

Monitoring Report #2011-1
For the Greater New Bedford LFG Utilization Project
Dartmouth, Massachusetts
For Verification Period January 1, 2011 through June 30, 2011

August 2, 2011

CommonWealth

Resource Management Corporation

August 2, 2011

Iris Caldwell
Environmental Engineer
First Environment, Inc.
Chicago Civic Opera Building
20 N. Wacker Dr., Suite 1545

Re: Greater New Bedford LFG Utilization Project Emissions Reductions Verification
Verification Processes: Voluntary Carbon Standard and American Carbon
Registry: For the Periods: January 1, 2011 through June 30, 2011

Dear Iris,

On behalf of our subsidiary CommonWealth New Bedford Energy LLC, we are hereby submitting for your review the information required to perform a Verification of documented methane emissions reductions achieved from January 1, 2011 through June 30, 2011 (the GHG Reductions or Emission Reductions) at the Greater New Bedford LFG Utilization Project (the Project) in Dartmouth, Massachusetts.

Please perform the Verification and prepare a Verification Report required for verification process under the Verified Carbon Standard. Specifically, we are asking you to Verify our documented claims that the emission reductions generated by the Project during first half of 2011 are equivalent to 48,781 metric tons of Verified Carbon Units (VCUs) in accordance with verification protocol under the Verified Carbon Standard.

In support of claims under the Verified Carbon Standard, attached for your review are the following:

1. Monitoring Report
2. Exhibit 1 summarizes the emission reductions from methane oxidation during energy generation and flaring from January 1, 2011 through June 30, 2011.
3. Exhibit 2 provides LFG totalizer readings, and methane content readings for the periods from January 1, 2011 through June 30, 2011, and calculations using the verification protocols under the VCS to obtain emission reductions from methane oxidation during energy generation.
4. Exhibit 3 provides LFG totalizer readings, and methane content readings for the

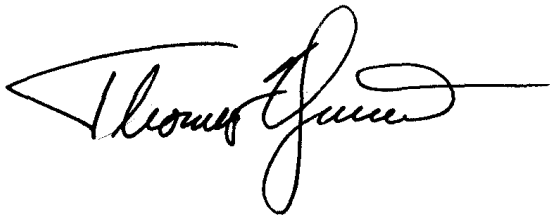
periods from January 1, 2011 through June 30, 2011, and calculations using the verification protocols under the VCS to obtain emission reductions from methane oxidation during flaring.

5. Exhibit 4 provides the key factors, equations, and calculation of VCUs in accordance with the approved consolidated baseline methodology ACM0001/Version 09.1 "Consolidated baseline and monitoring methodology for the landfill gas project activities" promulgated by the United Nations Framework Convention of Climate Change (UNFCCC) under the Clean Development Mechanism (CDM).
6. 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.
7. 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.
8. Exhibit 7 provides documents requested by First Environment on July 29, 2011 that are not covered in the previous Exhibits including a
 - a. Copy of most recent regulatory inspection or other evidence of regulatory compliance
 - b. Copy of new or revised permit associated with the project that were issued during the verification period. *Note that no new or revised permits were issued during the verification period.*
 - c. Attestation that provides evidence that credits are not being verified under the VCS are not used in another GHG program other than VCS

Hourly data for the months of January1 through June 30, 2011 are provided in a Microsoft Excel spreadsheets titled "Hourly Reports for 2011 Jan - Jun".

Please call me with any questions at 508-339-3074. Thank you.

Sincerely,

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

Thomas Yeransian
Principal

MONITORING REPORT #2011-1 FOR THE GREATER NEW BEDFORD LFG UTILIZATION PROJECT DARTMOUTH, MASSACHUSETTS

FOR VERIFICATION PERIOD
JANUARY 1, 2011 THROUGH JUNE 30, 2011
AUGUST 2, 2011

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

Contact Information: Thomas Yeransian, Principal

199 Corey Street

Boston, MA 02132

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

Project Title	Greater New Bedford LFG Utilization Project
Version	3.0
Date of Issue	02-August-2011
Project ID	138
Monitoring Period	01-January-2011 to 30-June-2011
Prepared By	Thomas Yeransian, Principal of CommonWealth Resource Management Corporation
Contact	7 Winslow Way Mansfield, MA 02049, 508-339-3074, tyeransian@crmcx.com , www.crmcx.com

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- 1.0 Project Details
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1 PROJECT DETAILS

1.1 Summary Description of 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.

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

Thomas Yeransian, Principal
Commonwealth Resource Management Corporation
For it's wholly-owned subsidiary
Commonwealth New Bedford Energy, LLC
199 Corey Street
Boston, MA 02132
Tel: (617) 327-8146 or (508) 339-3074

1.4 Other Entities Involved in the Project

None

1.5 Project Start Date

March 28, 2006

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.

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 from the Monitoring Plan

None.

2.3 Grouped Project

Not Applicable.

3 DATA AND PARAMETERS

3.1 Data and Parameters Available at Validation

See PDD for details.

3.2 Data and Parameters Monitored

See PDD for details.

3.3 Description of the Monitoring Plan

See PDD for details.

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 Summary of GHG Emission Reductions and Removals

See attached Exhibits 1 through 4.

5 ADDITIONAL INFORMATION

See attached Exhibits 5 through 7.

EXHIBIT 1				
CommonWealth New Bedford Energy LLC				
Greater New Bedford LFG Utilization Project				
Dartmouth, Massachusetts				
Calculation of Verified Emission Reduction Credits in CO2 equivalent tons				
in accordance with the Project Methodology				
Key parameters used in calculations				
Parameter			VCS	
Methane oxidation efficiency electricity generation			100.0%	
Methane oxidation efficiency LFG flaring			50.0%	
Methane, molecular weight			16	
Pounds per metric ton			2,205	
Gas constant (scf per lb-mole)			385	
Global Warming Potential (GWP) methane			21	
Summary results				
	Unit			
Electricity generation				
Start date			1-Jan-11	
End date			30-Jun-11	
Methane delivered	scf		135,628,410	
Emission Reductions	metric tons CO2e		53,681	
Flaring				
Start date			1-Jan-11	
End date			30-Jun-11	
Methane delivered	scf		-	
Emission Reductions	metric tons CO2e		-	
Subtotal				
Methane delivered	scf		135,628,410	
Emission Reductions	metric tons CO2e		53,681	
District Initial System				
Methane delivered	scf		12,380,232	
Emission Reductions	metric tons CO2e		4,900	
Total				
Emission Reductions eligible under VCS program	metric tons CO2e		48,781	

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, July 15, 2011, v3.1					
Begin period - date	End period - date	Totalizer reading end period	Totalizer reading start period	Total in period	Methane delivered to engines	Methane delivered cumulative	Methane delivered in the period	Methane delivered in the period	Methane oxidation efficiency	MD electricity, Mass methane destroyed in the period	MD electricity, Mass methane destroyed cumulative	Global warming potential methane	Emission reduction	Emission reduction cumulative
mm/dd/yy	mm/dd/yy	MMBtu HHV	MMBtu HHV	MMBtu HHV	scf	scf	metric tons	metric tons	%	metric tons	metric tons	tons CO2 equivalent per ton methane	CO2 equivalent metric tons	CO2 equivalent metric tons
1-Jan-11														
1-Jan-11	31-Jan-11	24,107	-	24,107	23,820,948	23,820,948	449	449	100.0%	449	449	21	9,428	9,428
1-Feb-11	28-Feb-11	45,843	24,107	21,737	21,478,755	45,299,703	405	854	100.0%	405	854	21	8,501	17,929
1-Mar-11	31-Mar-11	69,209	45,843	23,366	23,088,933	68,388,636	435	1,289	100.0%	435	1,289	21	9,138	27,068
1-Apr-11	30-Apr-11	91,917	69,209	22,707	22,438,212	90,826,848	423	1,712	100.0%	423	1,712	21	8,881	35,949
1-May-11	31-May-11	114,784	91,917	22,867	22,596,200	113,423,048	426	2,138	100.0%	426	2,138	21	8,943	44,892
1-Jun-11	30-Jun-11	137,256	114,784	22,472	22,205,362	135,628,410	419	2,556	100.0%	419	2,556	21	8,789	53,681

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, July 15, 2011, v3.1							
Begin period - date	End period - date	Totalizer reading end period	Totalizer reading start period	Total in period	Methane delivered to flare	Methane delivered cumulative	Methane delivered in the period	Methane delivered cumulative	Methane oxidation efficiency	MD flare, Mass methane destroyed in the period	MD flare, Mass methane destroyed cumulative	Global warming potential methane	Emission reduction	Emission reduction cumulative	PE flare, Project emissions (uncontrolled emissions to atmosphere from flare)	PE flare, Project emissions cumulative (uncontrolled emissions to atmosphere from flare)
mm/dd/yy	mm/dd/yy	MMBtu HHV	MMBtu HHV	MMBtu HHV	scf	scf	metric tons	metric tons	%	metric tons	metric tons	tons CO2 equivalent per ton methane	CO2 equivalent metric tons	CO2 equivalent metric tons	CO2 equivalent metric tons	CO2 equivalent metric tons
	1-Jan-11															
1-Jan-11	31-Jan-11	-	-	0	-	0	0	0	50%	-	-	21	-	-	-	-
1-Feb-11	28-Feb-11	-	-	0	-	0	0	0	50%	-	-	21	-	-	-	-
1-Mar-11	31-Mar-11	-	-	0	-	0	0	0	50%	-	-	21	-	-	-	-
1-Apr-11	30-Apr-11	-	-	0	-	0	0	0	50%	-	-	21	-	-	-	-
1-May-11	31-May-11	-	-	0	-	0	0	0	50%	-	-	21	-	-	-	-
1-Jun-11	30-Jun-11	-	-	0	-	0	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

	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
Year								
1st Half 2011	2,556	2,556	-	2,556	233	2,323	48,781	48,781

