine 4	87%	86%	86%	86%	86%	85%	85%	85%	85%	85%	86%	86%	86%	86%	87%	86%	

	Wednesday 1/16/2013	Thursday 1/17/2013	Friday 1/18/2013	Saturday 1/19/2013	Sunday 1/20/2013	Monday 1/21/2013	Tuesday 1/22/2013	Wednesday 1/23/2013	Thursday 1/24/2013	Friday 1/25/2013	Saturday 1/26/2013	Sunday 1/27/2013	Monday 1/28/2013	Tuesday 1/29/2013	Wednesday 1/30/2013	Thursday 1/31/2013	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	2,784	
Actual cumulative engine run h	1,394	1,490	1,586	1,682	1,778	1,874	1,970	2,064	2,153	2,233	2,305	2,377	2,462	2,542	2,631	2,558	
Cumulative Availability, %	90.8%	91.3%	91.8%	92.2%	92.6%	93.0%	93.3%	93.5%	93.4%	93.0%	92.3%	91.7%	91.6%	91.3%	91.4%	91.9%	
Max cumulative gross output, k	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,	954,235	1,017,682	1,077,597	1,139,473	1,202,384	1,263,225	1,323,674	1,382,400	1,440,712	1,499,162	1,559,681	1,617,888	1,680,643	1,742,416	1,805,588	1,744,907	
Cumulative Capacity Factor	75.3%	75.6%	75.6%	75.7%	75.9%	76.0%	76.0%	75.9%	75.8%	75.7%	75.7%	75.7%	75.8%	75.9%	76.0%	76.0%	
Cumulative fuel input, MMBtu H	11,847	12,639	13,404	14,182	14,979	15,750	16,507	17,257	18,003	18,732	19,475	20,192	20,966	21,729	22,528	21,799	
Cumulative gross output, kWhr	954,235	1,017,682	1,077,597	1,139,473	1,202,384	1,263,225	1,323,674	1,382,400	1,440,712	1,499,162	1,559,681	1,617,888	1,680,643	1,742,416	1,805,588	1,744,907	
Heat Rate																	
Daily heat rate, Btu/kWe gross l	12,129	11,234	11,485	11,332	11,394	11,412	11,266	11,500	11,516	11,238	11,049	11,079	11,113	11,115	11,386	11,669	
Daily heat rate, Btu/kWe gross l	13,474	12,480	12,758	12,588	12,658	12,677	12,515	12,775	12,793	12,484	12,274	12,308	12,345	12,347	12,648	12,962	
Cumulative heat rate, Btu/kWe	11,176	11,180	11,197	11,204	11,214	11,224	11,226	11,237	11,249	11,248	11,241	11,235	11,230	11,226	11,232	11,246	
Cumulative heat rate, Btu/kWe	12,416	12,420	12,438	12,447	12,458	12,468	12,470	12,483	12,496	12,495	12,487	12,480	12,475	12,471	12,477	12,493	
Cumulative by Facility starting C																	
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	2,784	
Actual cumulative engine run h	1,394	1,490	1,586	1,682	1,778	1,874	1,970	2,064	2,153	2,233	2,305	2,377	2,462	2,542	2,631	2,558	
Cumulative Availability, %	90.8%	91.3%	91.8%	92.2%	92.6%	93.0%	93.3%	93.5%	93.4%	93.0%	92.3%	91.7%	91.6%	91.3%	91.4%	91.9%	
Max cumulative gross output, k	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,	954,235	1,017,682	1,077,597	1,139,473	1,202,384	1,263,225	1,323,674	1,382,400	1,440,712	1,499,162	1,559,681	1,617,888	1,680,643	1,742,416	1,805,588	1,744,907	
Cumulative Capacity Factor	75.3%	75.6%	75.6%	75.7%	75.9%	76.0%	76.0%	75.9%	75.8%	75.7%	75.7%	75.7%	75.8%	75.9%	76.0%	76.0%	
Cumulative fuel input, MMBtu H	11,847	12,639	13,404	14,182	14,979	15,750	16,507	17,257	18,003	18,732	19,475	20,192	20,966	21,729	22,528	21,799	
Cumulative gross output, kWhr	954,235	1,017,682	1,077,597	1,139,473	1,202,384	1,263,225	1,323,674	1,382,400	1,440,712	1,499,162	1,559,681	1,617,888	1,680,643	1,742,416	1,805,588	1,744,907	
Cumulative heat rate, Btu/kWe	11,176	11,180	11,197	11,204	11,214	11,224	11,226	11,237	11,249	11,248	11,241	11,235	11,230	11,226	11,232	11,246	
Cumulative heat rate, Btu/kWe	12,416	12,420	12,438	12,447	12,458	12,468	12,470	12,483	12,496	12,495	12,487	12,480	12,475	12,471	12,477	12,493	
Service																	
Engine 1	communication failure																
Engine 2	k antenna signal.																
Engine 3																	
Engine 4																	
Oil - oil and filter change																	
Service - plugs, air filter, valve insp																	
Precipitation																	
NSTAR Power Reports																	
Date	1/16/2013	1/17/2013	1/18/2013	1/19/2013	1/20/2013	1/21/2013	1/22/2013	1/23/2013	1/24/2013	1/25/2013	1/26/2013	1/27/2013	1/28/2013	1/29/2013	1/30/2013	1/31/2013	TOTAL
Hour																	
1	599	2,640	2,553	2,468	2,568	2,465	2,517	2,353	2,377	2,310	2,446	2,445	2,456	2,616	2,457	2,617	
2	2,598	2,638	2,555	2,469	2,563	2,465	2,517	2,352	2,377	2,293	2,447	2,440	2,454	2,615	2,456	2,616	
3	2,915	2,638	2,542	2,469	2,567	2,434	2,516	2,353	2,377	2,296	2,446	2,445	2,454	2,615	2,458	2,616	
4	2,921	2,637	2,507	2,470	2,564	2,417	2,517	2,353	2,377	2,297	2,443	2,444	2,455	2,614	2,461	2,617	
5	2,873	2,640	2,506	2,470	2,568	2,418	2,517	2,353	2,379	2,270	2,446	2,442	2,452	2,614	2,461	2,617	
6	2,019	2,637	2,506	2,469	2,565	2,418	2,516	2,353	2,378	2,196	2,442	2,445	2,455	2,612	2,461	2,618	
7	-	2,601	2,493	2,468	2,568	2,419	2,515	2,353	2,376	2,200	2,446	2,441	2,451	2,611	2,459	2,619	
8	1,663	2,589	2,379	2,469	2,566	2,419	2,489	2,352	2,377	2,185	2,430	2,446	2,455	2,605	2,460	2,620	
9	854	2,509	2,360	2,469	2,567	2,400	2,464	2,319	2,327	2,399	2,423	2,431	2,452	2,408	2,666	2,695	
10	-	2,458	2,366	2,471	2,567	2,367	2,397	2,388	2,344	2,337	2,424	2,411	2,347	2,442	2,615	2,711	
11	2,495	2,484	2,365	2,468	2,567	2,374	2,391	2,388	2,344	2,307	2,426	2,411	2,456	2,443	2,616	2,709	
12	3,096	2,535	2,365	2,471	2,567	2,415	2,391	2,376	2,368	2,305	2,435	2,414	2,685	2,450	2,606	2,709	
13	2,941	2,551	2,369	2,502	2,567	2,420	2,395	2,374	2,435	2,381	2,444	2,418	2,704	2,457	2,606	2,678	
14	2,853	2,554	1,811	2,520	2,607	2,449	2,436	2,375	2,433	2,443	2,445	2,418	2,638	2,456	2,606	2,603	
15	2,813	2,553	1,959	2,520	2,614	2,517	2,445	2,386	1,807	2,396	2,446	2,416	2,615	2,454	2,617	2,578	
16	2,813	2,553	2,539	2,517	2,603	2,517	2,441	2,428	2,533	2,442	2,445	2,417	2,618	2,458	2,617	2,581	
17	2,783	2,552	2,565	2,520	2,566	2,517	2,443	2,427	2,452	2,448	2,444	2,417	2,617	2,460	2,620	2,590	
18	2,739	2,557	2,548	2,520	2,520	2,516	2,443	2,426	2,394	2,448	2,445	2,416	2,618	2,459	2,620	2,592	
19	2,737	2,553	2,516	2,565	2,513	2,517	2,403	2,391	2,387	2,447	2,445	2,417	2,618	2,459	2,619	2,586	
20	2,704	2,554	2,469	2,568	2,487	2,516	2,396	2,376	2,345	2,446	2,443	1,165	2,618	2,458	2,618	2,517	
21	2,687	2,557	2,467	2,564	2,466	2,516	2,397	2,377	2,344	2,446	2,442	1,782	2,617	2,458	2,618	2,516	
22	2,687	2,554	2,468	2,565	2,465	2,515	2,395	2,376	2,346	2,447	2,445	2,455	2,616	2,458	2,617	2,516	
23	2,687	2,553	2,467	2,567	2,465	2,516	2,357	2,377	2,346	2,446	2,445	2,458	2,615	2,458	2,619	2,516	
24	2,687	2,554	2,468	2,564	2,465	2,517	2,350	2,377	2,346	2,447	2,442	2,451	2,617	2,459	2,619	2,516	
TOTAL	55,164	61,651	58,143	60,123	61,135	59,044	58,648	56,983	56,569	56,632	58,585	56,445	61,083	60,139	61,572	62,553	
Cumulative Output Sold, kW	928,321	989,972	1,048,115	1,108,238	1,169,373	1,228,417	1,287,065	1,344,048	1,400,617	1,457,249	1,515,834	1,572,279	1,633,362	1,693,501	1,755,073	1,817,626	
Transformer and line efficien	99.8%	99.8%	99.9%	99.8%	99.7%	99.8%	99.8%	99.9%	99.9%	99.8%	99.9%	99.9%	99.9%	99.8%	99.7%	99.8%	0.0%
Hourly average	2,299	2,569	2,423	2,505	2,547	2,460	2,444	2,374	2,357	2,360	2,441	2,352	2,545	2,506	2,566	2,606	2,443

FEBRUARY 2013																
CNBE Daily Reports Summary Data																
	Friday 2/1/2013	Saturday 2/2/2013	Sunday 2/3/2013	Monday 2/4/2013	Tuesday 2/5/2013	Wednesday 2/6/2013	Thursday 2/7/2013	Friday 2/8/2013	Saturday 2/9/2013	Sunday 2/10/2013	Monday 2/11/2013	Tuesday 2/12/2013	Wednesday 2/13/2013	Thursday 2/14/2013	Friday 2/15/2013	
Landfill Gas Flow to the Engines (KSCF)	1,516	1,476	1,446	1,444	1,483	1,466	1,562	1,125	-	650	1,531	1,577	1,501	1,522	1,492	
Landfill Gas Flow to the Engines (MMBTU HHV)	752	749	766	755	733	717	750	570	-	373	838	797	751	747	733	
Landfill Gas Flow to the Flare (KSCF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Flow to the Flare (MMBTU HHV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Total Flow (KSCF)	1,516	1,476	1,446	1,444	1,483	1,466	1,562	1,125	-	650	1,531	1,577	1,501	1,522	1,492	
Landfill Gas Total Flow (MMBTU HHV)	752	749	766	755	733	717	750	570	-	373	838	797	751	747	733	
Average Methane Content (%)	49.0	50.2	52.4	51.6	48.9	48.3	47.5	50.1	-	56.6	54.1	50.0	49.5	48.5	48.5	
Engine 1 Hours	14	-	-	-	-	9	24	17	-	11	24	24	24	18	15	
Engine 2 Hours	23	24	24	24	24	24	24	17	-	9	18	24	24	24	22	
Engine 3 Hours	22	24	24	24	24	23	24	17	-	11	24	24	24	24	13	
Engine 4 Hours	23	24	24	24	24	13	-	-	-	11	24	24	12	9	24	
Generator 1 Power Output (kWhr)	8,916	-	-	-	-	7,846	19,814	14,110	-	8,619	17,231	15,219	17,025	14,879	11,266	
Generator 2 Power Output (kWhr)	17,563	20,364	20,367	20,369	19,850	19,582	19,914	14,283	-	8,725	11,790	15,577	17,635	19,899	18,421	
Generator 3 Power Output (kWhr)	15,554	20,216	20,213	20,218	19,630	18,372	20,160	14,184	-	8,664	17,593	15,503	17,579	19,662	10,611	
Generator 4 Power Output (kWhr)	16,265	19,977	19,975	19,973	19,762	10,441	-	-	-	18,263	16,787	8,243	5,948	20,201		
Gross Power Output (kWhr)	58,313	60,657	60,649	60,641	59,338	56,349	60,039	42,708	-	26,879	64,970	63,208	60,609	60,490	60,543	
Net Power Output (kWhr)	56,656	59,176	59,216	59,080	57,580	54,716	58,392	41,572	-	25,395	62,948	61,192	58,764	58,676	58,728	
Power Sold as metered by NStar, (kWhr)	56,559	59,057	59,090	58,969	57,466	54,605	58,317	41,551	-	25,382	62,861	61,101	58,666	58,567	58,633	
Offgrid RECs (kWhr)	1,658	1,480	1,433	1,562	1,758	1,633	1,646	1,136	-	1,484	2,023	2,016	1,845	1,814	1,814	
Calculated Performance Results																
Daily																
Power output (kW average when running)																
Generator 1	637	-	-	-	-	872	826	830	-	784	718	634	709	827	751	
Generator 2	764	849	849	849	827	816	830	840	-	969	655	649	735	829	837	
Generator 3	707	842	842	842	818	799	840	834	-	788	733	646	732	819	816	
Generator 4	707	832	832	832	823	803	-	-	-	-	761	699	687	661	842	
Power output (kW average over 24-hrs)																
Facility Gross	2,430	2,527	2,527	2,527	2,472	2,348	2,502	1,780	-	1,120	2,707	2,634	2,525	2,520	2,523	
Facility Net	2,361	2,466	2,467	2,462	2,399	2,280	2,433	1,732	-	1,058	2,623	2,550	2,449	2,445	2,447	
In-plant load	69	62	60	65	73	68	69	47	-	62	84	84	77	76	76	
Daily availability factor																
Facility	85%	75%	75%	75%	75%	72%	75%	53%	0%	44%	94%	100%	88%	78%	77%	
Engine 1	58%	0%	0%	0%	0%	38%	100%	71%	0%	46%	100%	100%	100%	75%	63%	
Engine 2	96%	100%	100%	100%	100%	100%	100%	71%	0%	38%	75%	100%	100%	100%	92%	
Engine 3	92%	100%	100%	100%	100%	96%	100%	71%	0%	46%	100%	100%	100%	100%	54%	
Engine 4	96%	100%	100%	100%	100%	54%	0%	0%	0%	46%	100%	100%	50%	38%	100%	
Daily capacity factor																
Facility	74%	77%	77%	77%	75%	71%	76%	54%	0%	34%	82%	80%	77%	76%	76%	
Engine 1	77%	0%	0%	0%	0%	106%	100%	101%	0%	95%	87%	77%	86%	100%	91%	
Engine 2	93%	103%	103%	103%	100%	99%	101%	102%	0%	118%	79%	79%	89%	101%	101%	
Engine 3	86%	102%	102%	102%	99%	97%	102%	101%	0%	95%	89%	78%	89%	99%	99%	
Engine 4	86%	101%	101%	101%	100%	97%	0%	0%	0%	92%	85%	83%	80%	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	14	14	14	14	14	23	47	64	64	75	99	123	147	165	180	
Engine 2	23	47	71	95	119	143	167	184	184	193	211	235	259	283	305	
Engine 3	22	46	70	94	118	141	165	182	182	193	217	241	265	289	302	
Engine 4	23	47	71	95	119	132	132	132	132	143	167	191	203	212	236	
Engine operating run hours total from 0 hours																
Engine 1	60,495	60,509	60,509	60,509	60,509	60,518	60,542	60,559	60,559	60,570	60,594	60,618	60,642	60,660	60,675	
Engine 2	56,685	56,708	56,756	56,780	56,804	56,828	56,852	56,869	56,869	56,878	56,896	56,920	56,944	56,968	56,990	
Engine 3	56,994	57,016	57,064	57,088	57,112	57,135	57,159	57,176	57,176	57,187	57,211	57,235	57,259	57,283	57,296	
Engine 4	55,498	55,521	55,545	55,569	55,593	55,617	55,630	55,630	55,630	55,641	55,665	55,689	55,701	55,710	55,734	
Cumulative availability, % February 1, 2013 @ 00:00 hours																
Engine 1	58%	29%	19%	15%	12%	16%	28%	33%	30%	31%	38%	43%	47%	49%	50%	
Engine 2	96%	98%	99%	99%	99%	99%	99%	96%	85%	80%	80%	82%	83%	84%	85%	
Engine 3	92%	96%	97%	98%	98%	98%	98%	95%	84%	80%	82%	84%	85%	86%	84%	
Engine 4	96%	98%	99%	99%	99%	92%	79%	69%	61%	60%	63%	66%	65%	63%	66%	
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	637	637	637	637	637	1,509	2,334	3,164	3,164	3,948	4,666	5,300	6,009	6,836	7,587	
Engine 2	764	1,612	2,461	3,309	4,137	4,952	5,782	6,622	6,622	7,592	8,247	8,896	9,631	10,460	11,297	
Engine 3	707	1,549	2,392	3,234	4,052	4,851	5,691	6,525	6,525	7,313	8,046	8,692	9,424	10,243	11,060	
Engine 4	707	1,540	2,372	3,204	4,027	4,831	4,831	4,831	4,831	5,592	6,291	6,978	7,639	8,481		
Cumulative capacity factor, %																
Engine 1	77%	39%	26%	19%	15%	30%	40%	48%	43%	48%	51%	54%	56%	59%	61%	
Engine 2	93%	98%	99%	100%	100%	100%	100%	100%	89%	92%	91%	90%	90%	91%	91%	
Engine 3	86%	94%	97%	98%	98%	98%	99%	99%	88%	89%	89%	88%	88%	89%	89%	
Engine 4	86%	93%	96%	97%	98%	98%	84%	73%	65%	59%	62%	64%	65%	66%	69%	

		Friday 2/1/2013	Saturday 2/2/2013	Sunday 2/3/2013	Monday 2/4/2013	Tuesday 2/5/2013	Wednesday 2/6/2013	Thursday 2/7/2013	Friday 2/8/2013	Saturday 2/9/2013	Sunday 2/10/2013	Monday 2/11/2013	Tuesday 2/12/2013	Wednesday 2/13/2013	Thursday 2/14/2013	Friday 2/15/2013
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		82	154	226	298	370	439	511	562	562	604	694	790	874	949	1,023
Cumulative Availability, %		85.4%	80.2%	78.5%	77.6%	77.1%	76.2%	76.0%	73.2%	65.0%	62.9%	65.7%	68.6%	70.0%	70.6%	71.0%
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		58,313	118,970	179,619	240,260	299,598	355,947	415,986	458,694	458,694	485,573	550,543	613,751	674,360	734,850	795,393
Cumulative Capacity Factor		73.6%	75.1%	75.6%	75.8%	75.7%	74.9%	75.0%	72.4%	64.4%	61.3%	63.2%	64.6%	65.5%	66.3%	67.0%
Cumulative fuel input, MMBtu HHV		752	1,501	2,267	3,022	3,755	4,472	5,222	5,792	5,792	6,165	7,003	7,800	8,551	9,298	10,031
Cumulative gross output, kWhr		58,313	118,970	179,619	240,260	299,598	355,947	415,986	458,694	458,694	485,573	550,543	613,751	674,360	734,850	795,393
Heat Rate																
Daily heat rate, Btu/kWe gross LHV		11,607	11,122	11,370	11,203	11,125	11,448	11,248	12,014	-	12,479	11,615	11,354	11,154	11,115	10,896
Daily heat rate, Btu/kWe gross HHV		12,894	12,355	12,630	12,445	12,358	12,717	12,495	13,346	-	13,862	12,903	12,612	12,391	12,347	12,104
Cumulative heat rate, Btu/kWe gross LHV		11,607	11,360	11,363	11,323	11,283	11,310	11,301	11,367	11,367	11,429	11,451	11,441	11,415	11,390	11,353
Cumulative heat rate, Btu/kWe gross HHV		12,894	12,619	12,623	12,578	12,534	12,563	12,554	12,627	12,627	12,696	12,720	12,709	12,680	12,653	12,611
Cumulative by Facility starting Calendar Year																
Max cumulative available engine run hours		2,880	2,976	3,072	3,168	3,264	3,360	3,456	3,552	3,648	3,744	3,840	3,936	4,032	4,128	4,224
Actual cumulative engine run hours		2,640	2,712	2,784	2,856	2,928	2,997	3,069	3,120	3,120	3,162	3,252	3,348	3,432	3,507	3,581
Cumulative Availability, %		91.7%	91.1%	90.6%	90.2%	89.7%	89.2%	88.8%	87.8%	85.5%	84.5%	84.7%	85.1%	85.1%	85.0%	84.8%
Max cumulative gross output, kWhr		2,376,000	2,455,200	2,534,400	2,613,600	2,692,800	2,772,000	2,851,200	2,930,400	3,009,600	3,088,800	3,168,000	3,247,200	3,326,400	3,405,600	3,484,800
Actual cumulative gross output, kWhr		1,803,220	1,863,877	1,924,526	1,985,167	2,044,505	2,100,854	2,160,893	2,203,601	2,203,601	2,230,480	2,295,450	2,358,658	2,419,267	2,479,757	2,540,300
Cumulative Capacity Factor		75.9%	75.9%	75.9%	76.0%	75.9%	75.8%	75.8%	75.2%	73.2%	72.2%	72.5%	72.6%	72.7%	72.8%	72.9%
Cumulative fuel input, MMBtu HHV		22,551	23,301	24,067	24,821	25,555	26,271	27,021	27,591	27,591	27,964	28,802	29,600	30,351	31,097	31,830
Cumulative gross output, kWhr		1,803,220	1,863,877	1,924,526	1,985,167	2,044,505	2,100,854	2,160,893	2,203,601	2,203,601	2,230,480	2,295,450	2,358,658	2,419,267	2,479,757	2,540,300
Cumulative heat rate, Btu/kWe gross LHV		11,258	11,254	11,257	11,256	11,252	11,257	11,257	11,271	11,271	11,286	11,295	11,297	11,293	11,289	11,280
Cumulative heat rate, Btu/kWe gross HHV		12,506	12,501	12,505	12,503	12,499	12,505	12,505	12,521	12,521	12,537	12,548	12,549	12,545	12,541	12,530
Service																
Engine 1	NStar outage								NStar outage							
Engine 2									BLIZZARD-----							
Engine 3																
Engine 4																
Oil - oil and filter change																
Service - plugs, air filter, valve inspection and adjustment																
Precipitation																
NSTAR Power Reports																
Date		Friday 2/1/2013	Saturday 2/2/2013	Sunday 2/3/2013	Monday 2/4/2013	Tuesday 2/5/2013	Wednesday 2/6/2013	Thursday 2/7/2013	Friday 2/8/2013	Saturday 2/9/2013	Sunday 2/10/2013	Monday 2/11/2013	Tuesday 2/12/2013	Wednesday 2/13/2013	Thursday 2/14/2013	Friday 2/15/2013
Hour																
1		2,515	2,462	2,459	2,464	2,454	2,325	2,463	2,463	-	-	2,019	2,732	2,463	2,460	2,453
2		2,514	2,459	2,460	2,463	2,455	2,329	2,462	2,467	-	-	2,044	2,698	2,460	2,459	2,449
3		2,515	2,460	2,462	2,460	2,451	2,326	2,462	2,466	-	-	2,759	2,698	2,464	2,460	2,450
4		2,515	2,461	2,462	2,459	2,451	2,323	2,464	2,463	-	-	2,774	2,694	2,460	2,460	2,450
5		2,514	2,461	2,460	2,463	2,452	2,328	2,464	2,464	-	-	2,704	2,630	2,462	2,459	2,453
6		2,513	2,458	2,460	2,463	2,454	2,326	2,461	2,468	-	-	2,701	2,628	2,462	2,459	2,449
7		2,500	2,457	2,461	2,460	2,454	2,323	2,367	2,465	-	-	2,705	2,627	2,462	2,459	2,452
8		2,466	2,461	2,463	2,457	2,448	2,282	2,334	2,465	-	-	2,700	2,629	2,460	2,457	2,453
9		2,403	2,461	2,465	2,455	2,445	2,169	2,266	2,463	-	-	2,704	2,625	2,447	2,455	2,447
10		2,385	2,458	2,460	2,460	2,446	2,164	2,263	2,464	-	-	2,689	2,592	2,362	2,454	2,305
11		2,380	2,458	2,461	2,456	2,444	2,167	2,284	2,459	-	-	2,679	2,460	2,365	2,453	2,448
12		2,181	2,464	2,466	2,461	2,359	2,165	2,462	2,465	-	-	2,679	2,313	2,362	2,452	2,438
13		2,453	2,459	2,462	2,451	2,355	1,726	2,463	2,467	-	-	2,680	2,370	2,375	2,456	2,399
14		2,549	2,463	2,466	2,456	2,358	1,583	2,460	2,465	-	-	2,518	2,500	2,457	2,456	2,415
15		2,601	2,463	2,461	2,451	2,360	1,875	2,468	2,470	-	1,898	2,437	2,510	2,460	2,453	2,454
16		2,590	2,460	2,464	2,457	2,404	2,473	2,463	2,471	-	2,595	2,436	2,510	2,461	2,454	2,463
17		2,299	2,461	2,465	2,456	2,380	2,470	2,463	2,106	-	2,710	2,436	2,512	2,461	2,350	2,460
18		2,442	2,463	2,462	2,454	2,329	2,466	2,466	-	-	2,706	2,417	2,511	2,458	2,210	2,457
19		2,441	2,463	2,461	2,454	2,331	2,466	2,464	-	-	2,706	2,732	2,510	2,460	2,448	2,457
20		2,438	2,460	2,462	2,456	2,328	2,466	2,463	-	-	2,706	2,844	2,506	2,461	2,452	2,456
21		1,987	2,460	2,464	2,456	2,326	2,463	2,462	-	-	2,704	2,844	2,461	2,461	2,452	2,457
22		422	2,461	2,461	2,454	2,328	2,462	2,466	-	-	2,704	2,800	2,462	2,461	2,450	2,456
23		2,471	2,463	2,461	2,451	2,329	2,463	2,464	-	-	2,633	2,795	2,463	2,461	2,450	2,456
24		2,465	2,461	2,462	2,452	2,325	2,465	2,463	-	-	2,020	2,765	2,460	2,461	2,449	2,456
TOTAL		56,559	59,057	59,090	58,969	57,466	54,605	58,317	41,551	-	25,382	62,861	61,101	58,666	58,567	58,633
Cumulative Output Sold, kWhr		56,559	115,616	174,706	233,675	291,141	345,746	404,063	445,614	445,614	470,996	533,857	594,958	653,624	712,191	770,824
Transformer and line efficiency		99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.9%	99.9%	#DIV/0!	99.9%	99.9%	99.9%	99.8%	99.8%	99.8%
Hourly average		2,357	2,461	2,462	2,457	2,394	2,275	2,430	1,731	-	1,058	2,619	2,546	2,444	2,440	2,443

FEBRUARY 2013															
CNBE Daily Reports Summary Data															
	Saturday 2/16/2013	Sunday 2/17/2013	Monday 2/18/2013	Tuesday 2/19/2013	Wednesday 2/20/2013	Thursday 2/21/2013	Friday 2/22/2013	Saturday 2/23/2013	Sunday 2/24/2013	Monday 2/25/2013	Tuesday 2/26/2013	Wednesday 2/27/2013	Thursday 2/28/2013	TOTAL	
Landfill Gas Flow to the Engines (K	1,479	1,455	1,536	1,551	1,511	1,497	1,476	1,433	1,404	1,390	1,401	1,389	1,378	38,692	
Landfill Gas Flow to the Engines (M	743	748	720	761	752	726	703	726	732	703	716	747	732	19,538	
Landfill Gas Flow to the Flare (KSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Flow to the Flare (MME	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Total Flow (KSCF)	1,479	1,455	1,536	1,551	1,511	1,497	1,476	1,433	1,404	1,390	1,401	1,389	1,378	38,692	
Landfill Gas Total Flow (MMBTU H	743	748	720	761	752	726	703	726	732	703	716	747	732	19,538	
Average Methane Content (%)	49.7	50.8	46.3	48.5	49.2	47.9	47.1	50.0	51.5	49.9	50.5	53.1	52.5	49.9	
Engine 1 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	492	
Engine 2 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	617	
Engine 3 Hours	-	-	-	15	24	24	24	24	24	11	-	-	-	448	
Engine 4 Hours	24	24	24	23	8	-	-	-	-	13	24	24	24	424	
Generator 1 Power Output (kWhr)	20,106	20,106	20,107	18,339	18,918	19,409	18,953	19,533	19,668	19,258	19,062	19,412	18,471	386,267	
Generator 2 Power Output (kWhr)	20,355	20,358	20,356	16,821	18,382	19,770	19,170	19,761	19,753	18,662	19,317	20,210	20,368	497,622	
Generator 3 Power Output (kWhr)	-	-	-	9,420	17,661	19,415	19,096	19,343	19,832	8,152	-	-	-	351,078	
Generator 4 Power Output (kWhr)	20,201	20,204	20,203	15,117	4,805	-	-	-	-	10,296	19,439	19,861	20,198	326,159	
Gross Power Output (kWhr)	60,747	60,742	60,737	59,782	59,871	58,710	57,340	58,769	59,372	56,474	57,906	59,558	59,117	1,564,518	
Net Power Output (kWhr)	59,080	59,020	58,824	57,964	58,072	56,900	55,588	57,112	57,712	54,860	56,292	57,920	57,484	1,518,919	
Power Sold as metered by NStar, (t	58,978	58,957	58,757	57,850	57,964	56,804	55,482	56,997	57,603	54,739	56,164	57,800	57,356	1,516,275	
Offgrid RECs (kWhr)	1,667	1,723	1,912	1,819	1,799	1,810	1,751	1,657	1,660	1,614	1,614	1,638	1,633	45,599	
Calculated Performance Results															
Daily															
Power output (kW average whe															
Generator 1	838	838	838	764	788	809	790	814	820	802	794	809	770		
Generator 2	848	848	848	701	766	824	799	823	823	778	805	842	849		
Generator 3	-	-	-	628	736	809	796	806	826	741	-	-	-		
Generator 4	842	842	842	657	601	-	-	-	-	792	810	828	842		
Power output (kW average over															
Facility Gross	2,531	2,531	2,531	2,491	2,495	2,446	2,389	2,449	2,474	2,353	2,413	2,482	2,463		
Facility Net	2,462	2,459	2,451	2,415	2,420	2,371	2,316	2,380	2,405	2,286	2,346	2,413	2,395		
In-plant load	69	72	80	76	75	75	73	69	69	67	67	68	68		
Daily availability factor															
Facility	75%	75%	75%	90%	83%	75%	75%	75%	75%	75%	75%	75%	75%		
Engine 1	100%	100%	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%		
Engine 3	0%	0%	0%	63%	100%	100%	100%	100%	100%	46%	0%	0%	0%		
Engine 4	100%	100%	100%	96%	33%	0%	0%	0%	0%	54%	100%	100%	100%		
Daily capacity factor															
Facility	77%	77%	77%	75%	76%	74%	72%	74%	75%	71%	73%	75%	75%		
Engine 1	102%	102%	102%	93%	96%	98%	96%	99%	99%	97%	96%	98%	93%		
Engine 2	103%	103%	103%	85%	93%	100%	97%	100%	100%	94%	98%	102%	103%		
Engine 3	0%	0%	0%	76%	89%	98%	96%	98%	100%	90%	0%	0%	0%		
Engine 4	102%	102%	102%	80%	73%	0%	0%	0%	0%	96%	98%	100%	102%		
Cumulative by engine															
Engine operating run hours in t															
Max Cumulative Available, l	384	408	432	456	480	504	528	552	576	600	624	648	672		
Engine 1	204	228	252	276	300	324	348	372	396	420	444	468	492		
Engine 2	329	353	377	401	425	449	473	497	521	545	569	593	617		
Engine 3	302	302	302	317	341	365	389	413	437	448	448	448	448		
Engine 4	260	284	308	331	339	339	339	339	339	352	376	400	424		
Engine operating run hours tota															
Engine 1	60,699	60,723	60,747	60,771	60,795	60,819	60,843	60,867	60,891	60,915	60,939	60,963	60,987		
Engine 2	57,014	57,038	57,062	57,086	57,110	57,134	57,158	57,182	57,206	57,230	57,254	57,278	57,302		
Engine 3	57,296	57,296	57,296	57,311	57,335	57,359	57,383	57,407	57,431	57,442	57,442	57,442	57,442		
Engine 4	55,758	55,782	55,806	55,829	55,837	55,837	55,837	55,837	55,837	55,850	55,874	55,898	55,922		
Cumulative availability, %															
Engine 1	53%	56%	58%	61%	63%	64%	66%	67%	69%	70%	71%	72%	73%		
Engine 2	86%	87%	87%	88%	89%	89%	90%	90%	90%	91%	91%	92%	92%		
Engine 3	79%	74%	70%	70%	71%	72%	74%	75%	76%	75%	72%	69%	67%		
Engine 4	68%	70%	71%	73%	71%	67%	64%	61%	59%	59%	60%	62%	63%		
Engine cumulative gross output															
Max cumulative capacity on	13,200	14,025	14,850	15,675	16,500	17,325	18,150	18,975	19,800	20,625	21,450	22,275	23,100		
Engine 1	8,425	9,262	10,100	10,864	11,653	12,461	13,251	14,065	14,884	15,687	16,481	17,290	18,059		
Engine 2	12,145	12,993	13,842	14,543	15,308	16,132	16,931	17,754	18,577	19,355	20,160	21,002	21,851		
Engine 3	11,060	11,060	11,060	11,688	12,423	13,232	14,028	14,834	15,660	16,401	16,401	16,401	16,401		
Engine 4	9,322	10,164	11,006	11,663	12,264	12,264	12,264	12,264	12,264	13,056	13,866	14,693	15,535		
Cumulative capacity factor, %															
Engine 1	64%	66%	68%	69%	71%	72%	73%	74%	75%	76%	77%	78%	78%		
Engine 2	92%	93%	93%	93%	93%	93%	93%	94%	94%	94%	94%	94%	95%		
Engine 3	84%	79%	74%	75%	75%	76%	77%	78%	79%	80%	76%	74%	71%		
Engine 4	71%	72%	74%	74%	74%	71%	68%	65%	62%	63%	65%	66%	67%		

	Saturday 2/16/2013	Sunday 2/17/2013	Monday 2/18/2013	Tuesday 2/19/2013	Wednesday 2/20/2013	Thursday 2/21/2013	Friday 2/22/2013	Saturday 2/23/2013	Sunday 2/24/2013	Monday 2/25/2013	Tuesday 2/26/2013	Wednesday 2/27/2013	Thursday 2/28/2013	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	
Actual cumulative engine run h	1,095	1,167	1,239	1,325	1,405	1,477	1,549	1,621	1,693	1,765	1,837	1,909	1,981	
Cumulative Availability, %	71.3%	71.5%	71.7%	72.6%	73.2%	73.3%	73.3%	73.4%	73.5%	73.5%	73.6%	73.6%	73.7%	
Max cumulative gross output, k	1,267,200	1,346,400	1,425,600	1,504,800	1,584,000	1,663,200	1,742,400	1,821,600	1,900,800	1,980,000	2,059,200	2,138,400	2,217,600	
Actual cumulative gross output,	856,140	916,882	977,619	1,037,401	1,097,272	1,155,982	1,213,322	1,272,091	1,331,463	1,387,937	1,445,843	1,505,401	1,564,518	
Cumulative Capacity Factor	67.6%	68.1%	68.6%	68.9%	69.3%	69.5%	69.6%	69.8%	70.0%	70.1%	70.2%	70.4%	70.6%	
Cumulative fuel input, MMBtu H	10,774	11,522	12,242	13,002	13,755	14,481	15,184	15,909	16,641	17,344	18,060	18,806	19,538	
Cumulative gross output, kWhr	856,140	916,882	977,619	1,037,401	1,097,272	1,155,982	1,213,322	1,272,091	1,331,463	1,387,937	1,445,843	1,505,401	1,564,518	
Heat Rate														
Daily heat rate, Btu/kWe gross l	11,016	11,079	10,668	11,453	11,313	11,130	11,035	11,116	11,102	11,199	11,123	11,283	11,153	
Daily heat rate, Btu/kWe gross l	12,238	12,308	11,851	12,723	12,567	12,364	12,258	12,348	12,332	12,441	12,356	12,534	12,389	
Cumulative heat rate, Btu/kWe	11,329	11,312	11,272	11,283	11,284	11,276	11,265	11,258	11,251	11,249	11,244	11,246	11,242	
Cumulative heat rate, Btu/kWe	12,585	12,566	12,522	12,534	12,535	12,527	12,514	12,506	12,499	12,496	12,491	12,492	12,488	
Cumulative by Facility starting C														
Max cumulative available engin	4,320	4,416	4,512	4,608	4,704	4,800	4,896	4,992	5,088	5,184	5,280	5,376	5,472	
Actual cumulative engine run h	3,653	3,725	3,797	3,883	3,963	4,035	4,107	4,179	4,251	4,323	4,395	4,467	4,539	
Cumulative Availability, %	84.6%	84.4%	84.2%	84.3%	84.2%	84.1%	83.9%	83.7%	83.5%	83.4%	83.2%	83.1%	82.9%	
Max cumulative gross output, k	3,564,000	3,643,200	3,722,400	3,801,600	3,880,800	3,960,000	4,039,200	4,118,400	4,197,600	4,276,800	4,356,000	4,435,200	4,514,400	
Actual cumulative gross output,	2,601,047	2,661,789	2,722,526	2,782,308	2,842,179	2,900,889	2,958,229	3,016,998	3,076,370	3,132,844	3,190,750	3,250,308	3,309,425	
Cumulative Capacity Factor	73.0%	73.1%	73.1%	73.2%	73.2%	73.3%	73.2%	73.3%	73.3%	73.3%	73.2%	73.3%	73.3%	
Cumulative fuel input, MMBtu H	32,574	33,321	34,041	34,802	35,554	36,280	36,983	37,709	38,441	39,143	39,859	40,605	41,338	
Cumulative gross output, kWhr	2,601,047	2,661,789	2,722,526	2,782,308	2,842,179	2,900,889	2,958,229	3,016,998	3,076,370	3,132,844	3,190,750	3,250,308	3,309,425	
Cumulative heat rate, Btu/kWe	11,273	11,269	11,256	11,260	11,261	11,258	11,254	11,251	11,248	11,248	11,245	11,246	11,244	
Cumulative heat rate, Btu/kWe	12,523	12,518	12,503	12,508	12,509	12,507	12,502	12,499	12,496	12,495	12,492	12,493	12,491	
Service														
Engine 1														
Engine 2														
Engine 3														
Engine 4														
Oil - oil and filter change														
Service - plugs, air filter, valve insp														
Precipitation														
NSTAR Power Reports														
Date	2/16/2013	2/17/2013	2/18/2013	2/19/2013	2/20/2013	2/21/2013	2/22/2013	2/23/2013	2/24/2013	2/25/2013	2/26/2013	2/27/2013	2/28/2013	TOTAL
Hour														
1	2,457	2,458	2,450	2,443	2,423	2,405	2,292	2,353	2,462	2,251	2,302	2,373	2,392	
2	2,457	2,458	2,450	2,444	2,420	2,410	2,297	2,357	2,461	2,254	2,300	2,377	2,389	
3	2,457	2,458	2,455	2,433	2,417	2,409	2,297	2,354	2,458	2,251	2,298	2,378	2,387	
4	2,457	2,457	2,450	2,449	2,421	2,407	2,293	2,353	2,461	2,251	2,302	2,375	2,389	
5	2,456	2,459	2,449	2,445	2,418	2,412	2,299	2,358	2,463	2,255	2,302	2,375	2,392	
6	2,457	2,459	2,448	2,450	2,415	2,407	2,293	2,355	2,460	2,253	2,298	2,377	2,388	
7	2,456	2,459	2,448	2,445	2,414	2,408	2,297	2,353	2,458	2,250	2,299	2,379	2,388	
8	2,457	2,456	2,448	2,452	2,371	2,411	2,271	2,359	2,462	2,255	2,302	2,399	2,391	
9	2,456	2,461	2,452	2,187	2,446	2,297	2,195	2,358	2,464	2,250	2,311	2,434	2,389	
10	2,457	2,457	2,446	2,387	2,455	2,310	2,239	2,354	2,460	2,249	2,326	2,301	2,386	
11	2,457	2,460	2,450	2,455	2,431	2,365	2,278	2,359	2,460	2,197	2,322	2,460	2,390	
12	2,458	2,460	2,451	2,354	2,408	2,368	2,272	2,360	2,464	2,311	2,343	2,455	2,388	
13	2,459	2,456	2,446	2,361	2,414	2,366	2,283	2,356	2,460	2,325	2,351	2,455	2,389	
14	2,457	2,457	2,451	2,368	2,408	2,369	2,336	2,360	2,455	2,323	2,360	2,459	2,390	
15	2,458	2,454	2,450	2,391	2,414	2,389	2,351	2,360	2,416	2,342	2,378	2,456	2,395	
16	2,458	2,460	2,446	2,418	2,410	2,396	2,357	2,356	2,376	2,318	2,374	2,455	2,390	
17	2,458	2,453	2,450	2,422	2,412	2,399	2,356	2,358	2,345	2,304	2,375	2,456	2,393	
18	2,458	2,458	2,442	2,420	2,413	2,382	2,352	2,360	2,343	2,302	2,376	2,460	2,392	
19	2,457	2,452	2,450	2,418	2,409	2,345	2,356	2,358	2,347	2,298	2,375	2,429	2,389	
20	2,458	2,455	2,443	2,420	2,408	2,348	2,356	2,376	2,322	2,299	2,372	2,388	2,390	
21	2,458	2,454	2,448	2,424	2,411	2,313	2,351	2,462	2,249	2,302	2,373	2,390	2,393	
22	2,458	2,450	2,444	2,423	2,405	2,298	2,353	2,461	2,252	2,300	2,376	2,393	2,390	
23	2,458	2,456	2,444	2,420	2,410	2,292	2,356	2,457	2,254	2,298	2,376	2,388	2,387	
24	2,459	2,450	2,446	2,421	2,411	2,298	2,352	2,460	2,251	2,301	2,373	2,388	2,389	
TOTAL	58,978	58,957	58,757	57,850	57,964	56,804	55,482	56,997	57,603	54,739	56,164	57,800	57,356	
Cumulative Output Sold, kW	829,802	888,759	947,516	1,005,366	1,063,330	1,120,134	1,175,616	1,232,613	1,290,216	1,344,955	1,401,119	1,458,919	1,516,275	
Transformer and line efficienc	99.8%	99.9%	99.9%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	0.0%
Hourly average	2,457	2,457	2,448	2,410	2,415	2,367	2,312	2,375	2,400	2,281	2,340	2,408	2,390	2,256