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

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

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

Exhibit 5

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

JANUARY 2011																
CNBE Daily Reports Summary Data																
	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
	1/1/11	1/2/11	1/3/11	1/4/11	1/5/11	1/6/11	1/7/11	1/8/11	1/9/11	1/10/11	1/11/11	1/12/11	1/13/11	1/14/11	1/15/11	
Landfill Gas Flow to the Engines (KSCF)	1,413	1,396	1,441	1,468	1,438	1,396	1,461	1,472	1,470	1,503	1,415	1,462	1,493	1,471	1,363	
Landfill Gas Flow to the Engines (MMBTU HHV)	735	744	757	766	754	741	783	783	757	759	738	801	789	780	758	
Landfill Gas Flow to the Flare (KSCF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Flow to the Flare (MMBTU HHV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Total Flow (KSCF)	1,413	1,396	1,441	1,468	1,438	1,396	1,461	1,472	1,470	1,503	1,415	1,462	1,493	1,471	1,363	
Landfill Gas Total Flow (MMBTU HHV)	735	744	757	766	754	741	783	783	757	759	738	801	789	780	758	
Average Methane Content (%)	51.4	52.6	51.9	51.6	51.8	52.5	52.9	52.6	50.9	49.9	51.5	54.2	52.2	52.4	54.9	
Engine 1 Hours	-	-	-	-	-	-	14	24	24	24	24	24	24	24	4	
Engine 2 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
Engine 3 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	11	14	
Engine 4 Hours	24	24	24	24	24	24	11	-	-	-	-	-	2	14	24	
Generator 1 Power Output (kWhr)	-	-	-	-	-	-	10,366	19,578	19,362	19,676	17,588	19,797	19,455	19,749	2,531	
Generator 2 Power Output (kWhr)	20,423	20,406	20,272	20,381	19,926	18,451	20,422	20,335	20,381	20,414	18,458	20,172	20,340	20,519	20,945	
Generator 3 Power Output (kWhr)	18,751	18,868	18,865	19,563	19,278	17,016	19,102	19,892	19,301	18,885	17,683	20,026	19,670	8,833	10,587	
Generator 4 Power Output (kWhr)	17,261	17,207	18,066	18,617	18,235	16,800	9,126	-	-	-	-	-	481	10,706	19,345	
Gross Power Output (kWhr)	56,597	56,591	57,240	58,665	57,550	52,310	59,190	60,291	59,500	59,407	54,013	60,410	60,289	60,072	53,514	
Net Power Output (kWhr)	55,034	55,069	55,626	57,014	55,926	50,779	57,557	58,623	57,785	57,649	52,424	58,842	58,663	58,485	52,023	
Power Sold as metered by NStar, (kWhr)	55,096	55,342	56,100	57,205	57,314	51,269	58,085	58,895	58,040	57,583	52,960	58,452	58,691	58,950	52,256	
Offgrid RECs (kWhr)	1,563	1,522	1,614	1,651	1,624	1,531	1,633	1,668	1,715	1,758	1,589	1,568	1,626	1,587	1,491	
Calculated Performance Results																
Daily																
Power output (kW average when running)																
Generator 1	-	-	-	-	-	-	740	816	807	820	733	825	811	823	633	
Generator 2	851	850	845	849	830	769	851	847	849	851	769	841	848	855	873	
Generator 3	781	786	786	815	803	709	796	829	804	787	737	834	820	803	756	
Generator 4	719	717	753	776	760	700	830	-	-	-	-	-	241	765	806	
Power output (kW average over 24-hrs)																
Facility Gross	2,358	2,358	2,385	2,444	2,398	2,180	2,466	2,512	2,479	2,475	2,251	2,517	2,512	2,503	2,230	
Facility Net	2,293	2,295	2,318	2,376	2,330	2,116	2,398	2,443	2,408	2,402	2,184	2,452	2,444	2,437	2,168	
In-plant load	65	63	67	69	68	64	68	70	71	73	66	65	68	66	62	
Daily availability factor																
Facility	75%	75%	75%	75%	75%	75%	76%	75%	75%	75%	75%	75%	77%	76%	69%	
Engine 1	0%	0%	0%	0%	0%	0%	58%	100%	100%	100%	100%	100%	100%	100%	17%	
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	46%	58%	
Engine 4	100%	100%	100%	100%	100%	100%	46%	0%	0%	0%	0%	0%	8%	58%	100%	
Daily capacity factor																
Facility	71%	71%	72%	74%	73%	66%	75%	76%	75%	75%	68%	76%	76%	76%	68%	
Engine 1	0%	0%	0%	0%	0%	0%	90%	99%	98%	99%	89%	100%	98%	100%	77%	
Engine 2	103%	103%	102%	103%	101%	93%	103%	103%	103%	103%	93%	102%	103%	104%	106%	
Engine 3	95%	95%	95%	99%	97%	86%	96%	100%	97%	95%	89%	101%	99%	97%	92%	
Engine 4	87%	87%	91%	94%	92%	85%	101%	0%	0%	0%	0%	0%	29%	93%	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	14	38	62	86	110	134	158	182	186	
Engine 2	24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	
Engine 3	24	48	72	96	120	144	168	192	216	240	264	288	312	323	337	
Engine 4	24	48	72	96	120	144	155	155	155	155	155	155	157	171	195	
Engine operating run hours total from 0 hours																
Engine 1	43,392	43,392	43,392	43,392	43,392	43,392	43,406	43,430	43,454	43,478	43,502	43,526	43,550	43,574	43,578	
Engine 2	42,293	42,317	42,341	42,365	42,389	42,413	42,437	42,461	42,485	42,509	42,533	42,557	42,581	42,605	42,629	
Engine 3	42,304	42,328	42,352	42,376	42,400	42,424	42,448	42,472	42,496	42,520	42,544	42,568	42,592	42,603	42,617	
Engine 4	41,198	41,222	41,246	41,270	41,294	41,318	41,329	41,329	41,329	41,329	41,329	41,329	41,331	41,345	41,369	
Cumulative availability, %																
Engine 1	0%	0%	0%	0%	0%	0%	8%	20%	29%	36%	42%	47%	51%	54%	52%	
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	94%	
Engine 4	100%	100%	100%	100%	100%	100%	92%	81%	72%	65%	59%	54%	50%	51%	54%	
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	-	-	-	-	-	-	740	1,556	2,363	3,183	3,916	4,740	5,551	6,374	7,007	
Engine 2	851	1,701	2,546	3,395	4,225	4,994	5,845	6,692	7,542	8,392	9,161	10,002	10,849	11,704	12,577	
Engine 3	781	1,567	2,354	3,169	3,972	4,681	5,477	6,306	7,110	7,897	8,634	9,468	10,288	11,091	11,847	
Engine 4	719	1,436	2,189	2,965	3,724	4,424	5,254	5,254	5,254	5,254	5,254	5,254	5,495	6,259	7,065	
Cumulative capacity factor, %																
Engine 1	0%	0%	0%	0%	0%	0%	13%	24%	32%	39%	43%	48%	52%	55%	57%	
Engine 2	103%	103%	103%	103%	102%	101%	101%	101%	102%	102%	101%	101%	101%	101%	102%	
Engine 3	95%	95%	95%	96%	96%	95%	95%	96%	96%	96%	95%	96%	96%	96%	96%	
Engine 4	87%	87%	88%	90%	90%	89%	91%	80%	71%	64%	58%	53%	51%	54%	57%	

		Saturday 1/1/11	Sunday 1/2/11	Monday 1/3/11	Tuesday 1/4/11	Wednesday 1/5/11	Thursday 1/6/11	Friday 1/7/11	Saturday 1/8/11	Sunday 1/9/11	Monday 1/10/11	Tuesday 1/11/11	Wednesday 1/12/11	Thursday 1/13/11	Friday 1/14/11	Saturday 1/15/11		
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	505	577	649	721	793	865	939	1,012	1,078		
	Cumulative Availability, %	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.1%	75.1%	75.1%	75.1%	75.1%	75.1%	75.2%	75.3%	74.9%		
	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	56,597	113,188	170,428	229,093	286,643	338,953	398,143	458,434	517,934	577,341	631,354	691,764	752,053	812,125	865,639		
	Cumulative Capacity Factor	71.5%	71.5%	71.7%	72.3%	72.4%	71.3%	71.8%	72.4%	72.7%	72.9%	72.5%	72.8%	73.0%	73.2%	72.9%		
	Cumulative fuel input, MMBtu HHV	735	1,478	2,235	3,002	3,756	4,497	5,280	6,063	6,820	7,579	8,317	9,118	9,907	10,686	11,444		
	Cumulative gross output, kWhr	56,597	113,188	170,428	229,093	286,643	338,953	398,143	458,434	517,934	577,341	631,354	691,764	752,053	812,125	865,639		
Heat Rate																		
	Daily heat rate, Btu/kWe gross LHV	11,683	11,829	11,910	11,759	11,800	12,755	11,905	11,688	11,451	11,506	12,295	11,944	11,775	11,681	12,753		
	Daily heat rate, Btu/kWe gross HHV	12,978	13,140	13,230	13,062	13,109	14,169	13,225	12,984	12,721	12,781	13,658	13,268	13,080	12,976	14,166		
	Cumulative heat rate, Btu/kWe gross LHV	11,683	11,756	11,807	11,795	11,796	11,944	11,938	11,905	11,853	11,817	11,858	11,866	11,858	11,845	11,901		
	Cumulative heat rate, Btu/kWe gross HHV	12,978	13,059	13,116	13,103	13,104	13,268	13,262	13,225	13,167	13,128	13,173	13,181	13,173	13,159	13,221		
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	72	144	216	288	360	432	505	577	649	721	793	865	939	1,012	1,078		
	Cumulative Availability, %	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.1%	75.1%	75.1%	75.1%	75.1%	75.1%	75.2%	75.3%	74.9%		
	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	56,597	113,188	170,428	229,093	286,643	338,953	398,143	458,434	517,934	577,341	631,354	691,764	752,053	812,125	865,639		
	Cumulative Capacity Factor	71.5%	71.5%	71.7%	72.3%	72.4%	71.3%	71.8%	72.4%	72.7%	72.9%	72.5%	72.8%	73.0%	73.2%	72.9%		
	Cumulative fuel input, MMBtu HHV	735	1,478	2,235	3,002	3,756	4,497	5,280	6,063	6,820	7,579	8,317	9,118	9,907	10,686	11,444		
	Cumulative gross output, kWhr	56,597	113,188	170,428	229,093	286,643	338,953	398,143	458,434	517,934	577,341	631,354	691,764	752,053	812,125	865,639		
	Cumulative heat rate, Btu/kWe gross LHV	11,683	11,756	11,807	11,795	11,796	11,944	11,938	11,905	11,853	11,817	11,858	11,866	11,858	11,845	11,901		
	Cumulative heat rate, Btu/kWe gross HHV	12,978	13,059	13,116	13,103	13,104	13,268	13,262	13,225	13,167	13,128	13,173	13,181	13,173	13,159	13,221		
Service																		
	Engine 1															Reverse Power: T		
	Engine 2																	
	Engine 3																	
	Engine 4																	
Oil - oil and filter change																		
Service - plugs, air filter, valve inspection and adjustment																		
								New cell 56CH4, 42CO2										
								Connect well 19R and 17R										
										Well 19R 56CH4, 44CO2, -8inWG								
										Well 17R leaking, 35CH4, 26CO2, 802, 36Bal, -1inWG		Vent leak fixed.						
		NSTAR Power Reports		Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		Date	1/1/11	1/2/11	1/3/11	1/4/11	1/5/11	1/6/11	1/7/11	1/8/11	1/9/11	1/10/11	1/11/11	1/12/11	1/13/11	1/14/11	1/15/11	
		Hour																
		1	2,294	2,306	2,291	2,369	2,393	2,382	2,368	2,450	2,446	2,397	2,440	2,442	2,418	2,472	2,432	
		2	2,287	2,300	2,289	2,367	2,390	2,380	2,376	2,445	2,449	2,391	2,435	2,451	2,415	2,476	2,439	
		3	2,286	2,301	2,290	2,366	2,387	2,380	2,372	2,448	2,440	2,393	2,428	2,462	2,403	2,473	2,328	
		4	2,290	2,307	2,289	2,366	2,384	2,385	2,370	2,452	2,437	2,398	2,423	2,475	2,403	2,476	1,644	
		5	2,289	2,302	2,288	2,369	2,392	2,382	2,380	2,451	2,430	2,398	2,421	2,476	2,404	2,479	1,664	
		6	2,286	2,303	2,284	2,369	2,390	2,382	2,383	2,449	2,423	2,393	2,432	2,478	2,397	2,478	1,666	
		7	2,286	2,305	2,280	2,370	2,387	2,385	2,375	2,447	2,423	2,383	2,433	2,474	2,381	2,471	1,676	
		8	2,289	2,302	2,277	2,370	2,383	2,390	2,376	2,448	2,422	2,367	2,350	2,471	2,377	2,477	1,675	
		9	2,294	2,307	2,323	2,374	2,387	2,381	2,377	2,452	2,416	2,404	2,265	2,474	2,378	2,434	1,729	
		10	2,294	2,306	2,352	2,381	2,391	2,057	2,372	2,459	2,421	2,398	2,309	2,458	2,424	2,489	1,766	
		11	2,295	2,304	2,351	2,390	2,391	1,037	2,332	2,455	2,430	2,388	2,309	2,440	2,469	2,639	1,751	
		12	2,302	2,311	2,352	2,388	2,389	1,023	2,458	2,463	2,438	2,394	1,661	2,432	2,473	2,103	2,373	
		13	2,301	2,308	2,359	2,393	2,396	941	2,474	2,465	2,433	2,405	1,011	2,428	2,416	2,465	2,415	
		14	2,306	2,316	2,376	2,398	2,390	976	2,482	2,464	2,424	2,323	997	2,422	2,508	2,467	2,432	
		15	2,306	2,311	2,384	2,398	2,396	2,403	2,476	2,465	2,421	2,284	1,147	2,418	2,665	2,463	2,428	
		16	2,305	2,310	2,379	2,397	2,391	2,385	2,467	2,456	2,419	2,269	2,431	2,411	2,473	2,461	2,428	
		17	2,301	2,307	2,373	2,394	2,389	2,359	2,465	2,449	2,410	2,464	2,429	2,409	2,469	2,462	2,435	
		18	2,301	2,310	2,371	2,395	2,385	2,379	2,460	2,452	2,400	2,453	2,428	2,407	2,454	2,463	2,433	
		19	2,303	2,309	2,369	2,394	2,385	2,380	2,456	2,460	2,397	2,451	2,427	2,399	2,470	2,463	2,428	
		20	2,298	2,305	2,367	2,393	2,387	2,382	2,454	2,451	2,396	2,451	2,431	2,401	2,464	2,458	2,425	
		21	2,294	2,303	2,363	2,389	2,385	2,377	2,453	2,451	2,393	2,451	2,432	2,410	2,456	2,457	2,424	
		22	2,297	2,306	2,362	2,390	2,385	2,369	2,453	2,453	2,394	2,446	2,434	2,401	2,452	2,448	2,420	
		23	2,295	2,303	2,364	2,393	2,382	2,379	2,454	2,456	2,389	2,443	2,443	2,400	2,456	2,439	2,422	
		24	2,297	2,300	2,367	2,392	2,379	2,375	2,452	2,454	2,389	2,439	2,444	2,413	2,466	2,437	2,423	