MARCH 2013																
CNBE Daily Reports Summary Data																
	Friday 3/1/2013	Saturday 3/2/2013	Sunday 3/3/2013	Monday 3/4/2013	Tuesday 3/5/2013	Wednesday 3/6/2013	Thursday 3/7/2013	Friday 3/8/2013	Saturday 3/9/2013	Sunday 3/10/2013	Monday 3/11/2013	Tuesday 3/12/2013	Wednesday 3/13/2013	Thursday 3/14/2013	Friday 3/15/2013	
Landfill Gas Flow to the Engines (KSCF)	1,378	1,424	1,415	1,423	1,396	1,394	1,382	290	500	1,379	1,344	1,361	1,022	1,447	1,478	
Landfill Gas Flow to the Engines (MMBTU HHV)	721	747	742	743	709	720	715	150	280	713	692	736	528	747	737	
Landfill Gas Flow to the Flare (KSCF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Flow to the Flare (MMBTU HHV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Total Flow (KSCF)	1,378	1,424	1,415	1,423	1,396	1,394	1,382	290	500	1,379	1,344	1,361	1,022	1,447	1,478	
Landfill Gas Total Flow (MMBTU HHV)	721	747	742	743	709	720	715	150	280	713	692	736	528	747	737	
Average Methane Content (%)	51.7	51.8	51.8	51.6	50.2	51.0	51.1	51.1	55.3	51.1	50.9	53.5	51.0	51.0	49.3	
Engine 1 Hours	23	24	24	24	24	24	23	4	9	23	23	24	17	24	24	
Engine 2 Hours	23	24	24	24	24	24	23	4	-	23	-	-	-	-	-	
Engine 3 Hours	-	-	-	-	-	-	1	-	9	-	23	24	17	24	24	
Engine 4 Hours	23	24	24	24	24	24	23	4	9	23	23	24	17	24	24	
Generator 1 Power Output (kWhr)	18,289	18,471	18,474	18,471	18,473	19,138	19,172	4,049	7,408	19,136	18,506	18,959	13,264	20,119	20,120	
Generator 2 Power Output (kWhr)	19,594	20,369	20,368	19,483	19,845	19,632	18,932	4,049	7,408	18,896	-	-	-	-	-	
Generator 3 Power Output (kWhr)	-	-	-	-	-	-	573	-	-	572	18,661	19,554	13,369	20,217	19,941	
Generator 4 Power Output (kWhr)	19,433	20,202	20,193	19,659	18,527	19,061	19,255	4,049	7,408	19,218	18,727	19,798	13,447	20,199	20,176	
Gross Power Output (kWhr)	57,414	59,118	59,113	57,681	56,928	57,911	58,023	11,000	21,602	57,913	55,932	58,386	40,185	60,572	60,271	
Net Power Output (kWhr)	55,824	57,516	57,476	56,032	55,280	56,260	56,284	10,596	21,022	56,177	54,384	56,836	38,984	58,784	58,456	
Power Sold as metered by NStar, (kWhr)	55,702	57,387	57,341	55,902	55,150	56,139	56,234	10,575	20,980	56,341	54,321	56,659	38,908	58,748	58,420	
Offgrid RECs (kWhr)	1,590	1,603	1,636	1,649	1,648	1,652	1,740	404	580	1,736	1,548	1,548	1,202	1,788	1,814	
Calculated Performance Results																
Daily																
Power output (kW average when running)																
Generator 1	795	770	770	770	770	797	834	1,012	823	832	805	790	780	838	838	
Generator 2	852	849	849	812	827	818	823	1,012	-	822	-	-	-	-	-	
Generator 3	-	-	-	-	-	-	573	-	-	-	811	815	786	842	831	
Generator 4	845	842	841	819	772	794	837	1,012	823	836	814	825	791	842	841	
Power output (kW average over 24-hrs)																
Facility Gross	2,392	2,463	2,463	2,403	2,372	2,413	2,418	458	900	2,413	2,331	2,433	1,674	2,524	2,511	
Facility Net	2,326	2,397	2,395	2,335	2,303	2,344	2,345	442	876	2,341	2,266	2,368	1,624	2,449	2,436	
In-plant load	66	67	68	69	69	69	72	17	24	72	65	65	50	75	76	
Daily availability factor																
Facility	72%	75%	75%	75%	75%	75%	73%	13%	28%	72%	72%	75%	53%	75%	75%	
Engine 1	96%	100%	100%	100%	100%	100%	96%	17%	38%	96%	96%	100%	71%	100%	100%	
Engine 2	96%	100%	100%	100%	100%	100%	96%	17%	0%	96%	0%	0%	0%	0%	0%	
Engine 3	0%	0%	0%	0%	0%	0%	4%	0%	38%	0%	96%	100%	71%	100%	100%	
Engine 4	96%	100%	100%	100%	100%	100%	96%	17%	38%	96%	96%	100%	71%	100%	100%	
Daily capacity factor																
Facility	72%	75%	75%	73%	72%	73%	73%	14%	27%	73%	71%	74%	51%	76%	76%	
Engine 1	96%	93%	93%	93%	93%	97%	101%	123%	100%	101%	98%	96%	95%	102%	102%	
Engine 2	103%	103%	103%	98%	100%	99%	100%	123%	0%	100%	0%	0%	0%	0%	0%	
Engine 3	0%	0%	0%	0%	0%	0%	69%	0%	0%	0%	98%	99%	95%	102%	101%	
Engine 4	102%	102%	102%	99%	94%	96%	101%	123%	100%	101%	99%	100%	96%	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	23	47	71	95	119	143	166	170	179	202	225	249	266	290	314	
Engine 2	23	47	71	95	119	143	166	170	170	193	193	193	193	193	193	
Engine 3	0	0	0	0	0	0	1	1	10	10	33	57	74	98	122	
Engine 4	23	47	71	95	119	143	166	170	179	202	225	249	266	290	314	
Engine operating run hours total from 0 hours																
Engine 1	61,059	61,082	61,106	61,130	61,154	61,178	61,202	61,225	61,229	61,238	61,261	61,284	61,308	61,325	61,349	61,373
Engine 2	57,421	57,444	57,468	57,492	57,516	57,540	57,564	57,587	57,591	57,591	57,614	57,614	57,614	57,614	57,614	
Engine 3	57,516	57,516	57,516	57,516	57,516	57,516	57,517	57,517	57,526	57,526	57,549	57,573	57,590	57,614	57,638	
Engine 4	56,017	56,040	56,064	56,088	56,112	56,136	56,160	56,183	56,187	56,196	56,219	56,242	56,266	56,283	56,307	56,331
Cumulative availability, % March 1, 2013 @ 00:00 hours																
Engine 1	96%	98%	99%	99%	99%	99%	99%	89%	83%	84%	85%	86%	85%	86%	87%	
Engine 2	96%	98%	99%	99%	99%	99%	99%	89%	79%	80%	73%	67%	62%	57%	54%	
Engine 3	0%	0%	0%	0%	0%	0%	1%	1%	5%	4%	13%	20%	24%	29%	34%	
Engine 4	96%	98%	99%	99%	99%	99%	99%	89%	83%	84%	85%	86%	85%	86%	87%	
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	795	1,565	2,335	3,104	3,874	4,671	5,505	6,517	7,340	8,172	8,977	9,767	10,547	11,385	12,224	
Engine 2	852	1,701	2,549	3,361	4,188	5,006	5,829	6,841	6,841	7,663	7,663	7,663	7,663	7,663	7,663	
Engine 3	-	-	-	-	-	-	573	573	573	573	1,384	2,199	2,986	3,828	4,659	
Engine 4	845	1,687	2,528	3,347	4,119	4,913	5,751	6,763	7,586	8,421	9,236	10,061	10,852	11,693	12,534	
Cumulative capacity factor, %																
Engine 1	96%	95%	94%	94%	94%	94%	95%	99%	99%	99%	99%	99%	98%	99%	99%	
Engine 2	103%	103%	103%	102%	102%	101%	101%	104%	92%	93%	84%	77%	71%	66%	62%	
Engine 3	0%	0%	0%	0%	0%	0%	10%	9%	8%	7%	15%	22%	28%	33%	38%	
Engine 4	102%	102%	102%	101%	100%	99%	100%	102%	102%	102%	102%	102%	101%	101%	101%	

			Friday 3/1/2013	Saturday 3/2/2013	Sunday 3/3/2013	Monday 3/4/2013	Tuesday 3/5/2013	Wednesday 3/6/2013	Thursday 3/7/2013	Friday 3/8/2013	Saturday 3/9/2013	Sunday 3/10/2013	Monday 3/11/2013	Tuesday 3/12/2013	Wednesday 3/13/2013	Thursday 3/14/2013	Friday 3/15/2013
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			69	141	213	285	357	429	499	511	538	607	676	748	799	871	943
Cumulative Availability, %			71.9%	73.4%	74.0%	74.2%	74.4%	74.5%	74.3%	66.5%	62.3%	63.2%	64.0%	64.9%	64.0%	64.8%	65.5%
Max cumulative gross output, kWhr			79,200	158,400	237,600	316,800	396,000	475,200	554,400	633,600	712,800	792,000	871,200	950,400	1,029,600	1,108,800	1,188,000
Actual cumulative gross output, kWhr			57,414	116,532	175,645	233,326	290,254	348,165	406,188	417,188	438,790	496,703	552,635	611,021	651,206	711,778	772,049
Cumulative Capacity Factor			72.5%	73.6%	73.9%	73.7%	73.3%	73.3%	73.3%	65.8%	61.6%	62.7%	63.4%	64.3%	63.2%	64.2%	65.0%
Cumulative fuel input, MMBtu HHV			721	1,468	2,210	2,953	3,662	4,382	5,096	5,246	5,526	6,240	6,932	7,668	8,196	8,943	9,680
Cumulative gross output, kWhr			57,414	116,532	175,645	233,326	290,254	348,165	406,188	417,188	438,790	496,703	552,635	611,021	651,206	711,778	772,049
Heat Rate																	
Daily heat rate, Btu/kWe gross LHV			11,301	11,379	11,298	11,596	11,215	11,187	11,085	12,275	11,668	11,085	11,142	11,351	11,830	11,102	11,012
Daily heat rate, Btu/kWe gross HHV			12,554	12,641	12,551	12,881	12,458	12,428	12,314	13,636	12,962	12,314	12,378	12,609	13,142	12,332	12,233
Cumulative heat rate, Btu/kWe gross LHV			11,301	11,341	11,326	11,393	11,358	11,330	11,295	11,321	11,338	11,308	11,291	11,297	11,330	11,311	11,287
Cumulative heat rate, Btu/kWe gross HHV			12,554	12,598	12,582	12,656	12,617	12,586	12,547	12,576	12,595	12,562	12,543	12,550	12,586	12,565	12,539
Cumulative by Facility starting Calendar Year																	
Max cumulative available engine run hours			5,568	5,664	5,760	5,856	5,952	6,048	6,144	6,240	6,336	6,432	6,528	6,624	6,720	6,816	6,912
Actual cumulative engine run hours			4,608	4,680	4,752	4,824	4,896	4,968	5,038	5,050	5,077	5,146	5,215	5,287	5,338	5,410	5,482
Cumulative Availability, %			82.8%	82.6%	82.5%	82.4%	82.3%	82.1%	82.0%	80.9%	80.1%	80.0%	79.9%	79.8%	79.4%	79.4%	79.3%
Max cumulative gross output, kWhr			4,593,600	4,672,800	4,752,000	4,831,200	4,910,400	4,989,600	5,068,800	5,148,000	5,227,200	5,306,400	5,385,600	5,464,800	5,544,000	5,623,200	5,702,400
Actual cumulative gross output, kWhr			3,366,839	3,425,957	3,485,070	3,542,751	3,599,679	3,657,590	3,715,613	3,726,613	3,748,215	3,806,128	3,862,060	3,920,446	3,960,631	4,021,203	4,081,474
Cumulative Capacity Factor			73.3%	73.3%	73.3%	73.3%	73.3%	73.3%	73.3%	72.4%	71.7%	71.7%	71.7%	71.7%	71.4%	71.5%	71.6%
Cumulative fuel input, MMBtu HHV			42,059	42,806	43,548	44,291	45,000	45,720	46,434	46,584	46,864	47,577	48,270	49,006	49,534	50,281	51,018
Cumulative gross output, kWhr			3,366,839	3,425,957	3,485,070	3,542,751	3,599,679	3,657,590	3,715,613	3,726,613	3,748,215	3,806,128	3,862,060	3,920,446	3,960,631	4,021,203	4,081,474
Cumulative heat rate, Btu/kWe gross LHV			11,245	11,248	11,248	11,254	11,253	11,252	11,250	11,253	11,255	11,253	11,251	11,253	11,258	11,256	11,252
Cumulative heat rate, Btu/kWe gross HHV			12,492	12,495	12,496	12,502	12,501	12,500	12,497	12,500	12,503	12,500	12,498	12,500	12,507	12,504	12,500
Service																	
	Engine 1	Gas cooler replaced								Snow Storm			Operations meeting			Scheduled Facility	6 new wells in Section 2 active area closed
	Engine 2									Communication Loss						Outage: Lightning protection,	
	Engine 3															high voltage wire, antenna	
	Engine 4															repairs	
Oil - oil and filter change																	
Service - plugs, air filter, valve inspection and adjustment																	
Precipitation																	
	NSTAR Power Reports		Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
	Date		3/1/2013	3/2/2013	3/3/2013	3/4/2013	3/5/2013	3/6/2013	3/7/2013	3/8/2013	3/9/2013	3/10/2013	3/11/2013	3/12/2013	3/13/2013	3/14/2013	3/15/2013
	Hour																
	1		2,391	2,389	2,387	2,385	2,298	2,301	2,409	2,421	-	2,454	2,443	2,308	2,397	2,447	2,447
	2		2,387	2,388	2,386	2,389	2,302	2,303	2,410	2,421	-	2,454	2,448	2,306	2,354	2,446	2,447
	3		2,387	2,391	2,391	2,387	2,299	2,300	2,413	2,421	-	2,452	2,443	2,311	2,352	2,447	2,443
	4		2,390	2,392	2,389	2,337	2,290	2,299	2,413	2,421	-	2,452	2,443	2,310	2,352	2,449	2,445
	5		2,390	2,388	2,386	2,320	2,299	2,301	2,409	891	-	2,451	2,449	2,307	2,322	2,449	2,448
	6		2,386	2,388	2,389	2,318	2,300	2,302	2,368	-	-	2,450	2,443	2,311	2,303	2,445	2,447
	7		2,387	2,393	2,391	2,315	2,297	2,292	485	-	-	2,451	2,446	2,312	2,302	2,445	2,442
	8		2,390	2,393	2,387	2,320	2,302	2,292	2,520	-	-	2,450	2,353	2,316	1,623	2,449	2,446
	9		2,386	2,389	2,388	2,317	2,298	2,298	2,491	-	-	2,449	2,108	2,358	-	2,447	2,418
	10		227	2,393	2,393	2,320	2,300	2,211	2,335	-	-	2,451	2,189	2,357	-	2,446	2,392
	11		2,447	2,392	2,388	2,315	2,298	2,243	2,450	-	-	2,448	1,143	2,357	-	2,450	2,399
	12		2,464	2,396	2,394	2,369	2,293	2,308	2,448	-	-	2,451	757	2,355	-	2,447	2,395
	13		2,457	2,391	2,388	2,347	2,297	2,349	2,447	-	-	2,446	2,457	2,351	-	2,450	2,375
	14		2,461	2,396	2,394	2,345	2,288	2,347	2,424	-	-	2,452	2,456	2,364	-	2,447	2,418
	15		2,457	2,390	2,389	2,357	2,302	2,349	2,418	-	-	2,452	2,453	2,401	-	2,449	2,430
	16		2,464	2,392	2,395	2,369	2,299	2,351	2,420	-	1,331	2,446	2,456	2,404	1,299	2,453	2,448
	17		2,458	2,396	2,389	2,310	2,301	2,412	2,422	-	2,455	2,453	2,450	2,405	2,452	2,450	2,452
	18		2,424	2,390	2,388	2,300	2,302	2,410	2,423	-	2,458	2,447	2,410	2,405	2,454	2,448	2,448
	19		2,393	2,389	2,393	2,297	2,296	2,414	2,422	-	2,457	2,451	2,364	2,405	2,451	2,450	2,447
	20		2,393	2,392	2,388	2,297	2,292	2,413	2,422	-	2,457	2,445	2,355	2,405	2,452	2,449	2,448
	21		2,390	2,391	2,386	2,293	2,298	2,410	2,422	-	2,456	2,446	2,333	2,404	2,448	2,449	2,448
	22		2,389	2,387	2,389	2,298	2,301	2,409	2,421	-	2,456	2,447	2,306	2,404	2,447	2,446	2,447
	23		2,391	2,389	2,389	2,301	2,300	2,413	2,421	-	2,455	2,443	2,305	2,400	2,450	2,444	2,445
	24		2,393	2,392	2,384	2,296	2,298	2,412	2,421	-	2,455	-	2,311	2,403	2,450	2,446	2,445
TOTAL			55,702	57,387	57,341	55,902	55,150	56,139	56,234	10,575	20,980	56,341	54,321	56,659	38,908	58,748	58,420
Cumulative Output Sold, kWhr			55,702	113,089	170,430	226,332	281,482	337,621	393,855	404,430	425,410	481,751	536,072	592,731	631,639	690,387	748,807
Transformer and line efficiency			99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.9%	99.8%	99.8%	100.3%	99.9%	99.7%	99.8%	99.9%	99.9%
Hourly average			2,321	2,391	2,389	2,329	2,298	2,339	2,343	441	874	2,348	2,263	2,361	1,621	2,448	2,434

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MARCH 2013																	
CNBE Daily Reports Summary Data																	
	Saturday 3/16/2013	Sunday 3/17/2013	Monday 3/18/2013	Tuesday 3/19/2013	Wednesday 3/20/2013	Thursday 3/21/2013	Friday 3/22/2013	Saturday 3/23/2013	Sunday 3/24/2013	Monday 3/25/2013	Tuesday 3/26/2013	Wednesday 3/27/2013	Thursday 3/28/2013	Friday 3/29/2013	Saturday 3/30/2013	Sunday 3/31/2013	TOTAL
Landfill Gas Flow to the Engines (K	1,490	1,488	1,479	970	1,400	1,499	1,446	1,493	1,482	1,464	1,459	1,447	1,488	1,476	1,504	1,497	41,714
Landfill Gas Flow to the Engines (M	734	717	712	501	706	763	736	760	749	761	747	746	742	736	746	751	21,289
Landfill Gas Flow to the Flare (KSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Flow to the Flare (MME	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Total Flow (KSCF)	1,490	1,488	1,479	970	1,400	1,499	1,446	1,493	1,482	1,464	1,459	1,447	1,488	1,476	1,504	1,497	41,714
Landfill Gas Total Flow (MMBTU H	734	717	712	501	706	763	736	760	749	761	747	746	742	736	746	751	21,289
Average Methane Content (%)	48.7	47.6	47.6	51.0	49.9	50.3	50.3	50.3	50.0	51.4	50.6	51.0	49.3	49.3	49.0	49.6	50.4
Engine 1 Hours	24	24	24	16	20	-	-	-	-	-	-	-	-	-	-	-	422
Engine 2 Hours	-	-	-	-	2	24	24	24	24	24	24	24	24	24	24	24	459
Engine 3 Hours	24	24	24	16	24	24	24	24	24	24	24	24	24	24	24	24	498
Engine 4 Hours	24	24	24	16	24	24	24	24	24	24	24	24	24	24	24	24	690
Generator 1 Power Output (kWhr)	20,124	20,126	19,650	13,544	14,508	-	-	-	-	-	-	-	-	-	-	-	340,001
Generator 2 Power Output (kWhr)	-	-	-	-	1,848	21,112	20,366	20,325	20,367	20,361	19,881	19,475	19,084	19,371	19,984	20,000	390,750
Generator 3 Power Output (kWhr)	19,141	19,030	18,892	13,373	18,183	20,947	20,207	20,168	20,211	20,212	20,211	20,198	20,223	20,210	20,213	20,212	404,518
Generator 4 Power Output (kWhr)	20,203	19,278	19,260	13,470	19,171	20,917	20,178	20,135	20,176	20,179	20,180	20,165	20,193	20,180	20,177	20,180	573,394
Gross Power Output (kWhr)	59,506	58,480	57,849	40,469	53,782	63,011	60,611	60,673	60,804	60,794	60,308	59,879	59,557	59,794	60,420	60,436	1,708,422
Net Power Output (kWhr)	57,712	56,664	55,988	39,080	51,932	61,224	59,060	58,956	59,092	58,984	58,484	58,116	57,760	58,032	58,664	58,684	1,658,343
Power Sold as metered by NStar, (t	57,666	56,615	55,951	39,044	51,904	56,902	58,987	58,997	58,999	58,900	58,383	58,056	57,615	57,932	58,539	58,577	1,651,874
Offgrid RECs (kWhr)	1,795	1,816	1,860	1,390	1,851	1,787	1,551	1,717	1,712	1,810	1,824	1,763	1,797	1,762	1,756	1,752	50,081
Calculated Performance Results																	
Daily																	
Power output (kW average whe																	
Generator 1	839	839	819	847	725	-	-	-	-	-	-	-	-	-	-	-	-
Generator 2	-	-	-	-	924	880	849	847	849	848	828	811	795	807	833	833	-
Generator 3	798	793	787	836	758	873	842	840	842	842	842	842	843	842	842	842	-
Generator 4	842	803	803	842	799	872	841	839	841	841	841	840	841	841	841	841	-
Power output (kW average over																	
Facility Gross	2,479	2,437	2,410	1,686	2,241	2,625	2,525	2,528	2,534	2,533	2,513	2,495	2,482	2,491	2,518	2,518	-
Facility Net	2,405	2,361	2,333	1,628	2,164	2,551	2,461	2,457	2,462	2,458	2,437	2,422	2,407	2,418	2,444	2,445	-
In-plant load	75	76	78	58	77	74	65	72	71	75	76	73	75	73	73	73	-
Daily availability factor																	
Facility	75%	75%	75%	50%	73%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	-
Engine 1	100%	100%	100%	67%	83%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-
Engine 2	0%	0%	0%	0%	8%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	-
Engine 3	100%	100%	100%	67%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	-
Engine 4	100%	100%	100%	67%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	-
Daily capacity factor																	
Facility	75%	74%	73%	51%	68%	80%	77%	77%	77%	77%	76%	76%	75%	75%	76%	76%	-
Engine 1	102%	102%	99%	103%	88%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-
Engine 2	0%	0%	0%	0%	112%	107%	103%	103%	103%	103%	100%	98%	96%	98%	101%	101%	-
Engine 3	97%	96%	95%	101%	92%	106%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	-
Engine 4	102%	97%	97%	102%	97%	106%	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	-
Cumulative by engine																	
Engine operating run hours in t																	
Max Cumulative Available, l	384	408	432	456	480	504	528	552	576	600	624	648	672	696	720	744	-
Engine 1	338	362	386	402	422	422	422	422	422	422	422	422	422	422	422	422	-
Engine 2	193	193	193	193	195	219	243	267	291	315	339	363	387	411	435	411	-
Engine 3	146	170	194	210	234	258	282	306	330	354	378	402	426	450	474	450	-
Engine 4	338	362	386	402	426	450	474	498	522	546	570	594	618	642	666	642	-
Engine operating run hours tota																	
Engine 1	61,397	61,421	61,445	61,461	61,481	61,481	61,481	61,481	61,481	61,481	61,481	61,481	61,481	61,481	61,481	61,481	-
Engine 2	57,614	57,614	57,614	57,614	57,616	57,640	57,664	57,688	57,712	57,736	57,760	57,784	57,808	57,832	57,856	57,832	-
Engine 3	57,662	57,686	57,710	57,726	57,750	57,774	57,798	57,822	57,846	57,870	57,894	57,918	57,942	57,966	57,990	57,966	-
Engine 4	56,355	56,379	56,403	56,419	56,443	56,467	56,491	56,515	56,539	56,563	56,587	56,611	56,635	56,659	56,683	56,659	-
Cumulative availability, %																	
Engine 1	88%	89%	89%	88%	88%	84%	80%	76%	73%	70%	68%	65%	63%	61%	59%	57%	-
Engine 2	50%	47%	45%	42%	41%	43%	46%	48%	51%	53%	54%	56%	58%	59%	60%	55%	-
Engine 3	38%	42%	45%	46%	49%	51%	53%	55%	57%	59%	61%	63%	65%	66%	66%	60%	-
Engine 4	88%	89%	89%	88%	89%	89%	90%	90%	91%	91%	91%	92%	92%	92%	93%	86%	-
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	13,062	13,901	14,719	15,566	16,291	16,291	16,291	16,291	16,291	16,291	16,291	16,291	16,291	16,291	16,291	16,291	-
Engine 2	7,663	7,663	7,663	7,663	8,587	9,467	10,315	11,162	12,011	12,859	13,687	14,499	15,294	16,101	16,934	16,127	-
Engine 3	5,456	6,249	7,036	7,872	8,630	9,503	10,345	11,185	12,027	12,869	13,711	14,553	15,396	16,238	17,080	16,238	-
Engine 4	13,376	14,179	14,981	15,823	16,622	17,494	18,334	19,173	20,014	20,855	21,696	22,536	23,377	24,218	25,059	24,218	-
Cumulative capacity factor, %																	
Engine 1	99%	99%	99%	99%	99%	94%	90%	86%	82%	79%	76%	73%	71%	68%	66%	68%	-
Engine 2	58%	55%	52%	49%	52%	55%	57%	59%	61%	62%	64%	65%	66%	67%	68%	67%	-
Engine 3	41%	45%	47%	50%	52%	55%	57%	59%	61%	62%	64%	65%	67%	68%	69%	68%	-
Engine 4	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	-

	Saturday 3/16/2013	Sunday 3/17/2013	Monday 3/18/2013	Tuesday 3/19/2013	Wednesday 3/20/2013	Thursday 3/21/2013	Friday 3/22/2013	Saturday 3/23/2013	Sunday 3/24/2013	Monday 3/25/2013	Tuesday 3/26/2013	Wednesday 3/27/2013	Thursday 3/28/2013	Friday 3/29/2013	Saturday 3/30/2013	Sunday 3/31/2013	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	2,784	
Actual cumulative engine run h	1,015	1,087	1,159	1,207	1,271	1,349	1,421	1,493	1,565	1,637	1,709	1,781	1,853	1,925	1,997	1,925	
Cumulative Availability, %	66.1%	66.6%	67.1%	66.2%	66.5%	66.9%	67.3%	67.6%	67.9%	68.2%	68.5%	68.7%	68.9%	69.1%	69.3%	69.1%	
Max cumulative gross output, k	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,	831,555	890,035	947,884	988,353	1,042,135	1,105,146	1,165,757	1,226,430	1,287,234	1,348,028	1,408,336	1,468,215	1,527,772	1,587,566	1,647,986	1,588,208	
Cumulative Capacity Factor	65.6%	66.1%	66.5%	65.7%	65.8%	66.4%	66.9%	67.3%	67.7%	68.1%	68.4%	68.7%	68.9%	69.1%	69.4%	69.1%	
Cumulative fuel input, MMBtu H	10,415	11,131	11,843	12,344	13,051	13,814	14,550	15,310	16,059	16,820	17,567	18,314	19,055	19,791	20,538	19,807	
Cumulative gross output, kWhr	831,555	890,035	947,884	988,353	1,042,135	1,105,146	1,165,757	1,226,430	1,287,234	1,348,028	1,408,336	1,468,215	1,527,772	1,587,566	1,647,986	1,588,208	
Heat Rate																	
Daily heat rate, Btu/kWe gross l	11,105	11,031	11,083	11,145	11,825	10,898	10,929	11,276	11,090	11,273	11,156	11,219	11,214	11,078	11,117	11,189	
Daily heat rate, Btu/kWe gross l	12,337	12,254	12,311	12,380	13,136	12,106	12,141	12,526	12,319	12,522	12,392	12,463	12,457	12,307	12,350	12,429	
Cumulative heat rate, Btu/kWe	11,274	11,258	11,248	11,243	11,273	11,252	11,235	11,237	11,230	11,232	11,229	11,228	11,228	11,222	11,218	11,226	
Cumulative heat rate, Btu/kWe	12,524	12,506	12,495	12,490	12,523	12,499	12,481	12,483	12,475	12,477	12,474	12,473	12,473	12,466	12,462	12,471	
Cumulative by Facility starting C																	
Max cumulative available engin	7,008	7,104	7,200	7,296	7,392	7,488	7,584	7,680	7,776	7,872	7,968	8,064	8,160	8,256	8,352	8,256	
Actual cumulative engine run h	5,554	5,626	5,698	5,746	5,816	5,888	5,960	6,032	6,104	6,176	6,248	6,320	6,392	6,464	6,536	6,464	
Cumulative Availability, %	79.3%	79.2%	79.1%	78.8%	78.7%	78.6%	78.6%	78.5%	78.5%	78.5%	78.4%	78.4%	78.3%	78.3%	78.3%	78.3%	
Max cumulative gross output, k	5,781,600	5,860,800	5,940,000	6,019,200	6,098,400	6,177,600	6,256,800	6,336,000	6,415,200	6,494,400	6,573,600	6,652,800	6,732,000	6,811,200	6,890,400	6,811,200	
Actual cumulative gross output,	4,140,980	4,199,460	4,257,309	4,297,778	4,351,560	4,414,571	4,475,182	4,535,855	4,596,659	4,657,453	4,717,761	4,777,640	4,837,197	4,896,991	4,957,411	4,897,633	
Cumulative Capacity Factor	71.6%	71.7%	71.7%	71.4%	71.4%	71.5%	71.5%	71.6%	71.7%	71.7%	71.8%	71.8%	71.9%	71.9%	71.9%	71.9%	
Cumulative fuel input, MMBtu H	51,752	52,469	53,181	53,682	54,389	55,151	55,887	56,647	57,396	58,158	58,905	59,651	60,393	61,129	61,875	61,144	
Cumulative gross output, kWhr	4,140,980	4,199,460	4,257,309	4,297,778	4,351,560	4,414,571	4,475,182	4,535,855	4,596,659	4,657,453	4,717,761	4,777,640	4,837,197	4,896,991	4,957,411	4,897,633	
Cumulative heat rate, Btu/kWe	11,250	11,247	11,245	11,244	11,251	11,246	11,242	11,242	11,240	11,241	11,240	11,239	11,239	11,237	11,236	11,239	
Cumulative heat rate, Btu/kWe	12,498	12,494	12,492	12,491	12,499	12,493	12,488	12,489	12,487	12,487	12,486	12,486	12,485	12,483	12,481	12,484	
Service																	
Engine 1	nnected																
Engine 2					Station battery failure	TY and Shawn Peckman											
Engine 3					4 new station batteries	tune active area											
Engine 4						3 horizontal and 2 new vertical watered out.											
Oil - oil and filter change																	
Service - plugs, air filter, valve inspr																	
Precipitation																	
NSTAR Power Reports																	
Date	3/16/2013	3/17/2013	3/18/2013	3/19/2013	3/20/2013	3/21/2013	3/22/2013	3/23/2013	3/24/2013	3/25/2013	3/26/2013	3/27/2013	3/28/2013	3/29/2013	3/30/2013	3/31/2013	TOTAL
Hour																	
1	2,445	2,396	2,342	2,354	2,402	2,244	2,461	2,459	2,454	2,455	2,452	2,395	2,397	2,432	2,427	2,421	
2	2,445	2,397	2,346	2,354	2,381	2,248	2,457	2,458	2,458	2,457	2,454	2,396	2,393	2,432	2,422	2,417	
3	2,410	2,397	2,342	2,359	2,263	2,248	2,459	2,454	2,458	2,458	2,455	2,401	2,394	2,435	2,418	2,416	
4	2,397	2,395	2,345	2,359	2,243	2,244	2,463	2,457	2,455	2,456	2,452	2,411	2,378	2,433	2,417	2,415	
5	2,396	2,394	2,341	95	2,239	2,249	2,460	2,459	2,455	2,454	2,451	2,411	2,359	2,433	2,433	2,417	
6	2,395	2,367	2,346	-	2,219	2,249	2,457	2,456	2,458	2,457	2,456	2,410	2,342	2,428	2,420	2,406	
7	2,395	2,348	2,341	-	2,188	2,244	2,462	2,455	2,459	2,460	2,452	2,411	2,337	2,374	2,423	2,416	
8	2,399	2,348	2,286	-	2,160	2,250	2,463	2,460	2,455	2,456	2,452	2,412	2,327	2,366	2,413	2,409	
9	2,400	2,346	2,213	-	2,132	2,386	2,450	2,458	2,457	2,453	2,449	2,408	2,294	2,347	2,417	2,408	
10	2,396	2,351	2,235	-	2,147	2,386	2,458	2,458	2,459	2,452	2,448	2,411	2,328	2,259	2,422	2,445	
11	2,402	2,347	2,267	-	2,219	2,387	2,458	2,460	2,460	2,451	2,450	2,343	2,434	2,163	2,438	2,455	
12	2,397	2,352	2,296	845	2,235	2,385	2,453	2,462	2,460	2,451	2,449	2,420	2,430	2,453	2,456	2,447	
13	2,402	2,352	2,321	2,178	2,186	2,408	2,453	2,457	2,461	2,450	2,450	2,454	2,430	2,455	2,456	2,456	
14	2,398	2,350	2,360	2,413	2,156	2,432	2,459	2,462	2,461	2,451	2,449	2,455	2,431	2,455	2,457	2,457	
15	2,403	2,351	2,355	2,407	2,140	2,436	2,459	2,463	2,461	2,452	2,450	2,455	2,431	2,458	2,457	2,457	
16	2,398	2,351	2,361	2,411	2,142	2,432	2,455	2,463	2,462	2,453	2,437	2,456	2,432	2,459	2,458	2,458	
17	2,403	2,349	2,356	2,414	2,108	2,450	2,460	2,458	2,462	2,457	2,403	2,455	2,435	2,458	2,458	2,458	
18	2,399	2,348	2,356	2,410	2,102	2,462	2,461	2,461	2,457	2,454	2,396	2,459	2,437	2,459	2,458	2,459	
19	2,398	2,349	2,360	2,410	2,212	2,459	2,457	2,459	2,463	2,455	2,398	2,455	2,436	2,457	2,459	2,460	
20	2,398	2,347	2,358	2,412	2,173	2,462	2,456	2,455	2,457	2,451	2,398	2,442	2,435	2,453	2,458	2,460	
21	2,400	2,347	2,354	2,405	1,495	2,463	2,459	2,455	2,456	2,456	2,395	2,423	2,432	2,436	2,458	2,461	
22	2,399	2,344	2,354	2,409	1,734	2,458	2,457	2,457	2,458	2,452	2,395	2,401	2,435	2,435	2,449	2,461	
23	2,396	2,343	2,358	2,403	2,381	2,457	2,455	2,457	2,458	2,453	2,397	2,390	2,432	2,430	2,443	2,455	
24	2,395	2,346	2,358	2,406	2,247	2,463	2,455	2,454	2,455	2,456	2,395	2,382	2,436	2,422	2,422	2,463	
TOTAL	57,666	56,615	55,951	39,044	51,904	56,902	58,987	58,997	58,999	58,900	58,383	58,056	57,615	57,932	58,539	58,577	
Cumulative Output Sold, kW	806,473	863,088	919,039	958,083	1,009,987	1,066,889	1,125,876	1,184,873	1,243,872	1,302,772	1,361,155	1,419,211	1,476,826	1,534,758	1,593,297	1,651,874	
Transformer and line efficien	99.9%	99.9%	99.9%	99.9%	99.9%	92.9%	99.9%	100.1%	99.8%	99.9%	99.8%	99.9%	99.7%	99.8%	99.8%	99.8%	0.0%
Hourly average	2,403	2,359	2,331	1,627	2,163	2,371	2,458	2,458	2,458	2,454	2,433	2,419	2,401	2,414	2,439	2,441	2,220

APRIL 2013																	
CNBE Daily Reports Summary Data																	
		Monday 4/1/2013	Tuesday 4/2/2013	Wednesday 4/3/2013	Thursday 4/4/2013	Friday 4/5/2013	Saturday 4/6/2013	Sunday 4/7/2013	Monday 4/8/2013	Tuesday 4/9/2013	Wednesday 4/10/2013	Thursday 4/11/2013	Friday 4/12/2013	Saturday 4/13/2013	Sunday 4/14/2013	Monday 4/15/2013	
Landfill Gas Flow to the Engines (KSCF)		1,434	1,464	1,388	1,446	1,452	1,516	1,525	1,605	1,474	1,441	1,426	1,426	1,431	1,461	1,447	
Landfill Gas Flow to the Engines (MMBTU HHV)		711	709	705	728	763	740	753	732	708	745	731	731	742	731	709	
Landfill Gas Flow to the Flare (KSCF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Flow to the Flare (MMBTU HHV)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Total Flow (KSCF)		1,434	1,464	1,388	1,446	1,452	1,516	1,525	1,605	1,474	1,441	1,426	1,426	1,431	1,461	1,447	
Landfill Gas Total Flow (MMBTU HHV)		711	709	705	728	763	740	753	732	708	745	731	731	742	731	709	
Average Methane Content (%)		49.0	47.9	50.2	49.7	51.9	48.2	48.8	45.0	47.5	51.1	50.6	50.6	51.2	49.4	48.4	
Engine 1 Hours		-	-	10	24	24	24	24	24	15	16	24	24	24	24	24	
Engine 2 Hours		24	24	14	-	-	-	-	-	13	12	-	-	-	-	-	
Engine 3 Hours		24	24	24	24	24	24	24	24	23	24	24	24	24	24	24	
Engine 4 Hours		24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
Generator 1 Power Output (kWhr)		-	-	8,230	20,118	20,119	20,119	20,120	19,401	9,711	11,735	20,110	20,020	20,109	20,109	19,298	
Generator 2 Power Output (kWhr)		20,365	19,751	10,036	-	-	-	-	-	9,299	9,515	-	-	-	-	-	
Generator 3 Power Output (kWhr)		20,212	19,656	19,358	20,220	20,218	20,217	20,219	20,035	17,253	19,467	20,215	20,128	20,219	20,219	19,729	
Generator 4 Power Output (kWhr)		20,176	20,041	19,335	20,191	20,190	20,192	20,192	20,187	18,476	19,562	20,187	20,098	20,189	20,186	19,567	
Gross Power Output (kWhr)		60,781	59,487	56,976	60,513	60,520	60,521	60,511	59,612	54,716	60,273	60,524	60,268	60,537	60,537	58,634	
Net Power Output (kWhr)		59,108	57,772	55,496	58,824	58,792	58,676	58,704	57,608	52,772	58,436	58,580	58,260	58,584	58,528	56,616	
Power Sold as metered by NStar, (kWhr)		59,001	57,682	55,575	58,739	58,684	58,578	58,616	57,485	52,662	58,315	58,477	58,221	58,486	58,417	56,514	
Offgrid RECs (kWhr)		1,673	1,716	1,486	1,690	1,727	1,845	1,807	2,006	1,942	1,837	1,945	2,009	1,952	2,009	2,018	
Calculated Performance Results																	
Daily																	
Power output (kW average when running)																	
Generator 1		-	-	823	838	838	838	838	808	647	733	838	834	838	838	804	
Generator 2		849	823	717	-	-	-	-	-	715	793	-	-	-	-	-	
Generator 3		842	819	807	843	842	842	842	835	750	811	842	839	842	842	822	
Generator 4		841	835	806	841	841	841	841	841	770	815	841	837	841	841	815	
Power output (kW average over 24-hrs)																	
Facility Gross		2,533	2,479	2,374	2,521	2,522	2,522	2,521	2,484	2,280	2,511	2,522	2,511	2,522	2,522	2,443	
Facility Net		2,463	2,407	2,312	2,451	2,450	2,445	2,446	2,400	2,199	2,435	2,441	2,428	2,441	2,439	2,359	
In-plant load		70	71	62	70	72	77	75	84	81	77	81	84	81	84	84	
Daily availability factor																	
Facility		75%	75%	75%	75%	75%	75%	75%	75%	78%	79%	75%	75%	75%	75%	75%	
Engine 1		0%	0%	42%	100%	100%	100%	100%	100%	63%	67%	100%	100%	100%	100%	100%	
Engine 2		100%	100%	58%	0%	0%	0%	0%	0%	54%	50%	0%	0%	0%	0%	0%	
Engine 3		100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	100%	100%	100%	
Engine 4		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Daily capacity factor																	
Facility		77%	75%	72%	76%	76%	76%	76%	75%	69%	76%	76%	76%	76%	76%	74%	
Engine 1		0%	0%	100%	102%	102%	102%	102%	98%	78%	89%	102%	101%	102%	102%	97%	
Engine 2		103%	100%	87%	0%	0%	0%	0%	0%	87%	96%	0%	0%	0%	0%	0%	
Engine 3		102%	99%	98%	102%	102%	102%	102%	101%	91%	98%	102%	102%	102%	102%	100%	
Engine 4		102%	101%	98%	102%	102%	102%	102%	102%	93%	99%	102%	102%	102%	102%	99%	
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	10	34	58	82	106	130	145	161	185	209	233	257	281	
Engine 2		24	48	62	62	62	62	62	62	75	87	87	87	87	87	87	
Engine 3		24	48	72	96	120	144	168	192	215	239	263	287	311	335	359	
Engine 4		24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	
Engine operating run hours total from 0 hours																	
Engine 1		61,481	61,481	61,491	61,515	61,539	61,563	61,587	61,611	61,626	61,642	61,666	61,690	61,714	61,738	61,762	
Engine 2		57,882	57,906	57,944	57,944	57,944	57,944	57,944	57,944	57,957	57,969	57,969	57,969	57,969	57,969	57,969	
Engine 3		58,063	58,087	58,111	58,135	58,159	58,183	58,207	58,231	58,255	58,278	58,302	58,326	58,350	58,374	58,422	
Engine 4		56,733	56,757	56,781	56,805	56,829	56,853	56,877	56,901	56,925	56,949	56,973	56,997	57,021	57,045	57,069	
Cumulative availability, % April 1, 2013 @ 00:00 hours																	
Engine 1		0%	0%	14%	35%	48%	57%	63%	68%	67%	67%	70%	73%	75%	76%	78%	
Engine 2		100%	100%	86%	65%	52%	43%	37%	32%	35%	36%	33%	30%	28%	26%	24%	
Engine 3		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%	
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	1,661	2,500	3,338	4,176	4,985	5,632	6,365	7,203	8,037	8,875	9,713	10,517	
Engine 2		849	1,672	2,388	2,388	2,388	2,388	2,388	2,388	3,104	3,897	3,897	3,897	3,897	3,897	3,897	
Engine 3		842	1,661	2,468	3,310	4,153	4,995	5,838	6,672	7,422	8,234	9,076	9,915	10,757	11,599	12,421	
Engine 4		841	1,676	2,481	3,323	4,164	5,005	5,847	6,688	7,458	8,273	9,114	9,951	10,792	11,633	12,449	
Cumulative capacity factor, %																	
Engine 1		0%	0%	33%	50%	61%	67%	72%	76%	76%	77%	79%	81%	83%	84%	85%	
Engine 2		103%	101%	96%	72%	58%	48%	41%	36%	42%	47%	43%	39%	36%	34%	31%	
Engine 3		102%	101%	100%	100%	101%	101%	101%	101%	100%	100%	100%	100%	100%	100%	100%	
Engine 4		102%	102%	100%	101%	101%	101%	101%	101%	100%	100%	100%	101%	101%	101%	101%	

		Monday 4/1/2013	Tuesday 4/2/2013	Wednesday 4/3/2013	Thursday 4/4/2013	Friday 4/5/2013	Saturday 4/6/2013	Sunday 4/7/2013	Monday 4/8/2013	Tuesday 4/9/2013	Wednesday 4/10/2013	Thursday 4/11/2013	Friday 4/12/2013	Saturday 4/13/2013	Sunday 4/14/2013	Monday 4/15/2013
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	651	727	799	871	943	1,015	1,087
Cumulative Availability, %		75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.3%	75.7%	75.7%	75.6%	75.6%	75.5%	75.5%
Max cumulative gross output, kWhr		79,200	158,400	237,600	316,800	396,000	475,200	554,400	633,600	712,800	792,000	871,200	950,400	1,029,600	1,108,800	1,188,000
Actual cumulative gross output, kWhr		60,781	120,268	177,244	237,757	298,277	358,798	419,309	478,921	533,637	593,910	654,434	714,702	775,239	835,776	894,410
Cumulative Capacity Factor		76.7%	75.9%	74.6%	75.0%	75.3%	75.5%	75.6%	75.6%	74.9%	75.0%	75.1%	75.2%	75.3%	75.4%	75.3%
Cumulative fuel input, MMBtu HHV		711	1,420	2,125	2,853	3,616	4,356	5,110	5,841	6,549	7,295	8,026	8,756	9,498	10,229	10,938
Cumulative gross output, kWhr		60,781	120,268	177,244	237,757	298,277	358,798	419,309	478,921	533,637	593,910	654,434	714,702	775,239	835,776	894,410
Heat Rate																
Daily heat rate, Btu/kWe gross LHV		10,526	10,734	11,142	10,828	11,352	11,007	11,208	11,049	11,647	11,131	10,871	10,916	11,034	10,869	10,887
Daily heat rate, Btu/kWe gross HHV		11,693	11,924	12,377	12,029	12,611	12,227	12,451	12,274	12,938	12,365	12,076	12,126	12,257	12,074	12,094
Cumulative heat rate, Btu/kWe gross LHV		10,526	10,629	10,794	10,802	10,914	10,930	10,970	10,980	11,048	11,057	11,039	11,029	11,029	11,018	11,009
Cumulative heat rate, Btu/kWe gross HHV		11,693	11,807	11,990	12,000	12,124	12,141	12,186	12,197	12,273	12,282	12,263	12,252	12,252	12,239	12,230
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		6,536	6,608	6,680	6,752	6,824	6,896	6,968	7,040	7,115	7,191	7,263	7,335	7,407	7,479	7,551
Cumulative Availability, %		78.3%	78.2%	78.2%	78.1%	78.1%	78.1%	78.0%	78.0%	78.0%	78.0%	78.0%	78.0%	77.9%	77.9%	77.9%
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		4,958,414	5,017,901	5,074,877	5,135,390	5,195,910	5,256,431	5,316,942	5,376,554	5,431,270	5,491,543	5,552,067	5,612,335	5,672,872	5,733,409	5,792,043
Cumulative Capacity Factor		72.0%	72.0%	72.0%	72.0%	72.1%	72.1%	72.2%	72.2%	72.2%	72.2%	72.3%	72.3%	72.4%	72.4%	72.4%
Cumulative fuel input, MMBtu HHV		61,855	62,564	63,270	63,998	64,761	65,501	66,254	66,986	67,694	68,439	69,170	69,901	70,643	71,374	72,083
Cumulative gross output, kWhr		4,958,414	5,017,901	5,074,877	5,135,390	5,195,910	5,256,431	5,316,942	5,376,554	5,431,270	5,491,543	5,552,067	5,612,335	5,672,872	5,733,409	5,792,043
Cumulative heat rate, Btu/kWe gross LHV		11,230	11,224	11,223	11,218	11,220	11,217	11,217	11,215	11,220	11,219	11,215	11,212	11,210	11,206	11,203
Cumulative heat rate, Btu/kWe gross HHV		12,475	12,468	12,467	12,462	12,464	12,461	12,461	12,459	12,464	12,463	12,458	12,455	12,453	12,449	12,445
Service																
Engine 1			District adds another vertical well													
Engine 2			Moved station batteries to engine room													
Engine 3			Calibrated CA instrument													
Engine 4																
Oil - oil and filter change																
Service - plugs, air filter, valve inspection and adjustment																
Precipitation																
NSTAR Power Reports																
Date		Monday 4/1/2013	Tuesday 4/2/2013	Wednesday 4/3/2013	Thursday 4/4/2013	Friday 4/5/2013	Saturday 4/6/2013	Sunday 4/7/2013	Monday 4/8/2013	Tuesday 4/9/2013	Wednesday 4/10/2013	Thursday 4/11/2013	Friday 4/12/2013	Saturday 4/13/2013	Sunday 4/14/2013	Monday 4/15/2013
Hour																
1		2,463	2,454	2,439	2,454	2,443	2,443	2,438	2,445	2,171	2,451	2,442	2,433	2,436	2,434	2,430
2		2,462	2,437	2,438	2,451	2,443	2,442	2,438	2,443	2,201	2,452	2,442	2,433	2,438	2,432	2,428
3		2,463	2,396	2,438	2,452	2,444	2,442	2,439	2,443	2,244	2,452	2,442	2,434	2,439	2,432	2,429
4		2,462	2,384	2,438	2,451	2,446	2,441	2,439	2,447	2,292	2,451	2,442	2,433	2,438	2,434	2,430
5		2,463	2,378	2,438	2,452	2,444	2,441	2,439	2,444	2,324	2,451	2,442	2,434	2,436	2,433	2,426
6		2,460	2,376	2,438	2,451	2,444	2,441	2,438	2,446	2,370	2,453	2,442	2,434	2,436	2,434	2,426
7		2,462	2,370	2,438	2,451	2,445	2,441	2,439	2,445	2,418	2,454	2,441	2,435	2,438	2,432	2,428
8		2,461	2,366	2,438	2,448	2,444	2,440	2,441	2,442	2,367	2,444	2,440	2,435	2,437	2,433	2,427
9		2,459	2,344	2,436	2,446	2,446	2,439	2,439	2,441	1,865	2,216	2,436	2,412	2,435	2,435	2,351
10		2,455	2,263	2,441	2,448	2,442	2,441	2,442	2,439	2,439	2,468	2,431	2,402	2,436	2,436	2,119
11		2,454	2,200	2,447	2,449	2,445	2,441	2,442	2,439	2,287	2,427	2,430	2,404	2,436	2,435	2,224
12		2,456	2,439	1,744	2,450	2,441	2,441	2,442	2,440	1,516	2,427	2,431	2,404	2,436	2,437	2,257
13		2,454	2,438	746	2,450	2,445	2,441	2,444	2,440	1,148	2,327	2,434	2,403	2,439	2,438	2,257
14		2,456	2,438	1,760	2,447	2,444	2,442	2,444	2,440	1,221	2,439	2,431	2,405	2,440	2,437	2,271
15		2,457	2,438	2,362	2,441	2,445	2,442	2,444	2,208	1,749	2,439	2,434	2,405	2,439	2,437	2,282
16		2,458	2,440	2,463	2,443	2,447	2,442	2,446	2,305	2,447	2,439	2,438	2,409	2,436	2,437	2,305
17		2,451	2,442	2,463	2,446	2,449	2,442	2,446	2,421	2,450	2,438	2,438	2,437	2,441	2,437	2,382
18		2,460	2,443	2,464	2,446	2,450	2,443	2,447	2,419	2,449	2,439	2,435	2,439	2,438	2,437	2,382
19		2,459	2,443	2,460	2,447	2,449	2,439	2,447	2,418	2,449	2,441	2,436	2,439	2,438	2,434	2,379
20		2,459	2,439	2,459	2,443	2,449	2,440	2,444	2,417	2,451	2,441	2,434	2,438	2,435	2,433	2,378
21		2,458	2,438	2,458	2,444	2,446	2,440	2,447	2,415	2,451	2,442	2,435	2,437	2,434	2,432	2,377
22		2,458	2,437	2,457	2,444	2,447	2,439	2,443	2,330	2,451	2,441	2,435	2,438	2,435	2,430	2,377
23		2,457	2,439	2,456	2,442	2,443	2,438	2,445	2,185	2,451	2,441	2,433	2,439	2,435	2,428	2,375
24		2,454	2,440	2,454	2,442	2,443	2,437	2,443	2,173	2,451	2,442	2,433	2,439	2,435	2,430	2,374
TOTAL		59,001	57,682	55,575	58,739	58,684	58,578	58,616	57,485	52,662	58,315	58,477	58,221	58,486	58,417	56,514
Cumulative Output Sold, kWhr		59,001	116,683	172,258	230,997	289,681	348,259	406,875	464,360	517,022	575,337	633,814	692,035	750,521	808,938	865,452
Transformer and line efficiency		99.8%	99.8%	100.1%	99.9%	99.8%	99.8%	99.9%	99.8%	99.8%	99.8%	99.8%	99.9%	99.8%	99.8%	99.8%
Hourly average		2,458	2,403	2,316	2,447	2,445	2,441	2,442	2,395	2,194	2,430	2,437	2,426	2,437	2,434	2,355