JANUARY 2011																		
CNBE Daily Reports Summary Data																		
	Sunday 1/16/11	Monday 1/17/11	Tuesday 1/18/11	Wednesday 1/19/11	Thursday 1/20/11	Friday 1/21/11	Saturday 1/22/11	Sunday 1/23/11	Monday 1/24/11	Tuesday 1/25/11	Wednesday 1/26/11	Thursday 1/27/11	Friday 1/28/11	Saturday 1/29/11	Sunday 1/30/11	Monday 1/31/11	TOTAL	
Landfill Gas Flow to the Engines (KSCF)	1,433	1,449	1,412	1,433	1,441	1,443	1,480	1,490	1,421	1,532	1,579	1,513	1,485	1,416	1,366	1,417	44,973	
Landfill Gas Flow to the Engines (MMBTU HHV)	787	783	782	796	786	794	798	806	771	830	844	803	789	764	756	773	24,107	
Landfill Gas Flow to the Flare (KSCF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Flow to the Flare (MMBTU HHV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Total Flow (KSCF)	1,433	1,449	1,412	1,433	1,441	1,443	1,480	1,490	1,421	1,532	1,579	1,513	1,485	1,416	1,366	1,417	44,973	
Landfill Gas Total Flow (MMBTU HHV)	787	783	782	796	786	794	798	806	771	830	844	803	789	764	756	773	24,107	
Average Methane Content (%)	54.3	53.4	54.7	54.9	53.9	54.4	53.3	53.5	53.6	53.5	52.8	52.5	52.5	53.3	54.7	53.9	53.0	
Engine 1 Hours	-	5	-	-	16	24	24	24	3	12	24	24	24	24	24	24	438	
Engine 2 Hours	24	24	24	24	24	24	24	24	24	24	24	14	-	-	-	-	638	
Engine 3 Hours	24	24	24	24	15	15	24	24	24	24	24	24	24	24	24	24	703	
Engine 4 Hours	24	24	24	24	24	15	-	-	18	24	24	24	24	24	24	24	516	
Generator 1 Power Output (kWhr)	-	1,163	-	-	9,200	18,908	20,121	20,290	1,997	6,088	14,272	17,268	20,335	19,036	17,996	19,032	333,808	
Generator 2 Power Output (kWhr)	20,667	20,071	20,195	20,629	20,109	19,353	20,221	20,683	20,217	19,467	17,835	9,852	-	-	-	-	531,144	
Generator 3 Power Output (kWhr)	19,170	19,097	20,231	20,537	12,521	10,720	19,388	18,876	19,759	19,482	17,267	18,402	20,566	19,353	18,312	19,412	559,413	
Generator 4 Power Output (kWhr)	19,464	19,024	18,237	19,094	18,928	11,182	-	-	14,365	18,480	14,350	14,914	19,732	19,442	19,432	19,499	391,987	
Gross Power Output (kWhr)	59,385	59,441	58,802	60,395	60,886	60,453	59,999	60,130	56,337	63,882	64,380	60,956	60,866	58,081	55,926	58,090	1,823,648	
Net Power Output (kWhr)	57,741	57,815	57,275	58,843	59,346	58,873	58,369	58,469	54,906	62,266	62,509	59,248	59,178	56,513	54,419	56,505	1,773,774	
Power Sold as metered by NStar, (kWhr)	57,872	59,100	58,716	58,996	60,927	60,409	58,856	58,775	55,960	62,377	63,112	59,829	59,292	57,044	55,164	57,069	1,789,736	
Offgrid RECs (kWhr)	1,644	1,626	1,527	1,552	1,540	1,580	1,630	1,661	1,431	1,616	1,871	1,708	1,688	1,568	1,507	1,585	49,874	
Calculated Performance Results																		
Daily																		
Power output (kW average when running)																		
Generator 1	-	233	-	-	575	788	838	845	666	507	595	720	847	793	750	793		
Generator 2	861	836	841	860	838	806	843	862	842	811	743	704	-	-	-	-		
Generator 3	799	796	843	856	835	715	808	787	823	812	719	767	857	806	763	809		
Generator 4	811	793	760	796	789	745	-	-	798	770	598	621	822	810	810	812		
Power output (kW average over 24-hrs)																		
Facility Gross	2,474	2,477	2,450	2,516	2,537	2,519	2,500	2,505	2,347	2,662	2,683	2,540	2,536	2,420	2,330	2,420		
Facility Net	2,406	2,409	2,386	2,452	2,473	2,453	2,432	2,436	2,288	2,594	2,605	2,469	2,466	2,355	2,267	2,354		
In-plant load	69	68	64	65	64	66	68	69	60	67	78	71	70	65	63	66		
Daily availability factor																		
Facility	75%	80%	75%	75%	82%	81%	75%	75%	72%	88%	100%	90%	75%	75%	75%	75%		
Engine 1	0%	21%	0%	0%	67%	100%	100%	100%	13%	50%	100%	100%	100%	100%	100%	100%		
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	58%	0%	0%	0%	0%		
Engine 3	100%	100%	100%	100%	63%	63%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
Engine 4	100%	100%	100%	100%	100%	63%	0%	0%	75%	100%	100%	100%	100%	100%	100%	100%		
Daily capacity factor																		
Facility	75%	75%	74%	76%	77%	76%	76%	71%	81%	81%	77%	77%	73%	71%	73%			
Engine 1	0%	28%	0%	0%	70%	95%	102%	102%	81%	61%	72%	87%	103%	91%	96%			
Engine 2	104%	101%	102%	104%	102%	98%	102%	104%	102%	98%	90%	85%	0%	0%	0%	0%		
Engine 3	97%	96%	102%	104%	101%	87%	98%	95%	100%	98%	87%	93%	104%	98%	92%	98%		
Engine 4	98%	96%	92%	96%	96%	90%	0%	0%	97%	93%	72%	75%	100%	98%	98%	98%		
Cumulative by engine																		
Engine operating run hours in the month																		
Max Cumulative Available, hours	384	408	432	456	480	504	528	552	576	600	624	648	672	696	720	720		
Engine 1	186	191	191	191	207	231	255	279	282	294	318	342	366	390	414	414		
Engine 2	384	408	432	456	480	504	528	552	576	600	624	638	638	638	638	638		
Engine 3	361	385	409	433	448	463	487	511	535	559	583	607	631	655	679	679		
Engine 4	219	243	267	291	315	330	330	330	348	372	396	420	444	468	492	492		
Engine operating run hours total from 0 hours																		
Engine 1	43,578	43,583	43,583	43,583	43,599	43,623	43,647	43,671	43,674	43,686	43,710	43,734	43,758	43,782	43,806	43,806		
Engine 2	42,653	42,677	42,701	42,725	42,749	42,773	42,797	42,821	42,845	42,869	42,893	42,907	42,907	42,907	42,907	42,907		
Engine 3	42,641	42,665	42,689	42,713	42,728	42,743	42,767	42,791	42,815	42,839	42,863	42,887	42,911	42,935	42,959	42,959		
Engine 4	41,393	41,417	41,441	41,465	41,489	41,504	41,504	41,504	41,522	41,546	41,570	41,594	41,618	41,642	41,666	41,666		
Cumulative availability, %																		
Engine 1	48%	47%	44%	42%	43%	46%	48%	51%	49%	49%	51%	53%	54%	56%	58%	58%		
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	98%	95%	92%	89%	89%		
Engine 3	94%	94%	95%	95%	93%	92%	93%	93%	93%	93%	93%	94%	94%	94%	94%	94%		
Engine 4	57%	60%	62%	64%	66%	65%	63%	60%	60%	62%	63%	65%	66%	67%	68%	68%		
Engine cumulative gross output, kWhr																		
Max cumulative capacity one engine	13,200	14,025	14,850	15,675	16,500	17,325	18,150	18,975	19,800	20,625	21,450	22,275	23,100	23,925	24,750	24,750		
Engine 1	7,007	7,239	7,239	7,239	7,814	8,602	9,441	10,286	10,952	11,459	12,054	12,773	13,620	14,414	15,163	15,207		
Engine 2	13,438	14,274	15,116	15,975	16,813	17,620	18,462	19,324	20,166	20,977	21,721	22,424	22,424	22,424	22,424	22,424		
Engine 3	12,645	13,441	14,284	15,140	15,975	16,689	17,497	18,284	19,107	19,919	20,638	21,405	22,262	23,068	23,831	23,877		
Engine 4	7,876	8,669	9,429	10,224	11,013	11,759	11,759	11,759	12,557	13,327	13,925	14,546	15,368	16,178	16,988	16,991		
Cumulative capacity factor, %																		
Engine 1	53%	52%	49%	46%	47%	50%	52%	54%	55%	56%	56%	57%	59%	60%	61%	61%		
Engine 2	102%	102%	102%	102%	102%	102%	102%	102%	102%	102%	101%	101%	97%	94%	91%	91%		
Engine 3	96%	96%	96%	97%	97%	96%	96%	96%	96%	97%	96%	96%	96%	96%	96%	96%		
Engine 4	60%	62%	63%	65%	67%	68%	65%	62%	63%	65%	65%	65%	67%	68%	69%	69%		