APRIL 2013																	
CNBE Daily Reports Summary Data																	
	Tuesday 4/16/2013	Wednesday 4/17/2013	Thursday 4/18/2013	Friday 4/19/2013	Saturday 4/20/2013	Sunday 4/21/2013	Monday 4/22/2013	Tuesday 4/23/2013	Wednesday 4/24/2013	Thursday 4/25/2013	Friday 4/26/2013	Saturday 4/27/2013	Sunday 4/28/2013	Monday 4/29/2013	Tuesday 4/30/2013	TOTAL	
Landfill Gas Flow to the Engines (K	1,438	1,416	1,419	1,362	1,401	1,416	1,418	1,412	1,376	1,432	1,422	1,361	1,360	1,327	1,407	42,902	
Landfill Gas Flow to the Engines (M	722	719	722	729	725	698	716	741	748	732	688	691	709	707	728	21,713	
Landfill Gas Flow to the Flare (KSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Flow to the Flare (MME	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Total Flow (KSCF)	1,438	1,416	1,419	1,362	1,401	1,416	1,418	1,412	1,376	1,432	1,422	1,361	1,360	1,327	1,407	42,902	
Landfill Gas Total Flow (MMBTU H	722	719	722	729	725	698	716	741	748	732	688	691	709	707	728	21,713	
Average Methane Content (%)	49.6	50.2	50.3	52.9	51.1	48.7	49.9	51.8	53.7	50.5	47.8	50.2	51.6	52.6	51.1	50.0	
Engine 1 Hours	24	24	12	-	-	-	15	24	24	24	24	24	24	12	-	512	
Engine 2 Hours	-	-	15	24	24	24	9	-	-	1	-	-	-	12	24	220	
Engine 3 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	719	
Engine 4 Hours	24	24	22	24	24	24	24	24	24	24	24	24	24	24	24	718	
Generator 1 Power Output (kWhr)	19,635	19,635	10,257	-	-	-	11,850	19,856	19,885	20,103	19,451	19,057	19,059	8,542	-	416,529	
Generator 2 Power Output (kWhr)	-	-	10,710	19,313	20,366	17,554	6,437	-	-	1	-	-	-	9,596	19,137	172,080	
Generator 3 Power Output (kWhr)	19,744	19,742	19,407	20,041	20,216	19,703	20,025	19,969	19,791	19,177	18,622	18,029	18,064	18,298	19,341	587,534	
Generator 4 Power Output (kWhr)	19,705	19,704	17,433	20,015	20,186	19,677	20,002	19,937	19,754	19,655	18,581	18,010	18,051	18,422	20,189	588,090	
Gross Power Output (kWhr)	59,120	59,119	57,824	59,353	60,748	56,924	58,314	59,767	59,449	58,952	56,691	55,138	55,207	54,876	58,637	1,764,529	
Net Power Output (kWhr)	57,192	57,228	55,996	57,580	58,896	55,028	56,404	57,860	57,640	57,028	54,800	53,464	53,628	53,172	56,812	1,709,484	
Power Sold as metered by NStar, (t	57,080	57,080	55,875	57,426	58,761	55,021	56,342	57,771	57,517	56,901	54,674	53,326	53,487	53,035	56,675	1,706,423	
Offgrid RECs (kWhr)	1,928	1,892	1,827	1,773	1,853	1,899	1,912	1,907	1,809	1,924	1,891	1,674	1,579	1,704	1,825	55,059	
Calculated Performance Results																	
Daily																	
Power output (kW average whe																	
Generator 1	818	818	855	-	-	-	790	827	829	838	810	794	794	712	-		
Generator 2	-	-	714	805	849	731	715	-	-	1	-	-	-	800	797		
Generator 3	823	823	809	835	842	821	834	832	825	799	776	751	753	762	806		
Generator 4	821	821	792	834	841	820	833	831	823	819	774	750	752	768	841		
Power output (kW average over																	
Facility Gross	2,463	2,463	2,409	2,473	2,531	2,372	2,430	2,490	2,477	2,456	2,362	2,297	2,300	2,287	2,443		
Facility Net	2,383	2,385	2,333	2,399	2,454	2,293	2,350	2,411	2,402	2,376	2,283	2,228	2,235	2,216	2,367		
In-plant load	80	79	76	74	77	79	80	79	75	80	79	70	66	71	76		
Daily availability factor																	
Facility	75%	75%	76%	75%	75%	75%	75%	75%	75%	76%	75%	75%	75%	75%	75%		
Engine 1	100%	100%	50%	0%	0%	0%	63%	100%	100%	100%	100%	100%	100%	100%	0%		
Engine 2	0%	0%	63%	100%	100%	100%	38%	0%	0%	4%	0%	0%	0%	50%	100%		
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
Engine 4	100%	100%	92%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
Daily capacity factor																	
Facility	75%	75%	73%	75%	77%	72%	74%	75%	75%	74%	72%	70%	70%	69%	74%		
Engine 1	99%	99%	104%	0%	0%	0%	96%	100%	100%	102%	98%	96%	96%	86%	0%		
Engine 2	0%	0%	87%	98%	103%	89%	87%	0%	0%	0%	0%	0%	0%	97%	97%		
Engine 3	100%	100%	98%	101%	102%	100%	101%	101%	100%	97%	94%	91%	91%	92%	98%		
Engine 4	100%	100%	96%	101%	102%	99%	101%	101%	100%	99%	94%	91%	91%	93%	102%		
Cumulative by engine																	
Engine operating run hours in t																	
Max Cumulative Available, l	384	408	432	456	480	504	528	552	576	600	624	648	672	696	720		
Engine 1	305	329	341	341	341	341	356	380	404	428	452	476	500	512	512		
Engine 2	87	87	102	126	150	174	183	183	183	184	184	184	184	196	220		
Engine 3	383	407	431	455	479	503	527	551	575	599	623	647	671	695	719		
Engine 4	384	408	430	454	478	502	526	550	574	598	622	646	670	694	718		
Engine operating run hours tota																	
Engine 1	61,786	61,810	61,822	61,822	61,822	61,822	61,837	61,861	61,885	61,909	61,933	61,957	61,981	61,993	61,993		
Engine 2	57,969	57,969	57,984	58,008	58,032	58,056	58,065	58,065	58,065	58,066	58,066	58,066	58,066	58,078	58,102		
Engine 3	58,446	58,470	58,494	58,518	58,542	58,566	58,590	58,614	58,638	58,662	58,686	58,710	58,734	58,758	58,782		
Engine 4	57,117	57,141	57,163	57,187	57,211	57,235	57,259	57,283	57,307	57,331	57,355	57,379	57,403	57,427	57,451		
Cumulative availability, %																	
Engine 1	79%	81%	79%	75%	71%	68%	67%	69%	70%	71%	72%	73%	74%	74%	71%		
Engine 2	23%	21%	24%	28%	31%	35%	35%	33%	32%	31%	29%	28%	27%	28%	31%		
Engine 3	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%		
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	11,335	12,154	13,008	13,008	13,008	13,008	13,798	14,626	15,454	16,292	17,102	17,896	18,690	19,402	19,402		
Engine 2	3,897	3,897	4,611	5,415	6,264	6,995	7,711	7,711	7,711	7,712	7,712	7,712	7,712	8,511	9,309		
Engine 3	13,244	14,067	14,875	15,710	16,553	17,374	18,208	19,040	19,865	20,664	21,440	22,191	22,944	23,706	24,512		
Engine 4	13,270	14,091	14,883	15,717	16,558	17,378	18,211	19,042	19,865	20,684	21,458	22,209	22,961	23,729	24,570		
Cumulative capacity factor, %																	
Engine 1	86%	87%	88%	83%	79%	75%	76%	77%	78%	79%	80%	80%	81%	81%	78%		
Engine 2	30%	28%	31%	35%	38%	40%	42%	41%	39%	37%	36%	35%	33%	36%	38%		
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	99%	99%		
Engine 4	101%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	99%	99%		

	Tuesday 4/16/2013	Wednesday 4/17/2013	Thursday 4/18/2013	Friday 4/19/2013	Saturday 4/20/2013	Sunday 4/21/2013	Monday 4/22/2013	Tuesday 4/23/2013	Wednesday 4/24/2013	Thursday 4/25/2013	Friday 4/26/2013	Saturday 4/27/2013	Sunday 4/28/2013	Monday 4/29/2013	Tuesday 4/30/2013	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	1,159	1,231	1,304	1,376	1,448	1,520	1,592	1,664	1,736	1,809	1,881	1,953	2,025	2,097	2,169	
Cumulative Availability, %	75.5%	75.4%	75.5%	75.4%	75.4%	75.4%	75.4%	75.4%	75.3%	75.4%	75.4%	75.3%	75.3%	75.3%	75.3%	
Max cumulative gross output, k	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,	953,530	1,012,649	1,070,473	1,129,826	1,190,574	1,247,498	1,305,812	1,365,579	1,425,028	1,483,980	1,540,671	1,595,809	1,651,016	1,705,892	1,764,529	
Cumulative Capacity Factor	75.2%	75.2%	75.1%	75.1%	75.2%	75.0%	74.9%	75.0%	75.0%	74.9%	74.8%	74.6%	74.5%	74.3%	74.3%	
Cumulative fuel input, MMBtu H	11,660	12,379	13,101	13,830	14,555	15,253	15,968	16,709	17,457	18,189	18,877	19,569	20,278	20,985	21,713	
Cumulative gross output, kWhr	953,530	1,012,649	1,070,473	1,129,826	1,190,574	1,247,498	1,305,812	1,365,579	1,425,028	1,483,980	1,540,671	1,595,809	1,651,016	1,705,892	1,764,529	
Heat Rate																
Daily heat rate, Btu/kWe gross l	10,995	10,944	11,235	11,063	10,742	11,032	11,048	11,155	11,331	11,179	10,923	11,288	11,567	11,599	11,175	
Daily heat rate, Btu/kWe gross l	12,214	12,157	12,481	12,289	11,933	12,255	12,273	12,391	12,587	12,419	12,134	12,539	12,850	12,885	12,414	
Cumulative heat rate, Btu/kWe	11,008	11,004	11,017	11,019	11,005	11,006	11,008	11,015	11,028	11,034	11,030	11,039	11,056	11,074	11,077	
Cumulative heat rate, Btu/kWe	12,229	12,224	12,238	12,241	12,225	12,227	12,229	12,236	12,250	12,257	12,253	12,263	12,282	12,302	12,305	
Cumulative by Facility starting C																
Max cumulative available engin	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 h	7,623	7,695	7,768	7,840	7,912	7,984	8,056	8,128	8,200	8,273	8,345	8,417	8,489	8,561	8,633	
Cumulative Availability, %	77.8%	77.8%	77.8%	77.8%	77.8%	77.7%	77.7%	77.7%	77.7%	77.6%	77.6%	77.6%	77.6%	77.5%	77.5%	
Max cumulative gross output, k	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,	5,851,163	5,910,282	5,968,106	6,027,459	6,088,207	6,145,131	6,203,445	6,263,212	6,322,661	6,381,613	6,438,304	6,493,442	6,548,649	6,603,525	6,662,162	
Cumulative Capacity Factor	72.4%	72.5%	72.5%	72.5%	72.5%	72.5%	72.5%	72.6%	72.6%	72.6%	72.6%	72.6%	72.5%	72.5%	72.5%	
Cumulative fuel input, MMBtu H	72,805	73,524	74,245	74,975	75,700	76,397	77,113	77,853	78,602	79,334	80,022	80,713	81,423	82,130	82,858	
Cumulative gross output, kWhr	5,851,163	5,910,282	5,968,106	6,027,459	6,088,207	6,145,131	6,203,445	6,263,212	6,322,661	6,381,613	6,438,304	6,493,442	6,548,649	6,603,525	6,662,162	
Cumulative heat rate, Btu/kWe	11,201	11,198	11,199	11,197	11,193	11,191	11,190	11,190	11,191	11,191	11,189	11,189	11,193	11,196	11,196	
Cumulative heat rate, Btu/kWe	12,443	12,440	12,440	12,439	12,434	12,432	12,431	12,430	12,432	12,432	12,429	12,430	12,433	12,437	12,437	
Service																
Engine 1																
Engine 2							Piston failure								Fix E-2	
Engine 3																
Engine 4																
Oil - oil and filter change																Station battery charger failure
Service - plugs, air filter, valve insp																
Precipitation																
NSTAR Power Reports																
Date	4/16/2013	4/17/2013	4/18/2013	4/19/2013	4/20/2013	4/21/2013	4/22/2013	4/23/2013	4/24/2013	4/25/2013	4/26/2013	4/27/2013	4/28/2013	4/29/2013	4/30/2013	TOTAL
Hour																
1	2,375	2,379	2,380	2,344	2,450	2,442	2,262	2,434	2,382	2,401	2,391	2,211	2,230	2,229	2,398	
2	2,375	2,381	2,379	2,345	2,450	2,438	2,262	2,435	2,385	2,400	2,389	2,214	2,230	2,230	2,398	
3	2,375	2,379	2,379	2,344	2,451	2,437	2,262	2,436	2,385	2,400	2,390	2,213	2,230	2,230	2,398	
4	2,375	2,381	2,380	2,344	2,450	2,403	2,265	2,436	2,383	2,403	2,390	2,212	2,230	2,230	2,399	
5	2,375	2,379	2,379	2,344	2,451	2,386	2,262	2,436	2,385	2,400	2,387	2,214	2,230	2,230	2,398	
6	2,375	2,380	2,380	2,344	2,451	2,364	2,262	2,435	2,386	2,400	2,389	2,212	2,231	2,230	2,398	
7	2,377	2,383	2,381	2,345	2,452	2,289	2,264	2,436	2,385	2,401	2,390	2,214	2,231	2,231	2,380	
8	2,376	2,380	2,356	2,344	2,452	2,204	2,263	2,437	2,384	2,400	2,388	2,215	2,228	2,230	2,345	
9	2,375	2,380	2,230	2,376	2,450	2,210	2,213	2,434	2,383	2,366	2,370	2,218	2,228	1,353	2,344	
10	2,379	2,377	2,113	2,426	2,451	2,211	1,911	2,434	2,385	2,324	2,205	2,221	2,228	1,128	2,344	
11	2,376	2,377	2,213	2,047	2,449	2,216	2,440	2,435	2,387	2,324	2,205	2,223	2,226	2,206	2,344	
12	2,376	2,377	2,261	2,445	2,449	2,236	2,437	2,394	2,434	2,324	2,207	2,225	2,226	2,121	2,343	
13	2,377	2,376	2,308	2,444	2,448	2,266	2,437	2,377	2,439	2,317	2,206	2,225	2,226	1,827	2,343	
14	2,377	2,373	2,313	2,446	2,448	2,267	2,437	2,380	2,412	2,223	2,213	2,225	2,226	2,219	2,345	
15	2,377	2,373	2,336	2,444	2,448	2,267	2,437	2,383	2,398	2,394	2,212	2,226	2,226	2,444	2,347	
16	2,381	2,377	2,341	2,445	2,447	2,268	2,437	2,382	2,399	2,269	2,215	2,226	2,227	2,443	2,348	
17	2,383	2,377	2,341	2,449	2,446	2,268	2,438	2,381	2,399	2,398	2,217	2,228	2,228	2,444	2,349	
18	2,383	2,377	2,342	2,451	2,446	2,268	2,438	2,383	2,402	2,396	2,217	2,228	2,228	2,447	2,349	
19	2,384	2,378	2,344	2,451	2,447	2,265	2,437	2,386	2,403	2,395	2,218	2,229	2,229	2,447	2,350	
20	2,383	2,379	2,344	2,450	2,447	2,265	2,437	2,385	2,403	2,396	2,217	2,229	2,230	2,447	2,351	
21	2,383	2,379	2,344	2,450	2,446	2,264	2,436	2,383	2,402	2,395	2,215	2,230	2,230	2,448	2,351	
22	2,380	2,379	2,343	2,450	2,445	2,262	2,435	2,382	2,399	2,393	2,215	2,229	2,230	2,425	2,351	
23	2,383	2,379	2,344	2,449	2,444	2,261	2,435	2,384	2,399	2,391	2,214	2,229	2,229	2,398	2,351	
24	2,380	2,380	2,344	2,449	2,443	2,264	2,435	2,383	2,398	2,391	2,214	2,230	2,230	2,398	2,351	
TOTAL	57,080	57,080	55,875	57,426	58,761	55,021	56,342	57,771	57,517	56,901	54,674	53,326	53,487	53,035	56,675	
Cumulative Output Sold, kW	922,532	979,612	1,035,487	1,092,913	1,151,674	1,206,695	1,263,037	1,320,808	1,378,325	1,435,226	1,489,900	1,543,226	1,596,713	1,649,748	1,706,423	
Transformer and line efficienc	99.8%	99.7%	99.8%	99.7%	99.8%	100.0%	99.9%	99.8%	99.8%	99.8%	99.8%	99.7%	99.7%	99.7%	99.8%	0.0%
Hourly average	2,378	2,378	2,328	2,393	2,448	2,293	2,348	2,407	2,397	2,371	2,278	2,222	2,229	2,210	2,361	2,370

MAY 2013																	
CNBE Daily Reports Summary Data																	
		Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	
		5/1/2013	5/2/2013	5/3/2013	5/4/2013	5/5/2013	5/6/2013	5/7/2013	5/8/2013	5/9/2013	5/10/2013	5/11/2013	5/12/2013	5/13/2013	5/14/2013	5/15/2013	
Landfill Gas Flow to the Engines (KSCF)		1,417	1,361	1,380	1,433	1,411	1,380	1,418	1,423	1,397	1,404	1,395	1,366	1,413	1,426	1,389	
Landfill Gas Flow to the Engines (MMBTU HHV)		721	707	698	730	728	710	726	733	733	734	734	725	721	726	715	
Landfill Gas Flow to the Flare (KSCF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Flow to the Flare (MMBTU HHV)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Total Flow (KSCF)		1,417	1,361	1,380	1,433	1,411	1,380	1,418	1,423	1,397	1,404	1,395	1,366	1,413	1,426	1,389	
Landfill Gas Total Flow (MMBTU HHV)		721	707	698	730	728	710	726	733	733	734	734	725	721	726	715	
Average Methane Content (%)		50.3	51.3	50.0	50.3	50.9	50.8	50.6	50.9	51.9	51.6	52.0	52.5	50.4	50.3	50.8	
Engine 1 Hours		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Engine 2 Hours		24	24	23	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		24	24	23	24	24	24	24	24	24	24	24	24	24	24	24	
Generator 1 Power Output (kWhr)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Generator 2 Power Output (kWhr)		19,138	17,903	18,469	19,355	19,144	19,166	19,158	19,149	19,965	20,382	20,365	20,366	20,303	20,366	20,363	
Generator 3 Power Output (kWhr)		19,012	18,494	19,045	19,228	19,015	19,253	20,223	20,216	20,202	19,682	20,211	19,469	19,741	18,653		
Generator 4 Power Output (kWhr)		20,188	19,099	19,384	20,417	20,190	19,741	20,197	20,182	20,170	20,196	20,182	20,183	20,184	20,091	19,350	
Gross Power Output (kWhr)		58,313	55,464	56,893	58,974	58,329	58,136	59,542	59,514	60,295	60,212	60,731	60,736	59,926	60,171	58,346	
Net Power Output (kWhr)		56,508	53,724	55,304	57,355	56,710	56,452	57,812	57,772	58,536	58,388	58,936	58,928	58,088	58,308	56,484	
Power Sold as metered by NStar, (kWhr)		56,368	53,586	55,170	57,007	56,552	56,348	57,614	57,618	58,423	58,185	58,783	58,773	57,960	58,171	56,344	
Offgrid RECs (kWhr)		1,804	1,741	1,588	1,619	1,619	1,685	1,729	1,743	1,760	1,823	1,794	1,809	1,838	1,862	1,863	
Calculated Performance Results																	
Daily																	
Power output (kW average when running)																	
Generator 1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Generator 2		797	746	803	806	798	799	798	798	832	849	849	849	846	849	848	
Generator 3		792	771	828	801	792	802	843	842	842	820	842	842	811	823	777	
Generator 4		841	796	843	851	841	823	842	841	840	842	841	841	841	837	806	
Power output (kW average over 24-hrs)																	
Facility Gross		2,430	2,311	2,371	2,457	2,430	2,422	2,481	2,480	2,512	2,509	2,530	2,531	2,497	2,507	2,431	
Facility Net		2,355	2,239	2,304	2,390	2,363	2,352	2,409	2,407	2,439	2,433	2,456	2,455	2,420	2,430	2,354	
In-plant load		75	73	66	67	67	70	72	73	73	76	75	75	77	78	78	
Daily availability factor																	
Facility		75%	75%	72%	75%	75%	75%	75%	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%	
Engine 2		100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 3		100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 4		100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Daily capacity factor																	
Facility		74%	70%	72%	74%	74%	73%	75%	75%	76%	76%	77%	77%	76%	76%	74%	
Engine 1		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Engine 2		97%	90%	97%	98%	97%	97%	97%	97%	101%	103%	103%	103%	103%	103%	103%	
Engine 3		96%	93%	100%	97%	96%	97%	102%	102%	102%	99%	102%	102%	98%	100%	94%	
Engine 4		102%	96%	102%	103%	102%	100%	102%	102%	102%	102%	102%	102%	102%	101%	98%	
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	0	0	0	0	0	0	0	0	0	0	0	0	
Engine 2		24	48	71	95	119	143	167	191	215	239	263	287	311	335	359	
Engine 3		24	48	71	95	119	143	167	191	215	239	263	287	311	335	359	
Engine 4		24	48	71	95	119	143	167	191	215	239	263	287	311	335	359	
Engine operating run hours total from 0 hours																	
Engine 1		61,995	61,995	61,995	61,995	61,995	61,995	61,995	61,995	61,995	61,995	61,995	61,995	61,995	61,995	61,995	
Engine 2		58,077	58,101	58,125	58,148	58,172	58,196	58,220	58,244	58,268	58,292	58,316	58,340	58,364	58,388	58,412	
Engine 3		58,757	58,781	58,805	58,828	58,852	58,876	58,900	58,924	58,948	58,972	58,996	59,020	59,044	59,068	59,092	
Engine 4		57,426	57,450	57,474	57,497	57,521	57,545	57,569	57,593	57,617	57,641	57,665	57,689	57,713	57,737	57,761	
Cumulative availability, %		May 1, 2013 @ 00:00 hours															
Engine 1		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Engine 2		100%	100%	99%	99%	99%	99%	99%	99%	100%	100%	100%	100%	100%	100%	100%	
Engine 3		100%	100%	99%	99%	99%	99%	99%	99%	100%	100%	100%	100%	100%	100%	100%	
Engine 4		100%	100%	99%	99%	99%	99%	99%	99%	100%	100%	100%	100%	100%	100%	100%	
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		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Engine 2		797	1,543	2,346	3,153	3,951	4,749	5,547	6,345	7,177	8,026	8,875	9,723	10,569	11,418	12,266	
Engine 3		792	1,563	2,391	3,192	3,984	4,786	5,629	6,471	7,313	8,133	8,975	9,818	10,629	11,452	12,229	
Engine 4		841	1,637	2,480	3,330	4,172	4,994	5,836	6,677	7,517	8,359	9,200	10,040	10,881	11,719	12,525	
Cumulative capacity factor, %																	
Engine 1		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Engine 2		97%	94%	95%	96%	96%	96%	96%	96%	97%	97%	98%	98%	99%	99%	99%	
Engine 3		96%	95%	97%	97%	97%	97%	97%	98%	98%	99%	99%	99%	99%	99%	99%	
Engine 4		102%	99%	100%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	