	Sunday 1/16/11	Monday 1/17/11	Tuesday 1/18/11	Wednesday 1/19/11	Thursday 1/20/11	Friday 1/21/11	Saturday 1/22/11	Sunday 1/23/11	Monday 1/24/11	Tuesday 1/25/11	Wednesday 1/26/11	Thursday 1/27/11	Friday 1/28/11	Saturday 1/29/11	Sunday 1/30/11	Monday 1/31/11	TOTAL
Cumulative by Facility in month																	
Max cumulative available engine run hours	1,536	1,632	1,728	1,824	1,920	2,016	2,112	2,208	2,304	2,400	2,496	2,592	2,688	2,784	2,880	2,880	
Actual cumulative engine run hours	1,150	1,227	1,299	1,371	1,450	1,528	1,600	1,672	1,741	1,825	1,921	2,007	2,079	2,151	2,223	2,223	
Cumulative Availability, %	74.9%	75.2%	75.2%	75.2%	75.5%	75.8%	75.8%	75.7%	75.6%	76.0%	77.0%	77.4%	77.3%	77.3%	77.2%	77.2%	
Max cumulative gross output, kWhr	1,267,200	1,346,400	1,425,600	1,504,800	1,584,000	1,663,200	1,742,400	1,821,600	1,900,800	1,980,000	2,059,200	2,138,400	2,217,600	2,296,800	2,376,000	2,376,000	
Actual cumulative gross output, kWhr	925,024	984,465	1,043,267	1,103,662	1,164,548	1,225,001	1,285,000	1,345,130	1,401,467	1,465,349	1,529,729	1,590,685	1,651,551	1,709,632	1,765,558	1,767,722	
Cumulative Capacity Factor	73.0%	73.1%	73.2%	73.3%	73.5%	73.7%	73.7%	73.8%	73.7%	74.0%	74.3%	74.4%	74.5%	74.4%	74.3%	74.4%	
Cumulative fuel input, MMBtu HHV	12,231	13,015	13,796	14,593	15,378	16,172	16,970	17,776	18,547	19,378	20,221	21,025	21,814	22,578	23,334	24,107	
Cumulative gross output, kWhr	925,024	984,465	1,043,267	1,103,662	1,164,548	1,225,001	1,285,000	1,345,130	1,401,467	1,465,349	1,529,729	1,590,685	1,651,551	1,709,632	1,765,558	1,823,648	
Heat Rate																	
Daily heat rate, Btu/kWe gross LHV	11,930	11,860	11,970	11,866	11,615	11,820	11,977	12,067	12,321	11,699	11,798	11,865	11,671	11,846	12,161	11,980	
Daily heat rate, Btu/kWe gross HHV	13,253	13,174	13,297	13,182	12,903	13,131	13,305	13,404	13,687	12,996	13,107	13,180	12,965	13,159	13,509	13,309	
Cumulative heat rate, Btu/kWe gross LHV	11,903	11,901	11,905	11,902	11,887	11,884	11,888	11,896	11,913	11,904	11,900	11,898	11,890	11,888	11,897	11,900	
Cumulative heat rate, Btu/kWe gross HHV	13,223	13,220	13,224	13,222	13,205	13,202	13,206	13,215	13,234	13,224	13,219	13,217	13,208	13,206	13,216	13,219	
Cumulative by Facility starting Calendar Year																	
Max cumulative available engine run hours	1,536	1,632	1,728	1,824	1,920	2,016	2,112	2,208	2,304	2,400	2,496	2,592	2,688	2,784	2,880	2,880	
Actual cumulative engine run hours	1,150	1,227	1,299	1,371	1,450	1,528	1,600	1,672	1,741	1,825	1,921	2,007	2,079	2,151	2,223	2,223	
Cumulative Availability, %	74.9%	75.2%	75.2%	75.2%	75.5%	75.8%	75.8%	75.7%	75.6%	76.0%	77.0%	77.4%	77.3%	77.3%	77.2%	77.2%	
Max cumulative gross output, kWhr	1,267,200	1,346,400	1,425,600	1,504,800	1,584,000	1,663,200	1,742,400	1,821,600	1,900,800	1,980,000	2,059,200	2,138,400	2,217,600	2,296,800	2,376,000	2,376,000	
Actual cumulative gross output, kWhr	925,024	984,465	1,043,267	1,103,662	1,164,548	1,225,001	1,285,000	1,345,130	1,401,467	1,465,349	1,529,729	1,590,685	1,651,551	1,709,632	1,765,558	1,767,722	
Cumulative Capacity Factor	73.0%	73.1%	73.2%	73.3%	73.5%	73.7%	73.7%	73.8%	73.7%	74.0%	74.3%	74.4%	74.5%	74.4%	74.3%	74.4%	
Cumulative fuel input, MMBtu HHV	12,231	13,015	13,796	14,593	15,378	16,172	16,970	17,776	18,547	19,378	20,221	21,025	21,814	22,578	23,334	24,107	
Cumulative gross output, kWhr	925,024	984,465	1,043,267	1,103,662	1,164,548	1,225,001	1,285,000	1,345,130	1,401,467	1,465,349	1,529,729	1,590,685	1,651,551	1,709,632	1,765,558	1,823,648	
Cumulative heat rate, Btu/kWe gross LHV	11,903	11,901	11,905	11,902	11,887	11,884	11,888	11,896	11,913	11,904	11,900	11,898	11,890	11,888	11,897	11,900	
Cumulative heat rate, Btu/kWe gross HHV	13,223	13,220	13,224	13,222	13,205	13,202	13,206	13,215	13,234	13,224	13,219	13,217	13,208	13,206	13,216	13,219	
Service																	
Engine 1	urbo Failure								Turbo failure								
Engine 2																	
Engine 3																	
Engine 4						11,900											
Oil - oil and filter change					56 inch vac with 4 engines											4th Well sealed	
Service - plugs, air filter, valve inspection and adjust						58 inch vac with 4 engines											
						2,800											
NSTAR Power Reports	Sunday 1/16/11	Monday 1/17/11	Tuesday 1/18/11	Wednesday 1/19/11	Thursday 1/20/11	Friday 1/21/11	Saturday 1/22/11	Sunday 1/23/11	Monday 1/24/11	Tuesday 1/25/11	Wednesday 1/26/11	Thursday 1/27/11	Friday 1/28/11	Saturday 1/29/11	Sunday 1/30/11	Monday 1/31/11	TOTAL
Hour																	
1	2,424	2,407	2,440	2,463	2,456	2,465	2,451	2,450	2,415	2,495	2,659	2,647	2,459	2,511	2,141	2,292	
2	2,420	2,411	2,474	2,463	2,456	2,468	2,452	2,459	2,379	2,495	2,653	2,638	2,463	2,346	2,103	2,326	
3	2,421	2,407	2,455	2,460	2,465	2,468	2,442	2,457	1,877	2,499	2,647	2,630	2,464	2,213	2,328	2,323	
4	2,423	2,405	2,436	2,463	2,468	2,468	2,445	2,462	1,626	2,499	2,642	2,617	2,466	2,467	2,329	2,329	
5	2,422	2,406	2,439	2,461	2,466	2,454	2,445	2,450	1,623	2,497	2,650	2,590	2,464	2,472	2,331	2,326	
6	2,417	2,401	2,440	2,453	2,462	2,448	2,437	2,450	1,699	2,501	2,647	2,581	2,465	2,511	2,334	2,320	
7	2,415	2,403	2,436	2,453	2,458	2,450	2,436	2,437	2,374	2,504	2,647	2,327	2,461	2,512	2,333	2,049	
8	2,410	2,403	2,435	2,454	2,461	2,448	2,428	2,438	2,437	2,499	2,615	2,274	2,465	2,516	2,325	2,162	
9	2,402	2,398	2,408	2,455	2,613	2,444	2,448	2,452	2,432	2,497	2,616	2,279	2,463	2,520	2,323	2,286	
10	2,407	2,407	2,252	2,449	2,782	2,498	2,477	2,467	2,430	2,497	2,610	2,427	2,486	2,520	2,335	2,428	
11	2,408	2,408	2,416	2,450	2,753	2,756	2,464	2,473	2,448	2,496	2,603	2,579	2,485	2,518	2,335	2,457	
12	2,412	2,510	2,470	2,461	2,759	2,769	2,468	2,474	2,475	2,515	2,605	2,606	2,484	2,379	2,223	2,478	
13	2,411	2,637	2,470	2,455	2,739	2,723	2,469	2,470	2,486	2,743	2,588	2,590	2,487	2,037	2,189	2,490	
14	2,412	2,716	2,473	2,463	2,738	2,713	2,458	2,467	2,481	2,753	2,612	2,486	2,489	2,112	2,339	2,481	
15	2,413	2,688	2,476	2,466	2,746	2,695	2,455	2,465	2,477	2,738	2,621	2,456	2,493	2,347	2,341	2,480	
16	2,407	2,590	2,478	2,465	2,459	2,450	2,460	2,465	2,475	2,710	2,619	2,459	2,470	2,348	2,343	2,432	
17	2,402	2,417	2,480	2,464	2,443	2,485	2,457	2,456	2,473	2,702	2,622	2,459	2,470	2,345	2,344	2,185	
18	2,396	2,445	2,475	2,461	2,450	2,471	2,450	2,437	2,473	2,702	2,630	2,456	2,469	2,342	2,336	2,421	
19	2,404	2,456	2,467	2,456	2,457	2,469	2,449	2,433	2,472	2,696	2,633	2,454	2,465	2,337	2,331	2,458	
20	2,408	2,457	2,469	2,456	2,458	2,464	2,447	2,431	2,477	2,681	2,634	2,453	2,462	2,341	2,326	2,467	
21	2,411	2,449	2,461	2,457	2,457	2,457	2,455	2,422	2,475	2,675	2,634	2,454	2,463	2,338	2,332	2,473	
22	2,410	2,417	2,456	2,458	2,458	2,448	2,457	2,422	2,478	2,665	2,639	2,457	2,466	2,336	2,333	2,468	
23	2,405	2,427	2,453	2,457	2,460	2,450	2,458	2,420	2,483	2,658	2,641	2,455	2,469	2,334	2,174	2,466	
24	2,412	2,435	2,457	2,453	2,463	2,448	2,448	2,418	2,495	2,660	2,645	2,455	2,464	2,342	2,336	2,472	
TOTAL	57,872	59,100	58,716	58,996	60,927	60,409	58,856	58,775	55,960	62,377	63,112	59,829	59,292	57,044	55,164	57,069	
Cumulative Output Sold, kWhr	904,110	963,210	1,021,926	1,080,922	1,141,849	1,202,258	1,261,114	1,319,889	1,375,849	1,438,226	1,501,338	1,561,167	1,620,459	1,677,503	1,732,667	1,789,736	
Transformer and line efficiency	100.2%	102.2%	102.5%	100.3%	102.7%	102.6%	100.8%	100.5%	101.9%	100.2%	101.0%	101.0%	100.2%	100.9%	101.4%	101.0%	0.0%
Hourly average	2,411	2,463	2,447	2,458	2,539	2,517	2,452	2,449	2,332	2,599	2,630	2,493	2,471	2,377	2,299	2,378	2,406

FEBRUARY 2011																
CNBE Daily Reports Summary Data																
	Tuesday 2/1/11	Wednesday 2/2/11	Thursday 2/3/11	Friday 2/4/11	Saturday 2/5/11	Sunday 2/6/11	Monday 2/7/11	Tuesday 2/8/11	Wednesday 2/9/11	Thursday 2/10/11	Friday 2/11/11	Saturday 2/12/11	Sunday 2/13/11	Monday 2/14/11	Tuesday 2/15/11	
Landfill Gas Flow to the Engines (KSCF)	1,506	1,532	1,538	1,524	1,374	1,387	1,474	1,570	1,554	1,474	1,494	1,538	1,542	1,569	1,552	
Landfill Gas Flow to the Engines (MMBTU HHV)	816	828	811	793	752	754	800	826	786	763	776	794	782	803	747	
Landfill Gas Flow to the Flare (KSCF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Flow to the Flare (MMBTU HHV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Total Flow (KSCF)	1,506	1,532	1,538	1,524	1,374	1,387	1,474	1,570	1,554	1,474	1,494	1,538	1,542	1,569	1,552	
Landfill Gas Total Flow (MMBTU HHV)	816	828	811	793	752	754	800	826	786	763	776	794	782	803	747	
Average Methane Content (%)	53.6	53.4	52.1	51.4	54.1	53.7	53.6	52.0	49.9	51.1	51.4	51.0	50.1	50.6	47.5	
Engine 1 Hours	24	24	24	24	22	23	24	24	24	24	12	24	24	24	24	
Engine 2 Hours	15	20	24	24	24	24	24	24	24	22	24	24	24	24	24	
Engine 3 Hours	24	24	19	20	-	-	10	24	24	24	24	24	24	24	9	
Engine 4 Hours	24	24	24	22	24	24	24	24	9	14	24	24	24	24	23	
Generator 1 Power Output (kWhr)	18,752	19,032	19,119	14,907	18,553	19,216	19,646	18,951	19,713	10,271	6,127	13,996	14,184	14,204	17,604	
Generator 2 Power Output (kWhr)	3,784	7,953	17,158	19,578	20,448	19,790	20,027	18,625	19,343	18,598	18,048	14,698	14,670	14,702	17,707	
Generator 3 Power Output (kWhr)	19,149	15,320	6,617	10,415	-	-	3,998	9,362	14,949	19,926	18,200	16,082	16,148	17,604	7,135	
Generator 4 Power Output (kWhr)	18,537	18,761	19,070	16,762	19,484	19,590	19,546	17,473	6,026	11,079	18,511	17,399	16,223	17,861	17,931	
Gross Power Output (kWhr)	60,437	61,408	62,364	62,014	58,680	58,891	63,669	64,874	60,391	60,172	61,331	62,829	61,775	64,941	60,944	
Net Power Output (kWhr)	58,706	59,673	60,667	60,256	57,247	57,459	62,074	63,031	58,650	58,575	59,763	61,197	60,118	63,241	59,361	
Power Sold as metered by NStar, (kWhr)	59,296	60,272	61,992	61,115	58,575	58,877	63,534	65,106	60,112	59,905	60,123	61,443	60,728	63,901	59,260	
Offgrid RECs (kWhr)	1,731	1,735	1,697	1,758	1,433	1,432	1,595	1,843	1,741	1,597	1,568	1,632	1,657	1,700	1,583	
Calculated Performance Results																
Daily																
Power output (kW average when running)																
Generator 1	781	793	797	621	843	835	819	790	821	790	511	583	591	592	734	
Generator 2	252	398	715	816	852	825	834	776	806	845	752	612	611	613	738	
Generator 3	798	638	348	521	-	-	400	390	623	830	758	670	673	734	793	
Generator 4	772	782	795	762	812	816	814	728	670	791	771	725	676	744	780	
Power output (kW average over 24-hrs)																
Facility Gross	2,518	2,559	2,599	2,584	2,445	2,454	2,653	2,703	2,516	2,507	2,555	2,618	2,574	2,706	2,539	
Facility Net	2,446	2,486	2,528	2,511	2,385	2,394	2,586	2,626	2,444	2,441	2,490	2,550	2,505	2,635	2,473	
In-plant load	72	72	71	73	60	60	66	77	73	67	65	68	69	71	66	
Daily availability factor																
Facility	91%	96%	95%	94%	73%	74%	85%	100%	84%	76%	88%	100%	100%	100%	83%	
Engine 1	100%	100%	100%	100%	92%	96%	100%	100%	100%	54%	50%	100%	100%	100%	100%	
Engine 2	63%	83%	100%	100%	100%	100%	100%	100%	100%	92%	100%	100%	100%	100%	100%	
Engine 3	100%	100%	79%	83%	0%	0%	42%	100%	100%	100%	100%	100%	100%	100%	38%	
Engine 4	100%	100%	100%	92%	100%	100%	100%	100%	38%	58%	100%	100%	100%	100%	96%	
Daily capacity factor																
Facility	76%	78%	79%	78%	74%	74%	80%	82%	76%	76%	77%	79%	78%	82%	77%	
Engine 1	95%	96%	97%	75%	102%	101%	99%	96%	100%	96%	62%	71%	72%	72%	89%	
Engine 2	31%	48%	87%	99%	103%	100%	101%	94%	98%	102%	91%	74%	74%	74%	89%	
Engine 3	97%	77%	42%	63%	0%	0%	48%	47%	76%	101%	92%	81%	82%	89%	96%	
Engine 4	94%	95%	96%	92%	98%	99%	99%	88%	81%	96%	93%	88%	82%	90%	94%	
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	118	141	165	189	213	226	238	262	286	310	334	
Engine 2	15	35	59	83	107	131	155	179	203	225	249	273	297	321	345	
Engine 3	24	48	67	87	87	87	97	121	145	169	193	217	241	265	274	
Engine 4	24	48	72	94	118	142	166	190	199	213	237	261	285	309	332	
Engine operating run hours total from 0 hours																
Engine 1	43,807	43,831	43,855	43,879	43,901	43,924	43,948	43,972	43,996	44,009	44,021	44,045	44,069	44,093	44,117	
Engine 2	42,894	42,914	42,938	42,962	42,986	43,010	43,034	43,058	43,082	43,104	43,128	43,152	43,176	43,200	43,224	
Engine 3	42,983	43,007	43,026	43,046	43,066	43,086	43,106	43,126	43,146	43,166	43,186	43,206	43,226	43,246	43,266	
Engine 4	41,690	41,714	41,738	41,760	41,784	41,808	41,832	41,856	41,880	41,904	41,928	41,952	41,976	41,999	42,023	
Cumulative availability, %																
Engine 1	100%	100%	100%	100%	98%	98%	98%	98%	99%	94%	90%	91%	92%	92%	93%	
Engine 2	63%	73%	82%	86%	89%	91%	92%	93%	94%	94%	94%	95%	95%	96%	96%	
Engine 3	100%	100%	93%	91%	73%	60%	58%	63%	67%	70%	73%	75%	77%	79%	76%	
Engine 4	100%	100%	100%	98%	98%	99%	99%	99%	92%	89%	90%	91%	91%	92%	92%	
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	781	1,574	2,371	2,992	3,835	4,671	5,489	6,279	7,100	7,891	8,401	8,984	9,575	10,167	10,901	
Engine 2	252	650	1,365	2,181	3,033	3,857	4,692	5,468	6,274	7,119	7,871	8,483	9,095	9,707	10,445	
Engine 3	798	1,436	2,305	2,305	2,305	2,305	2,705	3,095	3,718	4,548	5,307	5,977	6,649	7,383	8,176	
Engine 4	772	1,554	2,349	3,111	3,922	4,739	5,553	6,281	6,951	7,742	8,513	9,238	9,914	10,658	11,438	
Cumulative capacity factor, %																
Engine 1	95%	95%	96%	91%	93%	94%	95%	95%	96%	96%	93%	91%	89%	88%	88%	
Engine 2	31%	39%	55%	66%	74%	78%	81%	83%	84%	86%	87%	86%	85%	84%	84%	
Engine 3	97%	87%	72%	70%	56%	47%	47%	47%	50%	55%	58%	60%	62%	64%	66%	
Engine 4	94%	94%	95%	94%	95%	96%	96%	95%	94%	94%	94%	93%	92%	92%	92%	

	Tuesday 2/1/11	Wednesday 2/2/11	Thursday 2/3/11	Friday 2/4/11	Saturday 2/5/11	Sunday 2/6/11	Monday 2/7/11	Tuesday 2/8/11	Wednesday 2/9/11	Thursday 2/10/11	Friday 2/11/11	Saturday 2/12/11	Sunday 2/13/11	Monday 2/14/11	Tuesday 2/15/11
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	87	179	270	360	430	501	583	679	760	833	917	1,013	1,109	1,205	1,285
Cumulative Availability, %	90.6%	93.2%	93.8%	93.8%	89.6%	87.0%	86.8%	88.4%	88.0%	86.8%	86.8%	87.9%	88.9%	89.7%	89.2%
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	60,437	121,845	184,209	246,223	304,903	363,794	427,463	492,337	552,728	612,900	674,231	737,060	798,835	863,776	924,720
Cumulative Capacity Factor	76.3%	76.9%	77.5%	77.7%	77.0%	76.6%	77.1%	77.7%	77.5%	77.4%	77.4%	77.6%	77.6%	77.9%	77.8%
Cumulative fuel input, MMBtu HHV	816	1,644	2,455	3,248	4,000	4,754	5,554	6,380	7,165	7,928	8,704	9,498	10,280	11,084	11,830
Cumulative gross output, kWhr	60,437	121,845	184,209	246,223	304,903	363,794	427,463	492,337	552,728	612,900	674,231	737,060	798,835	863,776	924,720
Heat Rate															
Daily heat rate, Btu/kWe gross LHV	12,157	12,133	11,704	11,514	11,541	11,524	11,310	11,457	11,712	11,410	11,394	11,372	11,400	11,132	11,029
Daily heat rate, Btu/kWe gross HHV	13,505	13,479	13,001	12,791	12,820	12,802	12,563	12,728	13,010	12,675	12,658	12,633	12,664	12,367	12,252
Cumulative heat rate, Btu/kWe gross LHV	12,157	12,145	11,996	11,874	11,810	11,764	11,696	11,665	11,670	11,644	11,622	11,600	11,585	11,551	11,516
Cumulative heat rate, Btu/kWe gross HHV	13,505	13,492	13,326	13,191	13,120	13,068	12,993	12,958	12,964	12,935	12,910	12,886	12,869	12,831	12,793
Cumulative by Facility starting Calendar Year															
Max cumulative available engine run hours	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	4,320
Actual cumulative engine run hours	2,310	2,402	2,493	2,583	2,653	2,724	2,806	2,902	2,983	3,056	3,140	3,236	3,332	3,428	3,508
Cumulative Availability, %	77.6%	78.2%	78.7%	79.1%	79.0%	78.8%	79.0%	79.6%	79.7%	79.6%	79.8%	80.3%	80.7%	81.2%	81.2%
Max cumulative gross output, kWhr	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	3,564,000
Actual cumulative gross output, kWhr	1,828,159	1,889,567	1,951,931	2,013,945	2,072,625	2,131,516	2,195,185	2,260,059	2,320,450	2,380,622	2,441,953	2,504,782	2,566,557	2,631,498	2,692,442
Cumulative Capacity Factor	74.5%	74.6%	74.7%	74.8%	74.8%	74.8%	74.9%	75.1%	75.1%	75.1%	75.2%	75.3%	75.4%	75.5%	75.5%
Cumulative fuel input, MMBtu HHV	24,923	25,751	26,561	27,355	28,107	28,861	29,661	30,486	31,272	32,035	32,811	33,605	34,387	35,190	35,937
Cumulative gross output, kWhr	1,884,085	1,945,493	2,007,857	2,069,871	2,128,551	2,187,442	2,251,111	2,315,985	2,376,376	2,436,548	2,497,879	2,560,708	2,622,483	2,687,424	2,748,368
Cumulative heat rate, Btu/kWe gross LHV	11,908	11,915	11,909	11,897	11,887	11,877	11,861	11,850	11,846	11,835	11,825	11,814	11,804	11,788	11,771
Cumulative heat rate, Btu/kWe gross HHV	13,228	13,236	13,229	13,216	13,205	13,194	13,176	13,164	13,160	13,148	13,136	13,123	13,112	13,094	13,076
Service															
Engine 1								835		Service, Fuel system bracket					
Engine 2		Fuel system bracket						63 for 20 min 775 -700		Service					
Engine 3			Fuel system bracket, Dungs valve unstuck					450							
Engine 4								775: 62 for 10 min	Off	Service					
Oil - oil and filter change															
Service - plugs, air filter, valve inspection and adjustment															
			Operations meeting					2835							TY PP tune 56 wells
			Start of heat rate improvement.					2750							Increase flow
								2310	440						Increase quality
NSTAR Power Reports															
Date	2/1/11	2/2/11	2/3/11	2/4/11	2/5/11	2/6/11	2/7/11	2/8/11	2/9/11	2/10/11	2/11/11	2/12/11	2/13/11	2/14/11	2/15/11
Hour															
1	2,472	2,511	2,639	2,687	2,420	2,429	2,488	2,800	2,495	2,558	2,446	2,562	2,494	2,591	2,625
2	2,428	2,507	2,593	2,691	2,424	2,473	2,491	2,800	2,479	2,562	2,457	2,564	2,510	2,588	2,609
3	2,139	2,513	2,585	2,689	2,503	2,455	2,450	2,812	2,458	2,557	2,465	2,566	2,509	2,587	2,602
4	2,395	2,517	2,584	2,687	2,514	2,450	2,450	2,723	2,424	2,530	2,460	2,568	2,438	2,590	2,596
5	2,489	2,504	2,579	2,780	2,514	2,408	2,478	2,770	2,456	2,530	2,459	2,570	2,484	2,590	2,593
6	2,482	2,495	2,579	1,861	2,513	2,430	2,503	2,812	2,424	2,530	2,462	2,569	2,480	2,587	2,586
7	2,485	2,502	2,570	1,943	2,518	2,430	2,503	2,799	2,429	2,530	2,465	2,567	2,477	2,590	2,583
8	2,484	2,498	2,565	2,415	2,516	2,428	2,503	2,801	2,448	2,556	2,465	2,569	2,487	2,598	2,590
9	2,493	2,335	2,488	2,615	2,524	2,438	2,511	2,801	2,424	2,553	2,457	2,584	2,483	2,590	2,538
10	2,527	2,360	2,463	2,730	2,521	2,439	2,519	2,803	2,424	2,522	2,460	2,589	2,490	2,597	2,294
11	2,705	2,482	2,478	2,742	2,520	2,445	2,519	2,800	2,468	2,531	2,465	2,594	2,495	2,597	2,443
12	2,708	2,352	2,540	2,597	2,522	2,449	2,528	2,800	2,491	2,561	2,461	2,595	2,503	2,607	2,458
13	2,345	2,480	2,405	2,748	2,524	2,477	2,533	2,781	2,516	2,460	2,460	2,597	2,502	2,660	2,475
14	2,458	2,568	2,206	2,528	2,523	2,477	2,640	2,821	2,529	2,459	2,561	2,596	2,500	2,751	2,483
15	2,557	2,586	2,769	2,503	2,526	2,461	2,746	2,742	2,543	2,447	2,561	2,596	2,584	2,803	2,479
16	2,499	2,632	2,691	2,671	2,527	2,443	2,765	2,659	2,545	2,460	2,579	2,592	2,592	2,820	2,476
17	2,510	2,626	2,692	2,672	2,521	2,450	2,891	2,689	2,670	2,453	2,569	2,576	2,591	2,828	2,476
18	2,509	2,674	2,620	2,653	2,523	2,450	2,876	2,648	2,546	2,447	2,553	2,555	2,592	2,801	2,472
19	2,499	2,531	2,630	2,654	2,526	2,427	2,867	2,625	2,550	2,440	2,548	2,547	2,587	2,749	2,471
20	2,495	2,318	2,647	2,600	2,525	2,475	2,867	2,593	2,546	2,441	2,547	2,510	2,584	2,742	2,483
21	2,494	2,481	2,664	2,009	2,524	2,479	2,859	2,525	2,589	2,443	2,550	2,500	2,587	2,704	2,482
22	2,534	2,598	2,670	2,483	2,177	2,483	2,858	2,500	2,550	2,442	2,554	2,499	2,589	2,659	2,482
23	2,080	2,605	2,668	2,490	1,573	2,493	2,860	2,500	2,557	2,444	2,557	2,490	2,584	2,642	2,154
24	2,509	2,597	2,667	2,667	2,097	2,488	2,829	2,502	2,551	2,449	2,562	2,488	2,586	2,630	1,810
TOTAL	59,296	60,272	61,992	61,115	58,575	58,877	63,534	65,106	60,112	59,905	60,123	61,443	60,728	63,901	59,260
Cumulative Output Sold, kWhr	59,296	119,568	181,560	242,675	301,250	360,127	423,661	488,767	548,879	608,784	668,907	730,350	791,078	854,979	914,239
Transformer and line efficiency	101.0%	101.0%	102.2%	101.4%	102.3%	102.5%	102.4%	103.3%	102.5%	102.3%	100.6%	100.4%	101.0%	101.0%	99.8%
Hourly average	2,471	2,511	2,583	2,546	2,441	2,453	2,647	2,713	2,505	2,496	2,505	2,560	2,530	2,663	2,469