	Wednesday 5/1/2013	Thursday 5/2/2013	Friday 5/3/2013	Saturday 5/4/2013	Sunday 5/5/2013	Monday 5/6/2013	Tuesday 5/7/2013	Wednesday 5/8/2013	Thursday 5/9/2013	Friday 5/10/2013	Saturday 5/11/2013	Sunday 5/12/2013	Monday 5/13/2013	Tuesday 5/14/2013	Wednesday 5/15/2013
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	285	357	429	501	573	645	717	789	861	933	1,005	1,077
Cumulative Availability, %	75.0%	75.0%	74.0%	74.2%	74.4%	74.5%	74.6%	74.6%	74.7%	74.7%	74.7%	74.7%	74.8%	74.8%	74.8%
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	58,313	113,777	170,670	229,644	287,973	346,109	405,651	465,165	525,460	585,672	646,403	707,139	767,065	827,236	885,582
Cumulative Capacity Factor	73.6%	71.8%	71.8%	72.5%	72.7%	72.8%	73.2%	73.4%	73.7%	73.9%	74.2%	74.4%	74.5%	74.6%	74.5%
Cumulative fuel input, MMBtu HHV	721	1,429	2,126	2,856	3,583	4,293	5,019	5,752	6,485	7,219	7,953	8,678	9,399	10,125	10,840
Cumulative gross output, kWhr	58,313	113,777	170,670	229,644	287,973	346,109	405,651	465,165	525,460	585,672	646,403	707,139	767,065	827,236	885,582
Heat Rate															
Daily heat rate, Btu/kWe gross LHV	11,136	11,476	11,038	11,137	11,231	10,991	10,969	11,090	10,948	10,966	10,881	10,749	10,831	10,867	11,030
Daily heat rate, Btu/kWe gross HHV	12,371	12,749	12,262	12,371	12,476	12,209	12,185	12,320	12,162	12,182	12,088	11,940	12,032	12,072	12,253
Cumulative heat rate, Btu/kWe gross LHV	11,136	11,302	11,214	11,194	11,202	11,166	11,137	11,131	11,110	11,095	11,075	11,047	11,030	11,018	11,019
Cumulative heat rate, Btu/kWe gross HHV	12,371	12,555	12,457	12,435	12,443	12,404	12,372	12,365	12,342	12,325	12,303	12,272	12,253	12,240	12,241
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	8,705	8,777	8,846	8,918	8,990	9,062	9,134	9,206	9,278	9,350	9,422	9,494	9,566	9,638	9,710
Cumulative Availability, %	77.5%	77.5%	77.4%	77.4%	77.4%	77.4%	77.4%	77.3%	77.3%	77.3%	77.3%	77.3%	77.2%	77.2%	77.2%
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	6,720,475	6,775,939	6,832,832	6,891,806	6,950,135	7,008,271	7,067,813	7,127,327	7,187,622	7,247,834	7,308,565	7,369,301	7,429,227	7,489,398	7,547,744
Cumulative Capacity Factor	72.5%	72.5%	72.5%	72.5%	72.5%	72.5%	72.6%	72.6%	72.6%	72.6%	72.7%	72.7%	72.7%	72.7%	72.7%
Cumulative fuel input, MMBtu HHV	83,579	84,286	84,984	85,713	86,441	87,151	87,876	88,609	89,343	90,076	90,810	91,536	92,257	92,983	93,698
Cumulative gross output, kWhr	6,720,475	6,775,939	6,832,832	6,891,806	6,950,135	7,008,271	7,067,813	7,127,327	7,187,622	7,247,834	7,308,565	7,369,301	7,429,227	7,489,398	7,547,744
Cumulative heat rate, Btu/kWe gross LHV	11,195	11,198	11,196	11,196	11,196	11,194	11,192	11,192	11,190	11,188	11,185	11,182	11,179	11,176	11,175
Cumulative heat rate, Btu/kWe gross HHV	12,436	12,439	12,438	12,437	12,437	12,435	12,433	12,432	12,430	12,428	12,425	12,421	12,418	12,415	12,414
Service															
Engine 1			CNBE and District			District connects									
Engine 2			Operations meeting			4 passive wells									
Engine 3															
Engine 4															
Oil - oil and filter change															
Service - plugs, air filter, valve inspection and adjustment															
Precipitation															
NSTAR Power Reports															
Date	5/1/2013	5/2/2013	5/3/2013	5/4/2013	5/5/2013	5/6/2013	5/7/2013	5/8/2013	5/9/2013	5/10/2013	5/11/2013	5/12/2013	5/13/2013	5/14/2013	5/15/2013
Hour															
1	2,351	2,352	2,399	2,414	2,358	2,356	2,405	2,404	2,401	2,451	2,449	2,449	2,448	2,429	2,382
2	2,352	2,352	2,399	2,414	2,358	2,356	2,405	2,405	2,402	2,451	2,450	2,449	2,449	2,430	2,381
3	2,351	2,353	2,400	2,414	2,359	2,356	2,404	2,404	2,403	2,450	2,449	2,449	2,448	2,430	2,382
4	2,352	2,352	2,399	2,415	2,358	2,356	2,405	2,405	2,401	2,449	2,449	2,450	2,449	2,431	2,382
5	2,351	2,353	2,351	2,414	2,359	2,357	2,405	2,405	2,403	2,450	2,450	2,450	2,449	2,431	2,382
6	2,352	2,353	2,352	2,414	2,359	2,357	2,405	2,405	2,403	2,450	2,450	2,450	2,449	2,431	2,383
7	2,351	2,353	2,352	2,414	2,358	2,357	2,405	2,405	2,403	2,451	2,450	2,450	2,442	2,431	2,382
8	2,347	2,351	2,345	2,411	2,355	2,356	2,404	2,403	2,419	2,447	2,451	2,452	2,398	2,428	2,381
9	2,345	2,346	2,345	2,357	2,355	2,352	2,400	2,400	2,450	2,440	2,450	2,453	2,371	2,423	2,376
10	2,345	2,345	2,346	2,354	2,355	2,351	2,397	2,395	2,450	2,440	2,450	2,451	2,369	2,421	2,356
11	2,344	2,343	2,334	2,354	2,355	1,923	2,384	2,395	2,449	2,439	2,448	2,450	2,369	2,423	2,278
12	2,343	2,342	121	2,354	2,355	1,736	2,395	2,397	2,449	2,433	2,447	2,448	2,370	2,423	2,350
13	2,344	1,585	2,153	2,354	2,354	2,375	2,395	2,396	2,448	2,433	2,446	2,447	2,368	2,424	2,336
14	2,344	546	2,461	2,354	2,354	2,448	2,396	2,397	2,447	2,432	2,448	2,446	2,367	2,424	2,262
15	2,345	1,398	2,460	2,355	2,354	2,447	2,396	2,398	2,443	2,030	2,448	2,446	2,368	2,424	2,302
16	2,348	2,447	2,461	2,355	2,355	2,447	2,398	2,399	2,448	2,357	2,449	2,446	2,409	2,427	2,404
17	2,348	2,450	2,463	2,356	2,355	2,448	2,400	2,399	2,451	2,447	2,450	2,446	2,430	2,429	2,406
18	2,349	2,451	2,463	2,357	2,355	2,452	2,400	2,399	2,450	2,447	2,449	2,448	2,429	2,429	2,407
19	2,350	2,450	2,463	2,357	2,357	2,453	2,401	2,401	2,451	2,447	2,449	2,448	2,431	2,430	2,336
20	2,351	2,449	2,447	2,358	2,357	2,449	2,402	2,401	2,450	2,448	2,449	2,449	2,430	2,430	2,273
21	2,351	2,418	2,414	2,358	2,357	2,404	2,403	2,401	2,450	2,448	2,451	2,449	2,430	2,429	2,292
22	2,351	2,399	2,414	2,358	2,356	2,404	2,402	2,401	2,451	2,448	2,451	2,449	2,429	2,429	2,298
23	2,351	2,399	2,414	2,358	2,357	2,404	2,403	2,401	2,450	2,448	2,450	2,449	2,429	2,384	2,295
24	2,352	2,399	2,414	2,358	2,357	2,404	2,404	2,402	2,451	2,449	2,450	2,449	2,429	2,381	2,318
TOTAL	56,368	53,586	55,170	57,007	56,552	56,348	57,614	57,618	58,423	58,185	58,783	58,773	57,960	58,171	56,344
Cumulative Output Sold, kWhr	56,368	109,954	165,124	222,131	278,683	335,031	392,645	450,263	508,686	566,871	625,654	684,427	742,387	800,558	856,902
Transformer and line efficiency	99.8%	99.7%	99.8%	99.4%	99.7%	99.8%	99.7%	99.7%	99.8%	99.7%	99.7%	99.7%	99.8%	99.8%	99.8%
Hourly average	2,349	2,233	2,299	2,375	2,356	2,348	2,401	2,401	2,434	2,424	2,449	2,449	2,415	2,424	2,348

MAY 2013																	
CNBE Daily Reports Summary Date																	
	Thursday 5/16/2013	Friday 5/17/2013	Saturday 5/18/2013	Sunday 5/19/2013	Monday 5/20/2013	Tuesday 5/21/2013	Wednesday 5/22/2013	Thursday 5/23/2013	Friday 5/24/2013	Saturday 5/25/2013	Sunday 5/26/2013	Monday 5/27/2013	Tuesday 5/28/2013	Wednesday 5/29/2013	Thursday 5/30/2013	Friday 5/31/2013	TOTAL
Landfill Gas Flow to the Engines (K)	1,399	1,439	1,414	1,400	1,339	1,373	1,337	1,315	1,269	1,279	1,321	1,401	1,394	1,274	1,277	1,362	42,607
Landfill Gas Flow to the Engines (M)	724	745	722	724	713	710	710	727	719	727	734	747	734	683	708	731	22,399
Landfill Gas Flow to the Flare (KSCF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Flow to the Flare (MME)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Total Flow (KSCF)	1,399	1,439	1,414	1,400	1,339	1,373	1,337	1,315	1,269	1,279	1,321	1,401	1,394	1,274	1,277	1,362	42,607
Landfill Gas Total Flow (MMBTU Hr)	724	745	722	724	713	710	710	727	719	727	734	747	734	683	708	731	22,399
Average Methane Content (%)	51.1	51.2	50.5	51.1	52.6	51.1	52.4	54.6	56.0	56.2	54.9	52.7	52.0	53.0	54.8	53.0	51.9
Engine 1 Hours	-	-	-	-	6	-	-	-	-	-	-	-	-	6	24	24	60
Engine 2 Hours	23	24	23	25	24	24	24	24	24	24	24	24	24	21	24	24	739
Engine 3 Hours	23	24	24	24	17	24	24	24	24	24	24	24	24	19	-	9	691
Engine 4 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	743
Generator 1 Power Output (kWhr)	-	-	-	-	3,219	-	-	-	-	-	-	-	-	3,425	17,837	18,588	43,069
Generator 2 Power Output (kWhr)	19,825	19,626	19,151	19,688	20,357	19,211	19,471	20,357	20,385	20,372	20,369	20,367	20,365	17,575	20,360	18,217	609,288
Generator 3 Power Output (kWhr)	19,456	19,677	19,018	19,020	13,084	19,956	19,329	20,195	20,226	20,213	20,207	20,208	20,208	15,459	-	5,230	564,149
Generator 4 Power Output (kWhr)	19,995	19,578	20,182	20,184	20,114	20,165	19,841	20,169	20,195	20,186	20,183	20,185	20,180	19,908	19,787	17,083	617,689
Gross Power Output (kWhr)	59,220	58,833	58,324	58,852	56,767	59,310	58,606	60,675	60,750	60,725	60,716	60,712	60,711	56,343	58,063	59,183	1,833,372
Net Power Output (kWhr)	57,364	56,960	56,516	57,048	54,972	57,424	56,820	58,856	59,000	59,012	58,944	58,876	58,796	54,608	56,292	57,272	1,778,065
Power Sold as metered by NStar, (kWhr)	57,220	56,815	56,359	56,904	54,831	57,297	56,637	58,742	58,828	58,896	58,828	58,744	58,652	54,470	56,110	57,134	1,773,369
Offgrid RECs (kWhr)	1,856	1,872	1,809	1,804	1,794	1,887	1,785	1,819	1,750	1,713	1,772	1,836	1,915	1,735	1,771	1,911	55,305
Calculated Performance Results																	
Daily																	
Power output (kW average whe																	
Generator 1	-	-	-	-	537	-	-	-	-	-	-	-	-	571	743	775	
Generator 2	862	818	833	788	848	800	811	848	849	849	849	849	849	837	848	759	
Generator 3	846	820	792	793	770	832	805	841	843	842	842	842	842	814	-	581	
Generator 4	833	816	841	841	838	840	827	840	841	841	841	841	841	830	824	712	
Power output (kW average over																	
Facility Gross	2,468	2,451	2,430	2,452	2,365	2,471	2,442	2,528	2,531	2,530	2,530	2,530	2,530	2,348	2,419	2,466	
Facility Net	2,390	2,373	2,355	2,377	2,291	2,393	2,368	2,452	2,458	2,459	2,456	2,453	2,450	2,275	2,346	2,386	
In-plant load	77	78	75	75	75	79	74	76	73	71	74	77	80	72	74	80	
Daily availability factor																	
Facility	73%	75%	74%	76%	74%	75%	75%	75%	75%	75%	75%	75%	75%	73%	75%	84%	
Engine 1	0%	0%	0%	0%	25%	0%	0%	0%	0%	0%	0%	0%	0%	25%	100%	100%	
Engine 2	96%	100%	96%	104%	100%	100%	100%	100%	100%	100%	100%	100%	100%	88%	100%	100%	
Engine 3	96%	100%	100%	100%	71%	100%	100%	100%	100%	100%	100%	100%	100%	79%	0%	38%	
Engine 4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Daily capacity factor																	
Facility	75%	74%	74%	74%	72%	75%	74%	77%	77%	77%	77%	77%	77%	71%	73%	75%	
Engine 1	0%	0%	0%	0%	65%	0%	0%	0%	0%	0%	0%	0%	0%	69%	90%	94%	
Engine 2	104%	99%	101%	95%	103%	97%	98%	103%	103%	103%	103%	103%	103%	101%	103%	92%	
Engine 3	103%	99%	96%	96%	93%	101%	98%	102%	102%	102%	102%	102%	102%	99%	0%	70%	
Engine 4	101%	99%	102%	102%	102%	102%	100%	102%	102%	102%	102%	102%	102%	101%	100%	86%	
Cumulative by engine																	
Engine operating run hours in th																	
Max Cumulative Available, l	384	408	432	456	480	504	528	552	576	600	624	648	672	696	720	744	
Engine 1	0	0	0	0	6	6	6	6	6	6	6	6	6	12	36	30	
Engine 2	382	406	429	454	478	502	526	550	574	598	622	646	670	691	715	694	
Engine 3	382	406	430	454	471	495	519	543	567	591	615	639	663	682	682	672	
Engine 4	383	407	431	455	479	503	527	551	575	599	623	647	671	695	719	695	
Engine operating run hours tota																	
Engine 1	61,995	61,995	61,995	61,995	62,001	62,001	62,001	62,001	62,001	62,001	62,001	62,001	62,001	62,007	62,031	62,025	
Engine 2	58,459	58,483	58,506	58,531	58,555	58,579	58,603	58,627	58,651	58,675	58,699	58,723	58,747	58,768	58,792	58,771	
Engine 3	59,139	59,163	59,187	59,211	59,228	59,252	59,276	59,300	59,324	59,348	59,372	59,396	59,420	59,439	59,439	59,429	
Engine 4	57,809	57,833	57,857	57,881	57,905	57,929	57,953	57,977	58,001	58,025	58,049	58,073	58,097	58,121	58,145	58,121	
Cumulative availability, %																	
Engine 1	0%	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	2%	5%	4%	
Engine 2	99%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	99%	93%	
Engine 3	99%	100%	100%	100%	98%	98%	98%	98%	98%	99%	99%	99%	99%	98%	95%	90%	
Engine 4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	93%	
Engine cumulative gross output																	
Max cumulative capacity on	13,200	14,025	14,850	15,675	16,500	17,325	18,150	18,975	19,800	20,625	21,450	22,275	23,100	23,925	24,750	23,925	
Engine 1	-	-	-	-	537	537	537	537	537	537	537	537	537	1,107	1,851	1,311	
Engine 2	13,128	13,946	14,779	15,566	16,415	17,215	18,026	18,875	19,724	20,573	21,421	22,270	23,119	23,955	24,804	23,878	
Engine 3	13,075	13,895	14,687	15,479	16,249	17,081	17,896	18,727	19,570	20,412	21,254	22,096	22,938	23,752	23,752	23,520	
Engine 4	13,358	14,174	15,015	15,856	16,694	17,534	18,361	19,201	20,042	20,884	21,725	22,566	23,406	24,236	25,060	24,118	
Cumulative capacity factor, %																	
Engine 1	0%	0%	0%	0%	3%	3%	3%	3%	3%	3%	3%	2%	2%	5%	7%	5%	
Engine 2	99%	99%	100%	99%	99%	99%	99%	99%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 3	99%	99%	99%	99%	98%	99%	99%	99%	99%	99%	99%	99%	99%	99%	96%	98%	
Engine 4	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	