FEBRUARY 2011														
CNBE Daily Reports Summary Data														
	Wednesday 2/16/11	Thursday 2/17/11	Friday 2/18/11	Saturday 2/19/11	Sunday 2/20/11	Monday 2/21/11	Tuesday 2/22/11	Wednesday 2/23/11	Thursday 2/24/11	Friday 2/25/11	Saturday 2/26/11	Sunday 2/27/11	Monday 2/28/11	TOTAL
Landfill Gas Flow to the Engines (KSCF)	1,415	1,453	1,534	1,554	1,536	1,520	1,482	1,391	1,452	1,388	1,403	1,399	1,399	41,553
Landfill Gas Flow to the Engines (MMBTU HHV)	716	767	805	798	770	780	761	734	767	757	751	748	755	21,737
Landfill Gas Flow to the Flare (KSCF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Flow to the Flare (MMBTU HHV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Total Flow (KSCF)	1,415	1,453	1,534	1,554	1,536	1,520	1,482	1,391	1,452	1,388	1,403	1,399	1,399	41,553
Landfill Gas Total Flow (MMBTU HHV)	716	767	805	798	770	780	761	734	767	757	751	748	755	21,737
Average Methane Content (%)	50.0	52.2	51.8	50.8	49.5	50.7	50.7	52.2	52.2	53.9	52.9	52.8	53.3	51.7
Engine 1 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	646
Engine 2 Hours	24	24	24	24	12	-	-	-	11	24	24	24	24	560
Engine 3 Hours	-	13	24	24	24	24	24	24	14	-	-	-	-	445
Engine 4 Hours	24	52	24	24	24	24	24	24	24	24	24	24	24	672
Generator 1 Power Output (kWhr)	19,598	18,314	16,680	16,474	17,921	20,141	20,183	18,511	20,003	19,900	19,850	19,940	20,012	491,802
Generator 2 Power Output (kWhr)	20,080	18,756	17,107	16,948	7,951	-	-	-	8,063	20,184	20,203	20,447	20,472	415,340
Generator 3 Power Output (kWhr)	-	6,344	12,540	12,181	16,043	20,605	20,581	18,695	12,232	-	-	-	-	294,126
Generator 4 Power Output (kWhr)	19,100	17,738	15,534	13,921	16,841	19,661	17,427	16,247	19,442	19,168	19,340	19,314	19,289	487,275
Gross Power Output (kWhr)	59,149	61,631	62,508	60,156	59,173	60,621	58,443	53,715	59,951	59,450	59,680	59,855	59,996	1,699,048
Net Power Output (kWhr)	57,811	60,147	60,844	58,469	57,575	59,064	56,854	52,225	58,443	58,006	58,187	58,375	58,485	1,654,503
Power Sold as metered by NStar, (kWhr)	58,224	61,558	61,383	58,554	57,809	59,395	56,929	52,646	58,683	58,893	58,679	58,975	59,088	1,675,055
Offgrid RECs (kWhr)	1,338	1,484	1,664	1,687	1,598	1,557	1,589	1,490	1,508	1,444	1,493	1,480	1,511	44,545
Calculated Performance Results														
Daily														
Power output (kW average when running)														
Generator 1	817	763	695	686	747	839	841	771	833	829	827	831	834	
Generator 2	837	782	713	706	663	-	-	-	733	841	842	852	853	
Generator 3	-	488	523	508	668	859	858	779	874	-	-	-	-	
Generator 4	796	342	647	580	702	819	726	677	810	799	806	805	804	
Power output (kW average over 24-hrs)														
Facility Gross	2,465	2,568	2,605	2,507	2,466	2,526	2,435	2,238	2,498	2,477	2,487	2,494	2,500	
Facility Net	2,409	2,506	2,535	2,436	2,399	2,461	2,369	2,176	2,435	2,417	2,424	2,432	2,437	
In-plant load	56	62	69	70	67	65	66	62	63	60	62	62	63	
Daily availability factor														
Facility	75%	118%	100%	100%	88%	75%	75%	75%	76%	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%	50%	0%	0%	0%	46%	100%	100%	100%	100%	
Engine 3	0%	54%	100%	100%	100%	100%	100%	100%	58%	0%	0%	0%	0%	
Engine 4	100%	216%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Daily capacity factor														
Facility	75%	78%	79%	76%	75%	77%	74%	68%	76%	75%	75%	76%	76%	
Engine 1	99%	92%	84%	83%	91%	102%	102%	93%	101%	101%	100%	101%	101%	
Engine 2	101%	95%	86%	86%	80%	0%	0%	0%	89%	102%	102%	103%	103%	
Engine 3	0%	59%	63%	62%	81%	104%	104%	94%	106%	0%	0%	0%	0%	
Engine 4	96%	41%	78%	70%	85%	99%	88%	82%	98%	97%	98%	98%	97%	
Cumulative by engine														
Engine operating run hours in the month														
Max Cumulative Available, hours	384	408	432	456	480	504	528	552	576	600	624	648	672	
Engine 1	358	382	406	430	454	478	502	526	550	574	598	622	646	
Engine 2	369	393	417	441	453	453	453	453	464	488	512	536	560	
Engine 3	274	287	311	335	359	383	407	431	445	445	445	445	445	
Engine 4	356	407.9	431.9	455.9	479.9	503.9	527.9	551.9	575.9	600	624	648	672	
Engine operating run hours total from 0 hours														
Engine 1	44,141	44,165	44,189	44,213	44,237	44,261	44,285	44,309	44,333	44,357	44,381	44,405	44,429	
Engine 2	43,248	43,272	43,296	43,320	43,332	43,332	43,332	43,332	43,343	43,367	43,391	43,415	43,439	
Engine 3	43,233	43,246	43,270	43,294	43,318	43,342	43,366	43,390	43,404	43,404	43,404	43,404	43,404	
Engine 4	42,022	42,074	42,098	42,122	42,146	42,170	42,194	42,218	42,242	42,266	42,290	42,314	42,338	
Cumulative availability, %														
Engine 1	93%	94%	94%	94%	95%	95%	95%	95%	95%	96%	96%	96%	96%	
Engine 2	96%	96%	97%	97%	94%	90%	86%	82%	81%	81%	82%	83%	83%	
Engine 3	71%	70%	72%	73%	75%	76%	77%	77%	74%	74%	71%	69%	66%	
Engine 4	93%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine cumulative gross output, kWhr														
Max cumulative capacity one engine	13,200	14,025	14,850	15,675	16,500	17,325	18,150	18,975	19,800	20,625	21,450	22,275	23,100	
Engine 1	11,717	12,480	13,175	13,862	14,608	15,448	16,289	17,060	17,893	18,722	19,550	20,380	21,214	
Engine 2	11,282	12,063	12,776	13,482	14,145	14,145	14,145	14,145	14,878	15,719	16,561	17,412	18,265	
Engine 3	8,176	8,664	9,186	9,694	10,362	11,221	12,078	12,857	13,731	13,731	13,731	13,731	13,731	
Engine 4	12,234	12,576	13,223	13,803	14,505	15,324	16,050	16,727	17,537	18,336	19,142	19,946	20,750	
Cumulative capacity factor, %														
Engine 1	89%	89%	89%	88%	89%	89%	90%	90%	90%	91%	91%	91%	92%	
Engine 2	85%	86%	86%	86%	86%	82%	78%	75%	75%	76%	77%	78%	79%	
Engine 3	62%	62%	62%	62%	63%	65%	67%	68%	69%	67%	64%	62%	59%	
Engine 4	93%	90%	89%	88%	88%	88%	88%	88%	89%	89%	89%	90%	90%	

	Wednesday 2/16/11	Thursday 2/17/11	Friday 2/18/11	Saturday 2/19/11	Sunday 2/20/11	Monday 2/21/11	Tuesday 2/22/11	Wednesday 2/23/11	Thursday 2/24/11	Friday 2/25/11	Saturday 2/26/11	Sunday 2/27/11	Monday 2/28/11	TOTAL
Cumulative by Facility in month														
Max cumulative available engine run hours	1,536	1,632	1,728	1,824	1,920	2,016	2,112	2,208	2,304	2,400	2,496	2,592	2,688	
Actual cumulative engine run hours	1,357	1,470	1,566	1,662	1,746	1,818	1,890	1,962	2,035	2,107	2,179	2,251	2,323	
Cumulative Availability, %	88.3%	90.1%	90.6%	91.1%	90.9%	90.2%	89.5%	88.9%	88.3%	87.8%	87.3%	86.8%	86.4%	
Max cumulative gross output, kWhr	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, kWhr	983,869	1,045,500	1,108,008	1,168,164	1,227,337	1,287,958	1,346,401	1,400,116	1,460,067	1,519,517	1,579,197	1,639,052	1,699,048	
Cumulative Capacity Factor	77.6%	77.7%	77.7%	77.6%	77.5%	77.4%	77.3%	76.9%	76.8%	76.7%	76.7%	76.6%	76.6%	
Cumulative fuel input, MMBtu HHV	12,546	13,313	14,118	14,916	15,686	16,465	17,226	17,960	18,726	19,483	20,233	20,982	21,737	
Cumulative gross output, kWhr	983,869	1,045,500	1,108,008	1,168,164	1,227,337	1,287,958	1,346,401	1,400,116	1,460,067	1,519,517	1,579,197	1,639,052	1,699,048	
Heat Rate														
Daily heat rate, Btu/kWe gross LHV	10,891	11,207	11,590	11,945	11,706	11,575	11,714	12,301	11,512	11,455	11,322	11,251	11,328	
Daily heat rate, Btu/kWe gross HHV	12,098	12,450	12,875	13,269	13,004	12,859	13,013	13,665	12,789	12,725	12,577	12,499	12,584	
Cumulative heat rate, Btu/kWe gross LHV	11,479	11,463	11,470	11,494	11,505	11,508	11,517	11,547	11,546	11,542	11,534	11,523	11,517	
Cumulative heat rate, Btu/kWe gross HHV	12,751	12,734	12,742	12,769	12,780	12,784	12,794	12,827	12,826	12,822	12,812	12,801	12,793	
Cumulative by Facility starting Calendar Year														
Max cumulative available engine run hours	4,416	4,512	4,608	4,704	4,800	4,896	4,992	5,088	5,184	5,280	5,376	5,472	5,568	
Actual cumulative engine run hours	3,580	3,693	3,789	3,885	3,969	4,041	4,113	4,185	4,258	4,330	4,402	4,474	4,546	
Cumulative Availability, %	81.1%	81.8%	82.2%	82.6%	82.7%	82.5%	82.4%	82.3%	82.1%	82.0%	81.9%	81.8%	81.6%	
Max cumulative gross output, kWhr	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	4,593,600	
Actual cumulative gross output, kWhr	2,751,591	2,813,222	2,875,730	2,935,886	2,995,059	3,055,680	3,114,123	3,167,838	3,227,789	3,287,239	3,346,919	3,406,774	3,466,770	
Cumulative Capacity Factor	75.5%	75.6%	75.6%	75.7%	75.6%	75.7%	75.6%	75.5%	75.5%	75.5%	75.5%	75.5%	75.5%	
Cumulative fuel input, MMBtu HHV	36,653	37,420	38,225	39,023	39,792	40,572	41,332	42,066	42,833	43,590	44,340	45,088	45,843	
Cumulative gross output, kWhr	2,807,517	2,869,148	2,931,656	2,991,812	3,050,985	3,111,606	3,170,049	3,223,764	3,283,715	3,343,165	3,402,845	3,462,700	3,522,696	
Cumulative heat rate, Btu/kWe gross LHV	11,752	11,741	11,737	11,741	11,741	11,738	11,737	11,747	11,742	11,737	11,730	11,722	11,715	
Cumulative heat rate, Btu/kWe gross HHV	13,055	13,042	13,039	13,043	13,042	13,039	13,038	13,049	13,044	13,038	13,030	13,021	13,014	
Service														
Engine 1														
Engine 2														
Engine 3														
Engine 4														
Oil - oil and filter change								Connected 4th well						
Service - plugs, air filter, valve inspection and adjust														
NSTAR Power Reports	Wednesday 2/16/11	Thursday 2/17/11	Friday 2/18/11	Saturday 2/19/11	Sunday 2/20/11	Monday 2/21/11	Tuesday 2/22/11	Wednesday 2/23/11	Thursday 2/24/11	Friday 2/25/11	Saturday 2/26/11	Sunday 2/27/11	Monday 2/28/11	TOTAL
Date	2/16/11	2/17/11	2/18/11	2/19/11	2/20/11	2/21/11	2/22/11	2/23/11	2/24/11	2/25/11	2/26/11	2/27/11	2/28/11	TOTAL
Hour														
1	2,386	2,465	2,582	2,485	2,384	2,466	2,468	2,280	2,425	2,459	2,416	2,469	2,455	
2	2,478	2,470	2,577	2,483	2,387	2,465	2,464	2,275	2,427	2,460	2,421	2,467	2,454	
3	2,468	2,472	2,576	2,486	2,378	2,469	2,462	2,275	2,431	2,464	2,420	2,467	2,449	
4	2,460	2,474	2,580	2,483	2,369	2,473	2,468	2,275	2,429	2,461	2,418	2,472	2,447	
5	2,446	2,471	2,578	2,480	2,348	2,475	2,468	2,276	2,427	2,464	2,401	2,468	2,450	
6	2,456	2,474	2,581	2,458	2,347	2,474	2,458	2,277	2,427	2,469	2,405	2,468	2,458	
7	2,458	2,486	2,578	2,465	2,347	2,475	2,453	2,275	2,433	2,461	2,421	2,469	2,457	
8	2,464	2,485	2,583	2,468	2,347	2,477	2,450	2,273	2,435	2,461	2,449	2,472	2,471	
9	2,470	2,473	2,580	2,454	2,352	2,480	2,457	1,402	2,452	2,464	2,432	2,467	2,465	
10	2,478	2,474	2,583	2,467	2,355	2,479	2,456	982	2,451	2,463	2,450	2,467	2,465	
11	2,482	2,463	2,591	2,456	2,360	2,481	2,366	979	2,455	2,466	2,432	2,471	2,469	
12	2,478	2,689	2,590	2,455	2,319	2,486	2,235	1,891	2,452	2,456	2,434	2,466	2,465	
13	2,481	2,959	2,587	2,446	2,456	2,483	2,297	2,426	2,424	2,448	2,454	2,466	2,466	
14	1,730	2,759	2,581	2,432	2,458	2,484	2,419	2,436	2,440	2,439	2,451	2,470	2,459	
15	2,428	2,652	2,547	2,430	2,457	2,489	2,428	2,437	2,478	2,447	2,469	2,459	2,461	
16	2,434	2,607	2,548	2,427	2,461	2,482	2,310	2,438	2,448	2,452	2,465	2,441	2,463	
17	2,446	2,600	2,543	2,419	2,460	2,477	2,286	2,435	2,454	2,454	2,469	2,437	2,465	
18	2,435	2,591	2,537	2,412	2,458	2,473	2,285	2,436	2,454	2,446	2,467	2,432	2,464	
19	2,448	2,587	2,535	2,406	2,460	2,472	2,284	2,435	2,457	2,445	2,465	2,428	2,470	
20	2,453	2,585	2,540	2,403	2,461	2,468	2,283	2,435	2,454	2,441	2,466	2,427	2,465	
21	2,455	2,584	2,537	2,389	2,458	2,469	2,279	2,433	2,455	2,455	2,471	2,431	2,469	
22	2,456	2,578	2,493	2,378	2,458	2,466	2,281	2,427	2,458	2,459	2,467	2,447	2,466	
23	2,464	2,582	2,468	2,383	2,461	2,468	2,286	2,424	2,456	2,452	2,466	2,453	2,470	
24	2,470	2,578	2,488	2,389	2,468	2,464	2,286	2,424	2,461	2,407	2,470	2,461	2,465	
TOTAL	58,224	61,558	61,383	58,554	57,809	59,395	56,929	52,646	58,683	58,893	58,679	58,975	59,088	
Cumulative Output Sold, kWhr	972,463	1,034,021	1,095,404	1,153,958	1,211,767	1,271,162	1,328,091	1,380,737	1,439,420	1,498,313	1,556,992	1,615,967	1,675,055	
Transformer and line efficiency	100.7%	102.3%	100.9%	100.1%	100.4%	100.6%	100.1%	100.8%	100.4%	101.5%	100.8%	101.0%	101.0%	0.0%
Hourly average	2,426	2,565	2,558	2,440	2,409	2,475	2,372	2,194	2,445	2,454	2,445	2,457	2,462	2,493

MARCH 2011																
CNBE Daily Reports Summary Data																
	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	DLST			
	3/1/11	3/2/11	3/3/11	3/4/11	3/5/11	3/6/11	3/7/11	3/8/11	3/9/11	3/10/11	3/11/11	3/12/11	Sunday	Monday	Tuesday	
Landfill Gas Flow to the Engines (KSCF)	1,428	1,428	1,413	1,422	1,414	1,405	1,402	1,436	1,437	1,420	1,358	1,400	1,375	1,427	1,438	
Landfill Gas Flow to the Engines (MMBTU HHV)	753	753	721	725	734	739	743	736	743	752	743	761	736	748	744	
Landfill Gas Flow to the Flare (KSCF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Flow to the Flare (MMBTU HHV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Total Flow (KSCF)	1,428	1,428	1,413	1,422	1,414	1,405	1,402	1,436	1,437	1,420	1,358	1,400	1,375	1,427	1,438	
Landfill Gas Total Flow (MMBTU HHV)	753	753	721	725	734	739	743	736	743	752	743	761	736	748	744	
Average Methane Content (%)	52.1	52.1	50.4	50.4	51.3	52.0	52.4	50.6	51.1	52.3	54.1	53.7	52.8	51.8	51.1	
Engine 1 Hours	24	24	24	24	24	24	24	24	24	24	24	24	23	24	24	
Engine 2 Hours	24	24	24	24	24	24	24	24	24	24	24	24	23	24	24	
Engine 3 Hours	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	
Engine 4 Hours	24	24	24	24	24	24	24	24	24	23	24	24	23	24	24	
Generator 1 Power Output (kWhr)	20,090	20,090	19,684	20,105	20,101	19,986	19,872	19,865	19,924	19,874	19,796	19,772	19,232	19,763	19,843	
Generator 2 Power Output (kWhr)	20,549	20,549	20,042	20,418	20,703	20,575	20,515	20,371	20,689	20,703	20,500	20,540	19,986	20,523	20,464	
Generator 3 Power Output (kWhr)	-	-	-	-	-	-	-	-	-	796	-	-	-	-	-	
Generator 4 Power Output (kWhr)	19,429	19,429	18,531	18,309	18,332	18,220	18,247	18,346	18,640	17,383	15,806	19,426	18,859	19,100	19,372	
Gross Power Output (kWhr)	60,390	60,390	58,667	59,234	59,419	59,006	59,152	59,202	59,801	58,936	55,024	60,320	58,599	59,899	60,192	
Net Power Output (kWhr)	58,833	58,833	57,185	57,773	57,985	57,555	57,697	57,704	58,318	57,484	53,638	58,892	57,171	58,421	58,694	
Power Sold as metered by NStar, (kWhr)	59,007	59,184	58,050	57,994	58,252	58,200	58,106	57,818	58,352	57,598	54,198	59,300	56,696	58,882	58,952	
Offgrid RECs (kWhr)	1,557	1,557	1,482	1,461	1,434	1,451	1,455	1,498	1,483	1,452	1,386	1,428	1,428	1,478	1,498	
Calculated Performance Results																
Daily																
Power output (kW average when running)																
Generator 1	837	837	820	838	838	833	828	828	830	828	825	824	836	823	827	
Generator 2	856	856	835	851	863	857	855	849	862	863	854	856	869	855	853	
Generator 3	-	-	-	-	-	-	-	-	-	398	-	-	-	-	-	
Generator 4	810	810	772	763	764	759	760	764	777	756	659	809	820	796	807	
Power output (kW average over 24-hrs)																
Facility Gross	2,516	2,516	2,444	2,468	2,476	2,459	2,465	2,467	2,492	2,456	2,293	2,513	2,548	2,496	2,508	
Facility Net	2,451	2,451	2,383	2,407	2,416	2,398	2,404	2,404	2,430	2,395	2,235	2,454	2,486	2,434	2,446	
In-plant load	65	65	62	61	60	60	61	62	62	61	58	60	62	62	62	
Daily availability factor																
Facility	75%	75%	75%	75%	75%	75%	75%	75%	75%	76%	76%	75%	75%	75%	75%	
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	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%	4%	0%	0%	0%	0%	
Engine 4	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	100%	100%	
Daily capacity factor																
Facility	76%	76%	74%	75%	75%	75%	75%	75%	76%	74%	69%	76%	77%	76%	76%	
Engine 1	101%	101%	99%	102%	102%	101%	100%	100%	101%	100%	100%	100%	101%	100%	100%	
Engine 2	104%	104%	101%	103%	105%	104%	104%	103%	104%	105%	104%	104%	105%	104%	103%	
Engine 3	0%	0%	0%	0%	0%	0%	0%	0%	0%	48%	0%	0%	0%	0%	0%	
Engine 4	98%	98%	94%	92%	93%	92%	92%	93%	94%	92%	80%	98%	99%	96%	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	24	48	72	96	120	144	168	192	216	240	264	288	311	335	359	
Engine 2	24	48	72	96	120	144	168	192	216	240	264	288	311	335	359	
Engine 3	0	0	0	0	0	0	0	0	0	2	3	3	3	3	3	
Engine 4	24	48	72	96	120	144	168	192	216	239	263	287	310	334	358	
Engine operating run hours total from 0 hours																
Engine 1	44,429	44,453	44,477	44,501	44,525	44,549	44,573	44,597	44,621	44,645	44,669	44,693	44,716	44,740	44,764	
Engine 2	43,439	43,463	43,487	43,511	43,535	43,559	43,583	43,607	43,631	43,655	43,679	43,703	43,726	43,750	43,774	
Engine 3	43,404	43,404	43,404	43,404	43,404	43,404	43,404	43,404	43,404	43,406	43,407	43,407	43,407	43,407	43,407	
Engine 4	42,338	42,362	42,386	42,410	42,434	42,458	42,482	42,506	42,530	42,553	42,577	42,601	42,624	42,648	42,672	
Cumulative availability, %																
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	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%	1%	1%	
Engine 4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	99%	99%	
Engine cumulative gross output, kWhr																
Max cumulative capacity one engine	825	1,650	2,475	3,300	4,125	4,950	5,775	6,600	7,425	8,250	9,075	9,900	10,725	11,550	12,375	
Engine 1	837	1,674	2,494	3,332	4,170	5,002	5,830	6,658	7,488	8,316	9,141	9,965	10,801	11,625	12,451	
Engine 2	856	1,712	2,548	3,398	4,261	5,118	5,973	6,822	7,684	8,546	9,401	10,256	11,125	11,980	12,833	
Engine 3	-	-	-	-	-	-	-	-	-	398	398	398	398	398	398	
Engine 4	810	1,619	2,391	3,154	3,918	4,677	5,437	6,202	6,978	7,734	8,393	9,202	10,022	10,818	11,625	
Cumulative capacity factor, %																
Engine 1	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	101%	
Engine 2	104%	104%	103%	103%	103%	103%	103%	103%	103%	104%	104%	104%	104%	104%	104%	
Engine 3	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	4%	4%	4%	3%	3%	
Engine 4	98%	98%	97%	96%	95%	94%	94%	94%	94%	94%	92%	93%	93%	94%	94%	