	Thursday 5/16/2013	Friday 5/17/2013	Saturday 5/18/2013	Sunday 5/19/2013	Monday 5/20/2013	Tuesday 5/21/2013	Wednesday 5/22/2013	Thursday 5/23/2013	Friday 5/24/2013	Saturday 5/25/2013	Sunday 5/26/2013	Monday 5/27/2013	Tuesday 5/28/2013	Wednesday 5/29/2013	Thursday 5/30/2013	Friday 5/31/2013	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	2,784	
Actual cumulative engine run h	1,147	1,219	1,290	1,363	1,434	1,506	1,578	1,650	1,722	1,794	1,866	1,938	2,010	2,080	2,152	2,091	
Cumulative Availability, %	74.7%	74.7%	74.7%	74.7%	74.7%	74.7%	74.7%	74.7%	74.7%	74.8%	74.8%	74.8%	74.8%	74.7%	74.7%	75.1%	
Max cumulative gross output, k	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,	944,802	1,003,635	1,061,959	1,120,811	1,177,578	1,236,888	1,295,494	1,356,169	1,416,919	1,477,644	1,538,360	1,599,072	1,659,783	1,716,126	1,774,189	1,718,966	
Cumulative Capacity Factor	74.6%	74.5%	74.5%	74.5%	74.3%	74.4%	74.4%	74.4%	74.5%	74.6%	74.7%	74.8%	74.8%	74.7%	74.7%	74.8%	
Cumulative fuel input, MMBtu H	11,564	12,309	13,031	13,755	14,469	15,179	15,889	16,615	17,334	18,062	18,796	19,543	20,276	20,960	21,668	21,007	
Cumulative gross output, kWhr	944,802	1,003,635	1,061,959	1,120,811	1,177,578	1,236,888	1,295,494	1,356,169	1,416,919	1,477,644	1,538,360	1,599,072	1,659,783	1,716,126	1,774,189	1,718,966	
Heat Rate																	
Daily heat rate, Btu/kWe gross t	11,004	11,403	11,143	11,075	11,312	10,777	10,901	10,779	10,658	10,782	10,888	11,071	10,878	10,919	10,981	11,114	
Daily heat rate, Btu/kWe gross t	12,224	12,667	12,378	12,303	12,567	11,972	12,109	11,974	11,840	11,977	12,095	12,299	12,084	12,129	12,199	12,346	
Cumulative heat rate, Btu/kWe	11,018	11,041	11,046	11,048	11,061	11,047	11,040	11,029	11,013	11,003	10,999	11,002	10,997	10,994	10,994	11,001	
Cumulative heat rate, Btu/kWe	12,240	12,265	12,271	12,273	12,287	12,272	12,264	12,251	12,234	12,223	12,218	12,221	12,216	12,213	12,213	12,221	
Cumulative by Facility starting C																	
Max cumulative available engin	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 h	9,780	9,852	9,923	9,996	10,067	10,139	10,211	10,283	10,355	10,427	10,499	10,571	10,643	10,713	10,785	10,724	
Cumulative Availability, %	77.2%	77.2%	77.1%	77.1%	77.1%	77.1%	77.1%	77.1%	77.0%	77.0%	77.0%	77.0%	77.0%	77.0%	76.9%	77.0%	
Max cumulative gross output, k	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,	7,606,964	7,665,797	7,724,121	7,782,973	7,839,740	7,899,050	7,957,656	8,018,331	8,079,081	8,139,806	8,200,522	8,261,234	8,321,945	8,378,288	8,436,351	8,381,128	
Cumulative Capacity Factor	72.8%	72.8%	72.8%	72.8%	72.8%	72.8%	72.8%	72.8%	72.9%	72.9%	72.9%	72.9%	73.0%	73.0%	73.0%	73.0%	
Cumulative fuel input, MMBtu H	94,422	95,167	95,889	96,613	97,326	98,036	98,746	99,473	100,192	100,919	101,654	102,400	103,134	103,817	104,526	103,865	
Cumulative gross output, kWhr	7,606,964	7,665,797	7,724,121	7,782,973	7,839,740	7,899,050	7,957,656	8,018,331	8,079,081	8,139,806	8,200,522	8,261,234	8,321,945	8,378,288	8,436,351	8,381,128	
Cumulative heat rate, Btu/kWe	11,174	11,175	11,175	11,174	11,175	11,173	11,170	11,168	11,164	11,161	11,159	11,158	11,156	11,155	11,153	11,156	
Cumulative heat rate, Btu/kWe	12,413	12,414	12,414	12,413	12,414	12,411	12,409	12,406	12,401	12,398	12,396	12,395	12,393	12,391	12,390	12,393	
Service																	
Engine 1						Dungs valve failure							Top end	Restart			
Engine 2														Radiator fan			
Engine 3						Turbo failure									Top end	Restart	
Engine 4																	
Oil - oil and filter change														Calif Analytical Analyzer sent out for repair.			
Service - plugs, air filter, valve inspe																	
Precipitation																	
NSTAR Power Reports																	
Date	5/16/2013	5/17/2013	5/18/2013	5/19/2013	5/20/2013	5/21/2013	5/22/2013	5/23/2013	5/24/2013	5/25/2013	5/26/2013	5/27/2013	5/28/2013	5/29/2013	5/30/2013	5/31/2013	TOTAL
Hour																	
1	2,325	2,397	2,349	2,351	2,400	2,444	2,350	2,451	2,450	2,453	2,455	2,448	2,449	2,447	2,220	2,428	
2	2,350	2,398	2,349	2,351	2,401	2,414	2,350	2,451	2,450	2,454	2,454	2,449	2,450	2,450	2,219	2,429	
3	2,358	2,399	2,350	2,351	2,401	2,396	2,351	2,451	2,451	2,454	2,454	2,448	2,450	2,449	2,219	2,429	
4	2,406	2,399	2,350	2,352	2,448	2,397	2,351	2,450	2,452	2,454	2,454	2,450	2,449	2,450	2,219	2,428	
5	2,406	2,398	2,350	2,352	2,450	2,398	2,351	2,449	2,452	2,454	2,455	2,450	2,450	2,451	2,220	2,429	
6	2,408	2,399	2,351	2,352	2,131	2,398	2,351	2,449	2,453	2,454	2,454	2,451	2,450	2,392	2,221	2,430	
7	2,407	2,398	2,351	2,351	1,627	2,398	2,352	2,450	2,453	2,454	2,454	2,450	2,450	1,930	2,220	2,429	
8	2,405	2,395	2,349	2,351	1,624	2,396	2,351	2,449	2,453	2,455	2,453	2,448	2,443	2,447	1,940	2,424	
9	2,401	2,318	2,346	2,348	1,710	2,392	2,347	2,445	2,453	2,455	2,452	2,447	2,441	2,446	2,229	1,850	
10	2,258	2,293	2,345	2,346	1,775	2,389	2,345	2,444	2,452	2,454	2,452	2,445	2,439	2,447	2,429	2,171	
11	1,777	2,293	2,345	2,346	2,204	2,389	2,125	2,445	2,453	2,453	2,451	2,445	2,439	2,446	2,432	2,277	
12	2,442	2,294	2,345	2,346	2,331	2,388	1,624	2,443	2,452	2,454	2,451	2,445	2,439	2,446	2,429	2,412	
13	2,441	2,413	2,345	2,346	2,409	2,391	2,444	2,443	2,449	2,454	2,450	2,445	2,436	2,444	2,429	2,411	
14	2,440	2,405	2,346	2,373	2,527	2,392	2,445	2,444	2,448	2,454	2,449	2,445	2,434	2,443	2,426	2,408	
15	2,439	2,392	2,347	2,396	2,389	2,391	2,448	2,443	2,447	2,454	2,450	2,445	2,436	2,443	2,427	2,411	
16	2,440	2,392	2,347	2,397	2,444	2,392	2,449	2,446	2,451	2,454	2,450	2,446	2,440	2,351	2,429	2,458	
17	2,443	2,393	2,348	2,397	2,444	2,393	2,449	2,447	2,451	2,455	2,449	2,446	2,439	1,615	2,425	2,515	
18	2,443	2,354	2,348	2,399	2,445	2,395	2,449	2,448	2,450	2,454	2,449	2,447	2,439	1,628	2,413	2,431	
19	2,444	2,347	2,349	2,400	2,445	2,394	2,451	2,449	2,451	2,454	2,449	2,448	2,446	1,882	2,426	2,432	
20	2,445	2,347	2,349	2,400	2,445	2,351	2,451	2,448	2,451	2,454	2,449	2,448	2,447	1,998	2,427	2,432	
21	2,445	2,347	2,349	2,400	2,446	2,349	2,451	2,449	2,451	2,454	2,449	2,450	2,446	2,214	2,428	2,433	
22	2,444	2,348	2,350	2,399	2,445	2,350	2,451	2,449	2,451	2,454	2,449	2,450	2,447	2,217	2,428	2,393	
23	2,444	2,348	2,350	2,400	2,445	2,350	2,451	2,449	2,452	2,453	2,448	2,449	2,447	2,217	2,427	2,337	
24	2,409	2,348	2,351	2,400	2,445	2,350	2,450	2,450	2,452	2,454	2,448	2,449	2,446	2,217	2,428	2,337	
TOTAL	57,220	56,815	56,359	56,904	54,831	57,297	56,637	58,742	58,828	58,896	58,828	58,744	58,652	54,470	56,110	57,134	
Cumulative Output Sold, kW	914,122	970,937	1,027,296	1,084,200	1,139,031	1,196,328	1,252,965	1,311,707	1,370,535	1,429,431	1,488,259	1,547,003	1,605,655	1,660,125	1,716,235	1,773,369	
Transformer and line efficienc	99.7%	99.7%	99.7%	99.7%	99.7%	99.8%	99.7%	99.8%	99.7%	99.8%	99.8%	99.8%	99.8%	99.7%	99.7%	99.8%	0.0%
Hourly average	2,384	2,367	2,348	2,371	2,285	2,387	2,360	2,448	2,451	2,454	2,451	2,448	2,444	2,270	2,338	2,381	2,384

JUNE 2013																	
CNBE Daily Reports Summary Data																	
		Saturday 6/1/2013	Sunday 6/2/2013	Monday 6/3/2013	Tuesday 6/4/2013	Wednesday 6/5/2013	Thursday 6/6/2013	Friday 6/7/2013	Saturday 6/8/2013	Sunday 6/9/2013	Monday 6/10/2013	Tuesday 6/11/2013	Wednesday 6/12/2013	Thursday 6/13/2013	Friday 6/14/2013	Saturday 6/15/2013	
Landfill Gas Flow to the Engines (KSCF)		1,386	1,319	1,287	1,287	1,355	1,334	1,307	1,302	1,300	1,300	1,207	1,277	1,283	1,261	1,302	
Landfill Gas Flow to the Engines (MMBTU HHV)		756	726	722	716	729	730	729	733	732	722	709	736	732	733	709	
Landfill Gas Flow to the Flare (KSCF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Flow to the Flare (MMBTU HHV)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Total Flow (KSCF)		1,386	1,319	1,287	1,287	1,355	1,334	1,307	1,302	1,300	1,300	1,207	1,277	1,283	1,261	1,302	
Landfill Gas Total Flow (MMBTU HHV)		756	726	722	716	729	730	729	733	732	722	709	736	732	733	709	
Average Methane Content (%)		53.9	54.4	55.5	55.0	53.2	54.1	55.1	55.6	55.6	54.8	58.0	56.9	56.4	57.4	53.8	
Engine 1 Hours		24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
Engine 2 Hours		11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Engine 3 Hours		24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
Engine 4 Hours		23	24	24	24	24	24	24	24	24	24	23	25	24	24	24	
Generator 1 Power Output (kWhr)		18,379	20,112	20,115	20,115	20,111	20,121	20,112	20,128	20,107	18,988	20,098	20,129	19,803	20,112	19,195	
Generator 2 Power Output (kWhr)		6,806	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Generator 3 Power Output (kWhr)		18,463	19,971	19,963	19,963	19,954	19,961	19,962	19,968	19,947	19,959	19,941	19,970	19,953	19,969	19,956	
Generator 4 Power Output (kWhr)		15,800	20,180	20,164	20,164	20,324	19,575	20,156	20,183	20,162	20,176	20,135	20,161	20,149	20,190	20,184	
Gross Power Output (kWhr)		59,472	60,260	60,209	60,209	59,184	59,560	60,174	60,255	60,193	59,065	60,068	60,181	59,827	60,226	59,289	
Net Power Output (kWhr)		57,556	58,408	58,432	58,432	57,512	57,760	58,440	58,552	58,492	57,056	58,200	58,260	57,932	58,356	57,400	
Power Sold as metered by NStar, (kWhr)		57,349	58,248	58,265	58,284	57,337	57,591	58,236	58,332	58,272	57,042	58,049	58,008	57,728	58,202	57,198	
Offgrid RECs (kWhr)		1,915	1,851	1,777	1,778	1,672	1,800	1,734	1,703	1,701	2,009	1,869	1,920	1,896	1,870	1,889	
Calculated Performance Results																	
Daily																	
Power output (kW average when running)																	
Generator 1		766	838	838	838	838	838	838	839	838	791	837	839	825	838	800	
Generator 2		619	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Generator 3		769	832	832	832	831	832	832	832	831	832	831	832	831	832	832	
Generator 4		687	841	840	840	805	816	840	841	840	841	875	806	840	841	841	
Power output (kW average over 24-hrs)																	
Facility Gross		2,478	2,511	2,509	2,509	2,466	2,482	2,507	2,511	2,508	2,461	2,503	2,508	2,493	2,509	2,470	
Facility Net		2,398	2,434	2,435	2,435	2,396	2,407	2,435	2,440	2,437	2,377	2,425	2,428	2,414	2,432	2,392	
In-plant load		80	77	74	74	70	75	72	71	71	84	78	80	79	78	79	
Daily availability factor																	
Facility		85%	75%	75%	75%	75%	75%	75%	75%	75%	75%	74%	76%	75%	75%	75%	
Engine 1		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 2		46%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Engine 3		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 4		96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	104%	100%	100%	100%	
Daily capacity factor																	
Facility		75%	76%	76%	76%	75%	75%	76%	76%	76%	75%	76%	76%	76%	76%	75%	
Engine 1		93%	102%	102%	102%	102%	102%	102%	102%	102%	96%	102%	102%	100%	102%	97%	
Engine 2		75%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Engine 3		93%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	
Engine 4		83%	102%	102%	102%	98%	99%	102%	102%	102%	102%	106%	98%	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	264	288	312	336	360	
Engine 2		11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
Engine 3		24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	
Engine 4		23	47	71	95	119	143	167	191	215	239	262	287	311	335	359	
Engine operating run hours total from 0 hours																	
Engine 1		62,031	62,055	62,079	62,103	62,127	62,151	62,175	62,199	62,223	62,247	62,271	62,295	62,319	62,343	62,367	62,391
Engine 2		58,792	58,803	58,803	58,803	58,803	58,803	58,803	58,803	58,803	58,803	58,803	58,803	58,803	58,803	58,803	58,803
Engine 3		59,439	59,463	59,487	59,511	59,535	59,559	59,583	59,607	59,631	59,655	59,679	59,703	59,727	59,751	59,775	59,799
Engine 4		58,145	58,168	58,192	58,216	58,240	58,264	58,288	58,312	58,336	58,360	58,384	58,407	58,432	58,456	58,480	58,504
Cumulative availability, % June 1, 2013 @ 00:00 hours																	
Engine 1		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 2		46%	23%	15%	11%	9%	8%	7%	6%	5%	5%	4%	4%	4%	3%	3%	
Engine 3		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 4		96%	98%	99%	99%	99%	99%	99%	99%	100%	100%	99%	100%	100%	100%	100%	100%
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		766	1,604	2,442	3,280	4,118	4,956	5,794	6,633	7,471	8,262	9,099	9,938	10,763	11,601	12,401	
Engine 2		619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	
Engine 3		769	1,601	2,433	3,265	4,096	4,928	5,760	6,592	7,423	8,255	9,086	9,918	10,749	11,581	12,413	
Engine 4		687	1,528	2,368	3,208	4,013	4,829	5,669	6,510	7,350	8,190	9,066	9,872	10,712	11,553	12,394	
Cumulative capacity factor, %																	
Engine 1		93%	97%	99%	99%	100%	100%	100%	101%	101%	100%	100%	100%	100%	100%	100%	100%
Engine 2		75%	37%	25%	19%	15%	12%	11%	9%	8%	7%	7%	6%	6%	5%	5%	
Engine 3		93%	97%	98%	99%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 4		83%	93%	96%	97%	97%	98%	98%	99%	99%	99%	100%	100%	100%	100%	100%	100%

		Saturday 6/1/2013	Sunday 6/2/2013	Monday 6/3/2013	Tuesday 6/4/2013	Wednesday 6/5/2013	Thursday 6/6/2013	Friday 6/7/2013	Saturday 6/8/2013	Sunday 6/9/2013	Monday 6/10/2013	Tuesday 6/11/2013	Wednesday 6/12/2013	Thursday 6/13/2013	Friday 6/14/2013	Saturday 6/15/2013
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		82	154	226	298	370	442	514	586	658	730	801	874	946	1,018	1,090
Cumulative Availability, %		85.4%	80.2%	78.5%	77.6%	77.1%	76.7%	76.5%	76.3%	76.2%	76.0%	75.9%	75.9%	75.8%	75.7%	75.7%
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		59,472	119,732	179,941	240,150	299,334	358,894	419,068	479,323	539,516	598,581	658,649	718,830	778,657	838,883	898,172
Cumulative Capacity Factor		75.1%	75.6%	75.7%	75.8%	75.6%	75.5%	75.6%	75.3%	75.7%	75.6%	75.6%	75.6%	75.6%	75.7%	75.6%
Cumulative fuel input, MMBtu HHV		756	1,483	2,205	2,921	3,651	4,381	5,110	5,843	6,575	7,297	8,005	8,741	9,473	10,206	10,915
Cumulative gross output, kWhr		59,472	119,732	179,941	240,150	299,334	358,894	419,068	479,323	539,516	598,581	658,649	718,830	778,657	838,883	898,172
Heat Rate																
Daily heat rate, Btu/kWe gross LHV		11,450	10,850	10,800	10,708	11,095	11,040	10,900	10,950	10,950	11,000	10,620	11,005	11,020	10,950	10,768
Daily heat rate, Btu/kWe gross HHV		12,719	12,053	11,997	11,895	12,325	12,264	12,109	12,164	12,164	12,220	11,797	12,225	12,242	12,164	11,962
Cumulative heat rate, Btu/kWe gross LHV		11,450	11,148	11,032	10,950	10,979	10,989	10,976	10,973	10,970	10,973	10,941	10,946	10,952	10,952	10,940
Cumulative heat rate, Btu/kWe gross HHV		12,719	12,384	12,255	12,164	12,196	12,207	12,193	12,190	12,187	12,190	12,154	12,160	12,166	12,166	12,153
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		10,806	10,878	10,950	11,022	11,094	11,166	11,238	11,310	11,382	11,454	11,525	11,598	11,670	11,742	11,814
Cumulative Availability, %		77.1%	77.1%	77.1%	77.1%	77.0%	77.0%	77.0%	77.0%	77.0%	77.0%	77.0%	77.0%	76.9%	76.9%	76.9%
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		8,440,600	8,500,860	8,561,069	8,621,278	8,680,462	8,740,022	8,800,196	8,860,451	8,920,644	8,979,709	9,039,777	9,099,958	9,159,785	9,220,011	9,279,300
Cumulative Capacity Factor		73.0%	73.0%	73.0%	73.1%	73.1%	73.1%	73.1%	73.1%	73.1%	73.1%	73.2%	73.2%	73.2%	73.2%	73.2%
Cumulative fuel input, MMBtu HHV		104,621	105,347	106,070	106,786	107,515	108,246	108,974	109,707	110,440	111,161	111,870	112,606	113,338	114,071	114,780
Cumulative gross output, kWhr		8,440,600	8,500,860	8,561,069	8,621,278	8,680,462	8,740,022	8,800,196	8,860,451	8,920,644	8,979,709	9,039,777	9,099,958	9,159,785	9,220,011	9,279,300
Cumulative heat rate, Btu/kWe gross LHV		11,158	11,156	11,153	11,150	11,150	11,149	11,147	11,146	11,145	11,144	11,140	11,139	11,139	11,137	11,135
Cumulative heat rate, Btu/kWe gross HHV		12,395	12,393	12,390	12,386	12,386	12,385	12,383	12,382	12,380	12,379	12,375	12,374	12,373	12,372	12,369
Service																
Engine 1																
Engine 2												CNBE Ops meeting				
Engine 3																
Engine 4																
Oil - oil and filter change																
Service - plugs, air filter, valve inspection and adjustment																
Precipitation																
NSTAR Power Reports																
Date		Saturday 6/1/2013	Sunday 6/2/2013	Monday 6/3/2013	Tuesday 6/4/2013	Wednesday 6/5/2013	Thursday 6/6/2013	Friday 6/7/2013	Saturday 6/8/2013	Sunday 6/9/2013	Monday 6/10/2013	Tuesday 6/11/2013	Wednesday 6/12/2013	Thursday 6/13/2013	Friday 6/14/2013	Saturday 6/15/2013
Hour																
1		2,337	2,427	2,428	2,427	2,432	2,382	2,426	2,431	2,430	2,387	2,421	2,426	2,417	2,430	2,422
2		2,337	2,428	2,429	2,426	2,431	2,379	2,426	2,432	2,431	2,378	2,425	2,427	2,417	2,430	2,421
3		2,337	2,428	2,429	2,426	2,437	2,375	2,427	2,432	2,431	2,380	2,425	2,426	2,417	2,429	2,428
4		2,338	2,428	2,430	2,428	2,439	2,380	2,427	2,433	2,431	2,381	2,425	2,426	2,417	2,429	2,429
5		2,337	2,428	2,430	2,428	2,440	2,380	2,427	2,433	2,432	2,382	2,424	2,425	2,417	2,430	2,429
6		2,338	2,428	2,431	2,430	2,439	2,378	2,427	2,434	2,432	2,382	2,421	2,421	2,418	2,430	2,392
7		2,338	2,428	2,431	2,428	2,435	2,375	2,428	2,434	2,431	2,380	2,421	2,421	2,417	2,430	2,380
8		2,336	2,428	2,432	2,425	2,384	2,369	2,427	2,435	2,429	2,375	2,419	2,418	2,367	2,429	2,378
9		2,384	2,427	2,424	2,422	2,367	2,372	2,424	2,435	2,428	2,372	2,414	2,416	2,363	2,426	2,377
10		2,426	2,426	2,426	2,423	2,365	2,368	2,423	2,433	2,427	2,373	2,417	2,415	2,365	2,426	2,375
11		2,317	2,425	2,426	2,429	2,363	2,369	2,422	2,431	2,427	2,373	2,416	2,414	2,365	2,422	2,368
12		2,421	2,425	2,422	2,428	2,364	2,379	2,422	2,430	2,426	2,373	2,413	2,413	2,369	2,421	2,367
13		2,422	2,425	2,426	2,428	2,364	2,418	2,422	2,429	2,426	2,373	2,412	2,410	2,370	2,422	2,366
14		2,423	2,425	2,428	2,427	2,364	2,416	2,423	2,428	2,426	2,373	2,412	2,410	2,401	2,421	2,366
15		2,423	2,425	2,427	2,427	2,367	2,425	2,425	2,428	2,426	2,369	2,412	2,410	2,418	2,421	2,367
16		2,424	2,426	2,428	2,430	2,368	2,426	2,425	2,428	2,426	2,373	2,413	2,409	2,419	2,422	2,367
17		2,425	2,426	2,428	2,431	2,371	2,427	2,429	2,427	2,427	2,374	2,415	2,412	2,421	2,425	2,368
18		2,426	2,428	2,428	2,431	2,371	2,428	2,429	2,428	2,427	2,375	2,416	2,415	2,421	2,425	2,368
19		2,426	2,427	2,429	2,432	2,372	2,428	2,429	2,428	2,426	2,375	2,417	2,416	2,422	2,425	2,370
20		2,427	2,428	2,429	2,432	2,372	2,427	2,429	2,428	2,428	2,375	2,421	2,416	2,421	2,425	2,371
21		2,426	2,428	2,426	2,432	2,372	2,416	2,431	2,428	2,426	2,369	2,416	2,416	2,421	2,421	2,372
22		2,427	2,428	2,426	2,431	2,372	2,420	2,429	2,428	2,425	2,368	2,423	2,415	2,421	2,421	2,372
23		2,427	2,428	2,425	2,432	2,373	2,426	2,430	2,429	2,427	2,371	2,425	2,415	2,420	2,421	2,372
24		2,427	2,428	2,427	2,431	2,375	2,428	2,429	2,430	2,427	2,411	2,426	2,416	2,424	2,421	2,373
TOTAL		57,349	58,248	58,265	58,284	57,337	57,591	58,236	58,332	58,272	57,042	58,049	58,008	57,728	58,202	57,198
Cumulative Output Sold, kWhr		57,349	115,597	173,862	232,146	289,483	347,074	405,310	463,642	521,914	578,956	637,005	695,013	752,741	810,943	868,141
Transformer and line efficiency		99.6%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.6%	99.6%	100.0%	99.7%	99.6%	99.6%	99.7%	99.6%
Hourly average		2,390	2,427	2,428	2,429	2,389	2,400	2,427	2,431	2,428	2,377	2,419	2,417	2,405	2,425	2,383

JUNE 2013 CNBE Daily Reports Summary Data																	
	Sunday 6/16/2013	Monday 6/17/2013	Tuesday 6/18/2013	Wednesday 6/19/2013	Thursday 6/20/2013	Friday 6/21/2013	Saturday 6/22/2013	Sunday 6/23/2013	Monday 6/24/2013	Tuesday 6/25/2013	Wednesday 6/26/2013	Thursday 6/27/2013	Friday 6/28/2013	Saturday 6/29/2013	Sunday 6/30/2013	TOTAL	
Landfill Gas Flow to the Engines (K	1,301	1,324	1,250	1,307	1,323	1,341	1,329	1,341	1,299	1,302	1,311	1,298	1,261	1,266	1,311	39,070	
Landfill Gas Flow to the Engines (M	711	711	682	707	707	717	713	719	702	708	706	706	699	694	703	21,498	
Landfill Gas Flow to the Flare (KSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Flow to the Flare (MME	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Total Flow (KSCF)	1,301	1,324	1,250	1,307	1,323	1,341	1,329	1,341	1,299	1,302	1,311	1,298	1,261	1,266	1,311	39,070	
Landfill Gas Total Flow (MMBTU H	711	711	682	707	707	717	713	719	702	708	706	706	699	694	703	21,498	
Average Methane Content (%)	54.0	53.0	53.9	53.4	52.8	52.8	53.0	53.0	53.4	53.7	53.2	53.7	54.8	54.1	53.0	54.4	
Engine 1 Hours	24	24	23	24	24	24	24	24	24	24	24	24	24	24	24	719	
Engine 2 Hours	-	-	10	24	24	24	24	24	24	24	24	24	24	24	24	309	
Engine 3 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	720	
Engine 4 Hours	24	24	13	-	-	-	-	-	-	-	-	-	-	-	-	420	
Generator 1 Power Output (kWhr)	19,700	19,262	17,634	19,819	19,926	20,099	20,097	20,097	19,778	19,749	19,849	19,853	20,009	20,098	20,096	593,691	
Generator 2 Power Output (kWhr)	-	-	8,359	20,110	20,261	20,355	20,355	20,356	20,029	20,006	20,120	20,113	20,263	20,354	20,353	257,840	
Generator 3 Power Output (kWhr)	19,954	19,943	18,987	19,967	20,117	20,210	20,208	20,209	19,898	19,872	19,973	19,970	20,114	20,202	20,200	597,724	
Generator 4 Power Output (kWhr)	20,188	20,158	11,184	-	-	-	-	-	-	-	-	-	-	-	-	348,233	
Gross Power Output (kWhr)	59,800	59,315	56,185	59,932	60,362	60,713	60,750	60,778	59,799	59,716	60,024	59,986	60,435	60,716	60,716	1,797,399	
Net Power Output (kWhr)	57,900	57,328	54,328	58,068	58,488	58,808	58,872	58,868	57,864	57,796	58,068	58,096	58,504	58,740	58,688	1,741,204	
Power Sold as metered by NStar, (t	57,703	57,180	54,174	57,936	58,354	58,704	58,756	58,749	57,736	57,653	57,936	58,004	58,356	58,544	58,488	1,736,414	
Offgrid RECs (kWhr)	1,900	1,989	1,857	1,863	1,875	1,904	1,878	1,910	1,935	1,920	1,956	1,890	1,931	1,976	2,028	56,196	
Calculated Performance Results																	
Daily																	
Power output (kW average whe																	
Generator 1	821	803	767	826	830	837	837	837	824	823	827	827	834	837	837		
Generator 2	-	-	836	838	844	848	848	848	835	834	838	838	844	848	848		
Generator 3	831	831	791	832	838	842	842	842	829	828	832	832	838	842	842		
Generator 4	841	840	860	-	-	-	-	-	-	-	-	-	-	-	-		
Power output (kW average over																	
Facility Gross	2,492	2,471	2,341	2,497	2,515	2,530	2,531	2,532	2,492	2,488	2,501	2,499	2,518	2,530	2,530		
Facility Net	2,413	2,389	2,264	2,420	2,437	2,450	2,453	2,453	2,411	2,408	2,420	2,421	2,438	2,448	2,445		
In-plant load	79	83	77	78	78	79	78	80	81	80	82	79	80	82	85		
Daily availability factor																	
Facility	75%	75%	73%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%		
Engine 1	100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
Engine 2	0%	0%	42%	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%	54%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Daily capacity factor																	
Facility	76%	75%	71%	76%	76%	77%	77%	77%	76%	75%	76%	76%	76%	77%	77%		
Engine 1	99%	97%	93%	100%	101%	102%	102%	102%	100%	100%	100%	100%	101%	102%	101%		
Engine 2	0%	0%	101%	102%	102%	103%	103%	103%	101%	101%	102%	102%	102%	103%	103%		
Engine 3	101%	101%	96%	101%	102%	102%	102%	102%	100%	100%	101%	101%	102%	102%	102%		
Engine 4	102%	102%	104%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Cumulative by engine																	
Engine operating run hours in t																	
Max Cumulative Available, l	384	408	432	456	480	504	528	552	576	600	624	648	672	696	720		
Engine 1	384	408	431	455	479	503	527	551	575	599	623	647	671	695	719		
Engine 2	11	11	21	45	69	93	117	141	165	189	213	237	261	285	309		
Engine 3	384	408	432	456	480	504	528	552	576	600	624	648	672	696	720		
Engine 4	383	407	420	420	420	420	420	420	420	420	420	420	420	420	420		
Engine operating run hours tota																	
Engine 1	62,415	62,439	62,462	62,486	62,510	62,534	62,558	62,582	62,606	62,630	62,654	62,678	62,702	62,726	62,750		
Engine 2	58,803	58,803	58,813	58,837	58,861	58,885	58,909	58,933	58,957	58,981	59,005	59,029	59,053	59,077	59,101		
Engine 3	59,823	59,847	59,871	59,895	59,919	59,943	59,967	59,991	60,015	60,039	60,063	60,087	60,111	60,135	60,159		
Engine 4	58,528	58,552	58,565	58,565	58,565	58,565	58,565	58,565	58,565	58,565	58,565	58,565	58,565	58,565	58,565		
Cumulative availability, %																	
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
Engine 2	3%	3%	5%	10%	14%	18%	22%	26%	29%	32%	34%	37%	39%	41%	43%		
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
Engine 4	100%	100%	97%	92%	88%	83%	80%	76%	73%	70%	67%	65%	63%	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		
Engine 1	13,222	14,024	14,791	15,617	16,447	17,285	18,122	18,959	19,783	20,606	21,433	22,261	23,094	23,932	24,769		
Engine 2	619	619	1,455	2,293	3,137	3,985	4,833	5,681	6,516	7,349	8,188	9,026	9,870	10,718	11,566		
Engine 3	13,244	14,075	14,866	15,698	16,536	17,378	18,220	19,062	19,891	20,719	21,552	22,384	23,222	24,064	24,905		
Engine 4	13,235	14,075	14,936	14,936	14,936	14,936	14,936	14,936	14,936	14,936	14,936	14,936	14,936	14,936	14,936		
Cumulative capacity factor, %																	
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
Engine 2	5%	4%	10%	15%	19%	23%	27%	30%	33%	36%	38%	41%	43%	45%	47%		
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	101%	101%	101%		
Engine 4	100%	100%	101%	95%	91%	86%	82%	79%	75%	72%	70%	67%	65%	62%	60%		

	Sunday 6/16/2013	Monday 6/17/2013	Tuesday 6/18/2013	Wednesday 6/19/2013	Thursday 6/20/2013	Friday 6/21/2013	Saturday 6/22/2013	Sunday 6/23/2013	Monday 6/24/2013	Tuesday 6/25/2013	Wednesday 6/26/2013	Thursday 6/27/2013	Friday 6/28/2013	Saturday 6/29/2013	Sunday 6/30/2013	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	1,162	1,234	1,304	1,376	1,448	1,520	1,592	1,664	1,736	1,808	1,880	1,952	2,024	2,096	2,168	
Cumulative Availability, %	75.7%	75.6%	75.5%	75.4%	75.4%	75.4%	75.4%	75.4%	75.3%	75.3%	75.3%	75.3%	75.3%	75.3%	75.3%	
Max cumulative gross output, k	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,	957,972	1,017,287	1,073,472	1,133,404	1,193,766	1,254,479	1,315,229	1,376,007	1,435,806	1,495,522	1,555,546	1,615,532	1,675,967	1,736,683	1,797,399	
Cumulative Capacity Factor	75.6%	75.6%	75.3%	75.3%	75.4%	75.4%	75.5%	75.5%	75.5%	75.5%	75.5%	75.5%	75.6%	75.6%	75.6%	
Cumulative fuel input, MMBtu H	11,626	12,337	13,019	13,725	14,433	15,149	15,862	16,581	17,283	17,991	18,697	19,403	20,102	20,795	21,498	
Cumulative gross output, kWhr	957,972	1,017,287	1,073,472	1,133,404	1,193,766	1,254,479	1,315,229	1,376,007	1,435,806	1,495,522	1,555,546	1,615,532	1,675,967	1,736,683	1,797,399	
Heat Rate																
Daily heat rate, Btu/kWe gross l	10,706	10,783	10,924	10,613	10,547	10,627	10,558	10,649	10,568	10,673	10,590	10,590	10,415	10,282	10,426	
Daily heat rate, Btu/kWe gross l	11,893	11,978	12,135	11,790	11,716	11,805	11,728	11,830	11,739	11,856	11,764	11,764	11,569	11,422	11,582	
Cumulative heat rate, Btu/kWe	10,925	10,917	10,917	10,901	10,883	10,871	10,856	10,847	10,836	10,829	10,820	10,811	10,797	10,779	10,767	
Cumulative heat rate, Btu/kWe	12,136	12,127	12,128	12,110	12,090	12,076	12,060	12,050	12,037	12,030	12,019	12,010	11,994	11,974	11,961	
Cumulative by Facility starting C																
Max cumulative available engin	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 h	11,886	11,958	12,028	12,100	12,172	12,244	12,316	12,388	12,460	12,532	12,604	12,676	12,748	12,820	12,892	
Cumulative Availability, %	76.9%	76.9%	76.9%	76.9%	76.8%	76.8%	76.8%	76.8%	76.8%	76.8%	76.8%	76.8%	76.8%	76.7%	76.7%	
Max cumulative gross output, k	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,	9,339,100	9,398,415	9,454,600	9,514,532	9,574,894	9,635,607	9,696,357	9,757,135	9,816,934	9,876,650	9,936,674	9,996,660	10,057,095	10,117,811	10,178,527	
Cumulative Capacity Factor	73.2%	73.3%	73.2%	73.3%	73.3%	73.3%	73.3%	73.3%	73.3%	73.4%	73.4%	73.4%	73.4%	73.4%	73.4%	
Cumulative fuel input, MMBtu H	115,491	116,202	116,883	117,590	118,297	119,014	119,726	120,445	121,147	121,855	122,561	123,267	123,966	124,660	125,363	
Cumulative gross output, kWhr	9,339,100	9,398,415	9,454,600	9,514,532	9,574,894	9,635,607	9,696,357	9,757,135	9,816,934	9,876,650	9,936,674	9,996,660	10,057,095	10,117,811	10,178,527	
Cumulative heat rate, Btu/kWe	11,132	11,130	11,129	11,126	11,122	11,119	11,115	11,112	11,109	11,106	11,103	11,100	11,096	11,091	11,087	
Cumulative heat rate, Btu/kWe	12,366	12,364	12,363	12,359	12,355	12,351	12,348	12,344	12,341	12,338	12,334	12,331	12,326	12,321	12,316	
Service																
Engine 1																
Engine 2			District work on LFCS													
Engine 3																
Engine 4																
Oil - oil and filter change																
Service - plugs, air filter, valve insp																
Precipitation																
NSTAR Power Reports																
Date	6/16/2013	6/17/2013	6/18/2013	6/19/2013	6/20/2013	6/21/2013	6/22/2013	6/23/2013	6/24/2013	6/25/2013	6/26/2013	6/27/2013	6/28/2013	6/29/2013	6/30/2013	TOTAL
Hour																
1	2,373	2,422	2,372	2,420	2,421	2,447	2,448	2,450	2,447	2,388	2,416	2,416	2,419	2,440	2,437	
2	2,373	2,426	2,372	2,420	2,421	2,447	2,449	2,449	2,448	2,388	2,416	2,416	2,419	2,441	2,437	
3	2,374	2,426	2,373	2,419	2,419	2,450	2,449	2,449	2,447	2,388	2,415	2,417	2,420	2,441	2,437	
4	2,374	2,426	2,375	2,420	2,423	2,451	2,449	2,449	2,448	2,388	2,414	2,416	2,418	2,441	2,437	
5	2,374	2,424	2,374	2,420	2,423	2,450	2,449	2,450	2,447	2,388	2,416	2,417	2,418	2,441	2,438	
6	2,379	2,422	2,377	2,420	2,424	2,451	2,450	2,450	2,447	2,389	2,417	2,417	2,418	2,441	2,437	
7	2,377	2,414	2,377	2,420	2,423	2,450	2,450	2,451	2,448	2,388	2,418	2,418	2,418	2,441	2,438	
8	2,376	2,370	2,376	2,397	2,419	2,443	2,448	2,449	2,447	2,388	2,418	2,416	2,419	2,441	2,437	
9	2,401	2,365	2,367	2,393	2,339	2,440	2,445	2,447	2,394	2,386	2,413	2,413	2,421	2,440	2,437	
10	2,420	2,364	2,363	2,408	2,442	2,437	2,448	2,446	2,383	2,381	2,411	2,414	2,440	2,440	2,437	
11	2,419	2,363	2,361	2,407	2,440	2,441	2,447	2,445	2,382	2,399	2,410	2,414	2,437	2,440	2,437	
12	2,418	2,364	2,361	2,406	2,440	2,442	2,446	2,446	2,381	2,409	2,410	2,413	2,437	2,440	2,437	
13	2,418	2,364	2,359	2,405	2,439	2,443	2,446	2,445	2,381	2,410	2,408	2,417	2,437	2,439	2,437	
14	2,419	2,364	525	2,405	2,439	2,442	2,446	2,445	2,379	2,409	2,409	2,418	2,437	2,438	2,436	
15	2,419	2,363	1,290	2,407	2,440	2,442	2,447	2,446	2,380	2,409	2,408	2,418	2,436	2,437	2,437	
16	2,420	2,368	2,198	2,414	2,440	2,447	2,447	2,447	2,384	2,411	2,410	2,418	2,438	2,438	2,436	
17	2,422	2,367	2,418	2,418	2,444	2,448	2,447	2,447	2,384	2,415	2,416	2,418	2,440	2,438	2,437	
18	2,421	2,365	2,419	2,418	2,444	2,449	2,449	2,449	2,385	2,417	2,415	2,418	2,442	2,438	2,437	
19	2,422	2,366	2,419	2,420	2,445	2,449	2,449	2,449	2,386	2,418	2,415	2,418	2,441	2,439	2,437	
20	2,421	2,365	2,420	2,421	2,445	2,446	2,449	2,449	2,387	2,418	2,417	2,418	2,441	2,439	2,437	
21	2,422	2,365	2,419	2,420	2,446	2,446	2,450	2,449	2,388	2,418	2,417	2,418	2,440	2,438	2,438	
22	2,421	2,365	2,419	2,418	2,446	2,447	2,450	2,448	2,388	2,416	2,416	2,419	2,440	2,438	2,437	
23	2,422	2,370	2,420	2,419	2,446	2,448	2,449	2,447	2,387	2,416	2,416	2,418	2,440	2,438	2,437	
24	2,418	2,372	2,420	2,421	2,446	2,448	2,449	2,447	2,388	2,416	2,415	2,419	2,440	2,437	2,436	
TOTAL	57,703	57,180	54,174	57,936	58,354	58,704	58,756	58,749	57,736	57,653	57,936	58,004	58,356	58,544	58,488	
Cumulative Output Sold, kW	925,844	983,024	1,037,198	1,095,134	1,153,488	1,212,192	1,270,948	1,329,697	1,387,433	1,445,086	1,503,022	1,561,026	1,619,382	1,677,926	1,736,414	
Transformer and line efficien	99.7%	99.7%	99.7%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.7%	99.7%	99.7%	0.0%
Hourly average	2,404	2,383	2,257	2,414	2,431	2,446	2,448	2,448	2,406	2,402	2,414	2,417	2,432	2,439	2,437	2,412

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.

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	840	845	700	680	650	720	830	-	800	-	-	800
			Engine 2, kW	-	845	690	685	700	630	830	850	-	800	795	-
			Engine 3, kW	840	845	690	620	650	727	-	840	810	800	795	820
			Engine 4, kW	830	250	650	640	650	680	830	830	820	780	845	810
			Gross, kW	2,510	2,785	2,730	2,625	2,650	2,757	2,490	2,520	2,430	2,380	2,435	2,430
MEASURING INSTRUMENT:			Pitot Tube:	166	166	166	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	Dwyer Mark II	Dwyer Mark II	Dwyer Mark II
DATE OF MEASUREMENT:				3-Jul-12	1-Aug-12	28-Sep-12	24-Oct-12	9-Nov-12	14-Dec-12	7-Jan-13	4-Feb-13	11-Mar-13	2-Apr-13	2-May-13	10-Jun-13
TIME OF MEASUREMENT:				11:00	14:00	13:50	12:10	12:20	13:00	12:00	11:30	12:00	9:00	10:30	11:30
PARAMETERS			UNITS	VALUES	VALUES	VALUES	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	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	0.5922	0.5922	0.5922
Flow Calculation															
			Kp pitot tube constant	ft/sec((lb/lb-mole)(in. Hg)/(R)(in H20)) ^{1/2}	85.49	85.49	85.49	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	1.00	1.00
			dP Average velocity pressure of stack gas	in H2O	0.204	0.264	0.264	0.271	0.271	0.272	0.214	0.208	0.186	0.194	0.200
Blower Inlet															
			Ts Stack temperature	Degrees Fahrenheit	79	80.6	76.5	71.8	66	61	60	56	58	60	63
				Degrees Rankine	539	540.6	536.5	531.8	526	521	520	516	518	520	523
			Pg Stack static pressure	inch H2O	-55	-62	-59	-59	-55	-59.5	-59	-59	-60	-60	-62
				inch Hg	(4.05)	(4.56)	(4.34)	(4.34)	(4.05)	(4.38)	(4.34)	(4.34)	(4.41)	(4.41)	(4.56)
			Ps Absolute stack gas pressure	inch Hg	25.85	25.33	25.75	25.80	25.82	25.72	25.78	25.44	25.89	25.44	25.87
Blower Outlet															
			Ts Stack temperature	Degrees Fahrenheit	110	109	111	120	117	118	110	110	110	115	116
				Degrees Rankine	570	569	571	580	577	578	570	570	570	575	576
			Pg Stack static pressure	inch H2O	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
				inch Hg	3.87	3.87	3.87	3.87	3.87	3.87	3.87	3.87	3.87	3.87	3.87
				psig	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
			Pbar Barometric pressure	inch Hg	29.90	29.89	30.09	30.14	29.87	30.10	30.12	29.78	30.30	29.85	30.43
			Ps Absolute stack gas pressure	inch Hg	33.77	33.76	33.96	34.01	33.74	33.97	33.99	33.65	34.17	33.72	34.30
			Ms Molecular weight of stack gas, wet	lb/lb-mole	27.63	27.60	27.81	27.84	27.77	27.70	28.18	28.11	28.18	28.21	26.55
			Vs Average stack gas velocity	feet per second	33.6	38.7	38.1	38.3	38.1	38.1	33.5	33.1	31.0	32.1	33.4
			Qact Volumetric Flow	actual cubic feet per minute	1,193	1,374	1,352	1,361	1,354	1,355	1,190	1,176	1,103	1,140	1,185
			Qstd Volumetric Flow at actual methane content	standard cubic feet per minute *	1,010	1,136	1,145	1,165	1,173	1,181	1,041	1,023	972	984	1,035
			Qstd corr Volumetric Flow at 50% methane	standard cubic feet per minute **	1,069	1,218	1,189	1,149	1,182	1,189	1,000	1,064	992	945	1,056
			Ht HHV Heat input	MMBtu per hour HHV	32.47	36.96	36.09	34.88	35.89	36.11	30.35	32.31	30.11	28.69	32.05
			Ht LHV Heat input	MMBtu per hour LHV	29.23	33.28	32.49	31.39	32.31	32.51	27.32	29.09	27.11	25.82	28.85
			Methane Content	%, vol/vol wet	52.95%	53.60%	51.90%	49.30%	50.37%	50.37%	48.00%	52.00%	51.00%	48.00%	51.00%
Diff. between pitot tube and orifice reading:				2.7%	2.5%	3.5%	0.8%	2.5%	2.5%	0.0%	0.5%	-0.9%	0.7%	2.4%	0.4%
			dP Delta pressure across orifice plate	inches H2O	7.50	9.50	9.40	10.40	10.30	10.31	8.30	8.10	7.30	7.50	7.75
			Qact Volumetric Flow	acfm	940	1,057	1,053	1,117	1,109	1,110	989	977	928	944	925
			Qstd Volumetric Flow at actual methane content	standard cubic feet per minute *	983	1,107	1,106	1,156	1,144	1,151	1,041	1,018	981	977	1,010
			Qstd Volumetric Flow at 50% methane	standard cubic feet per minute **	1,041	1,187	1,148	1,139	1,152	1,160	999	1,059	1,001	938	1,030
			Ht HHV Heat input	MMBtu per hour HHV	31.60	36.02	34.84	34.59	34.98	35.21	30.33	32.14	30.39	28.48	31.26
			Ht LHV Heat input	MMBtu per hour LHV	28.45	32.43	31.37	31.14	31.49	31.70	27.31	28.93	27.35	25.64	28.14

* 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:

$V_s = K_p \cdot C_p \cdot (\sqrt{q} \cdot dP) \cdot \sqrt{q} \cdot (T_s / (P_s \cdot M_s))$	
$Q_{act} = V_s \cdot A \cdot 60$	
$Q_{std} = Q_{act} \cdot T_{std} / T_s \cdot P_s / P_{std}$	
$Flow, ACFM = 96.3221 \cdot \sqrt{Q_{std}} \cdot \sqrt{Q_{std}} \cdot ((460 + Temperature) / (2.703 \cdot (Pressure + 14.7)))$	

Conversions and constants

13.5958 in H₂O/in Hg

1 PSI = 2.036 in HG

1 PSI = 27.68 in WG

Tstd = 528 degrees

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/DN	TY/RB	TY/RB	TY/RB	TY/RB	TY/RB	TY/RB	TY/RB	TY/RB	TY/RB	TY/RB	TY/RB
Date	3-Jul-12	1-Aug-12	28-Sep-12	24-Oct-12	9-Nov-12	14-Dec-12	7-Jan-13	4-Feb-13	11-Mar-13	2-Apr-13	2-May-13	10-Jun-13
Time	11:00	14:00	13:50	12:10	12:20	13:00	12:00	11:30	12:00	9:00	10:30	11:30
Flow valve												
Pipe inside diameter, inches	11.42	11.42	11.42	11.42	11.42	11.42	11.42	11.42	11.42	11.42	11.42	11.42
Orifice measurement, cfm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ambient Temperature, F	86	87	65	53	51	51	37	28	46	40	65	70
Barometric Pressure, In Hg	29.90	29.89	30.09	30.14	29.87	30.10	30.12	29.78	30.30	29.85	30.43	30.20
Blower Inlet Temperature, F	79	80.6	76.5	71.8	66	61	60	56	58	60	63	70
Outlet Temperature, F	110	109	111	120	117	118	110	110	110	115	116	115
Blower Inlet Pressure (SP), In H2O	-55	-62	-59	-59	-55	-59.5	-59	-59	-60	-60	-62	-60
Blower Outlet Pressure, PSIG	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Blower Outlet Pressure, In H2O	52.59	52.59	52.59	52.59	52.59	52.59	52.59	52.59	52.59	52.59	52.59	52.59
Measurement												
Manometer												
Pitot Tube												
Velocity Pressure (dP)												
Point												
1	0.16	0.26	0.25	0.26	0.27	0.27	0.21	0.20	0.18	0.19	0.21	0.18
2	0.20	0.26	0.26	0.27	0.27	0.27	0.21	0.20	0.18	0.20	0.20	0.18
3	0.22	0.27	0.27	0.27	0.28	0.27	0.21	0.21	0.18	0.20	0.20	0.18
4	0.21	0.26	0.27	0.27	0.27	0.27	0.21	0.21	0.18	0.20	0.20	0.19
5	0.21	0.27	0.27	0.27	0.27	0.27	0.21	0.21	0.19	0.20	0.20	0.19
6	0.21	0.27	0.27	0.27	0.27	0.27	0.22	0.21	0.19	0.19	0.20	0.19
7	0.21	0.27	0.27	0.27	0.27	0.27	0.22	0.21	0.19	0.19	0.20	0.19
8	0.21	0.26	0.27	0.28	0.27	0.28	0.22	0.21	0.19	0.19	0.20	0.19
9	0.21	0.26	0.25	0.28	0.27	0.28	0.22	0.21	0.19	0.19	0.19	0.19
Average	0.204	0.264	0.264	0.271	0.271	0.272	0.214	0.208	0.186	0.194	0.200	0.187
Gas Composition												
Compound, %v/v												
Methane (CH4)	53.0%	53.6%	51.9%	49.3%	50.4%	50.4%	48.0%	52.0%	51.0%	48.0%	51.0%	55.0%
Carbon dioxide (CO2)	39.4%	39.8%	39.3%	37.5%	37.5%	36.9%	37.9%	40.5%	40.2%	38.0%	30.0%	40.8%
Oxygen (O2)	0.7%	0.6%	0.6%	1.1%	1.2%	1.3%	1.50%	0.50%	0.80%	1.60%	1.40%	0.20%
Balance gas	7.0%	6.0%	8.3%	12.1%	11.0%	11.3%	12.51%	7.00%	8.00%	12.40%	17.60%	4.00%
Total	100.0%	100.0%	100.1%	100.0%	100.0%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Moisture (H2O) (included in balance gas)	3.4%	3.6%	3.0%	2.7%	2.2%	1.8%	1.8%	1.5%	1.6%	1.7%	1.9%	2.5%
Molecular weight, lb/lb-mole wet	27.63	27.60	27.81	27.84	27.77	27.70	28.18	28.11	28.18	28.21	26.55	27.69