		Tuesday 3/1/11	Wednesday 3/2/11	Thursday 3/3/11	Friday 3/4/11	Saturday 3/5/11	Sunday 3/6/11	Monday 3/7/11	Tuesday 3/8/11	Wednesday 3/9/11	Thursday 3/10/11	Friday 3/11/11	Saturday 3/12/11	Sunday 3/13/11	Monday 3/14/11	Tuesday 3/15/11
Cumulative by Facility in month																
	Max cumulative available engine run hours	96	192	288	384	480	576	672	768	864	960	1,056	1,152	1,248	1,344	1,440
	Actual cumulative engine run hours	72	144	216	288	360	432	504	576	648	721	794	866	935	1,007	1,079
	Cumulative Availability, %	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	75.1%	75.2%	75.2%	74.9%	74.9%	74.9%
	Max cumulative gross output, kWhr	79,200	158,400	237,600	316,800	396,000	475,200	554,400	633,600	712,800	792,000	871,200	950,400	1,029,600	1,108,800	1,188,000
	Actual cumulative gross output, kWhr	60,390	120,780	179,447	238,681	298,100	357,106	416,258	475,460	535,261	594,197	649,221	709,541	768,140	828,039	888,231
	Cumulative Capacity Factor	76.3%	76.3%	75.5%	75.3%	75.3%	75.1%	75.1%	75.0%	75.1%	75.0%	74.5%	74.7%	74.6%	74.7%	74.8%
	Cumulative fuel input, MMBtu HHV	753	1,505	2,226	2,951	3,684	4,424	5,167	5,903	6,646	7,398	8,141	8,902	9,638	10,385	11,129
	Cumulative gross output, kWhr	60,390	120,780	179,447	238,681	298,100	357,106	416,258	475,460	535,261	594,197	649,221	709,541	768,140	828,039	888,231
Heat Rate																
	Daily heat rate, Btu/kWe gross LHV	11,217	11,217	11,062	11,015	11,116	11,279	11,310	11,188	11,189	11,483	12,159	11,357	11,300	11,235	11,122
	Daily heat rate, Btu/kWe gross HHV	12,461	12,461	12,288	12,236	12,348	12,529	12,564	12,429	12,430	12,756	13,507	12,616	12,553	12,481	12,355
	Cumulative heat rate, Btu/kWe gross LHV	11,217	11,217	11,166	11,129	11,126	11,151	11,174	11,176	11,177	11,208	11,288	11,294	11,294	11,290	11,279
	Cumulative heat rate, Btu/kWe gross HHV	12,461	12,461	12,404	12,363	12,360	12,388	12,413	12,415	12,416	12,450	12,540	12,546	12,547	12,542	12,529
Cumulative by Facility starting Calendar Year																
	Max cumulative available engine run hours	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	7,008
	Actual cumulative engine run hours	4,618	4,690	4,762	4,834	4,906	4,978	5,050	5,122	5,194	5,267	5,340	5,412	5,481	5,553	5,625
	Cumulative Availability, %	81.5%	81.4%	81.3%	81.2%	81.1%	81.0%	80.9%	80.8%	80.8%	80.7%	80.6%	80.5%	80.4%	80.3%	80.3%
	Max cumulative gross output, kWhr	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	5,781,600
	Actual cumulative gross output, kWhr	3,527,160	3,587,550	3,646,217	3,705,451	3,764,870	3,823,876	3,883,028	3,942,230	4,002,031	4,060,967	4,115,991	4,176,311	4,234,910	4,294,809	4,355,001
	Cumulative Capacity Factor	75.5%	75.5%	75.5%	75.5%	75.5%	75.4%	75.4%	75.4%	75.4%	75.4%	75.3%	75.3%	75.3%	75.3%	75.3%
	Cumulative fuel input, MMBtu HHV	24,859	25,612	26,333	27,057	27,791	28,530	29,274	30,009	30,753	31,505	32,248	33,009	33,744	34,492	35,236
	Cumulative gross output, kWhr	1,884,038	1,944,428	2,003,095	2,062,329	2,121,748	2,180,754	2,239,906	2,299,108	2,358,909	2,417,845	2,477,869	2,533,189	2,591,788	2,651,687	2,711,879
	Cumulative heat rate, Btu/kWe gross LHV	11,878	11,857	11,834	11,810	11,791	11,777	11,765	11,750	11,736	11,730	11,739	11,730	11,720	11,709	11,696
	Cumulative heat rate, Btu/kWe gross HHV	13,195	13,172	13,146	13,120	13,098	13,083	13,069	13,053	13,037	13,030	13,041	13,031	13,020	13,008	12,993
Service																
	Engine 1															
	Engine 2															
	Engine 3															
	Engine 4															
Oil - oil and filter change																
Service - plugs, air filter, valve inspection and adjustment																
			</													

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	Wednesday 3/16/11	Thursday 3/17/11	Friday 3/18/11	Saturday 3/19/11	Sunday 3/20/11	Monday 3/21/11	Tuesday 3/22/11	Wednesday 3/23/11	Thursday 3/24/11	Friday 3/25/11	Saturday 3/26/11	Sunday 3/27/11	Monday 3/28/11	Tuesday 3/29/11	Wednesday 3/30/11	Thursday 3/31/11	TOTAL
Landfill Gas Flow to the Engines (KSCF)	1,434	1,424	1,399	1,530	1,507	1,412	1,489	1,453	1,481	1,451	1,383	1,480	1,460	1,436	1,375	1,393	44,310
Landfill Gas Flow to the Engines (MMBTU HHV)	759	755	759	789	757	751	787	768	787	768	750	792	777	760	737	741	23,366
Landfill Gas Flow to the Flare (KSCF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Flow to the Flare (MMBTU HHV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas Total Flow (KSCF)	1,434	1,424	1,399	1,530	1,507	1,412	1,489	1,453	1,481	1,451	1,383	1,480	1,460	1,436	1,375	1,393	44,310
Landfill Gas Total Flow (MMBTU HHV)	759	755	759	789	757	751	787	768	787	768	750	792	777	760	737	741	23,366
Average Methane Content (%)	52.3	52.3	53.6	51.0	49.6	52.6	52.2	52.2	52.5	52.3	53.6	52.9	52.6	52.3	53.0	52.5	52.1
Engine 1 Hours	24	24	24	24	24	24	24	24	24	24	13	2	-	13	24	23	674
Engine 2 Hours	24	24	23	24	24	11	2	3	3	12	24	24	24	23	24	23	651
Engine 3 Hours	-	-	16	24	24	24	24	24	24	14	11	24	24	15	-	10	261
Engine 4 Hours	24	51	11	-	-	14	24	24	24	24	24	24	24	24	24	23	697
Generator 1 Power Output (kWhr)	19,917	19,840	18,534	20,112	19,334	18,819	19,757	19,531	20,043	20,061	9,918	431	-	10,058	19,331	16,356	550,039
Generator 2 Power Output (kWhr)	20,489	20,432	18,778	20,758	19,654	7,949	828	290	307	8,124	19,349	20,171	19,893	18,020	20,019	17,355	539,543
Generator 3 Power Output (kWhr)	-	-	11,350	20,615	19,549	19,200	20,404	20,039	20,399	10,259	6,364	19,964	20,121	11,593	-	5,574	206,227
Generator 4 Power Output (kWhr)	19,501	19,616	7,441	-	-	10,775	19,235	19,076	19,439	19,561	19,131	19,473	19,255	18,993	19,076	16,112	524,113
Gross Power Output (kWhr)	60,442	60,418	56,722	62,245	59,255	57,281	60,638	59,248	60,578	58,430	55,094	60,246	59,430	59,080	59,057	56,076	1,832,471
Net Power Output (kWhr)	58,956	58,883	55,220	60,582	57,685	55,802	59,029	57,720	58,958	56,844	53,675	58,635	57,873	57,571	57,652	54,585	1,785,853
Power Sold as metered by NStar, (kWhr)	58,970	59,079	55,508	60,575	57,452	57,047	58,844	58,810	58,988	56,558	54,400	58,555	57,997	57,825	58,595	55,430	1,795,222
Offgrid RECs (kWhr)	1,486	1,535	1,502	1,663	1,570	1,479	1,609	1,528	1,620	1,586	1,419	1,611	1,557	1,509	1,405	1,491	46,618
Calculated Performance Results																	
Daily																	
Power output (kW average when running)																	
Generator 1	830	827	772	838	806	784	823	814	835	836	763	216	-	774	805	711	
Generator 2	854	851	816	865	819	723	414	97	102	677	806	840	829	783	834	755	
Generator 3	-	-	709	859	815	800	850	835	850	733	579	832	838	773	-	557	
Generator 4	813	385	676	-	-	770	801	795	810	815	797	811	802	791	795	701	
Power output (kW average over 24-hrs)																	
Facility Gross	2,518	2,517	2,363	2,594	2,469	2,387	2,527	2,469	2,524	2,435	2,296	2,510	2,476	2,462	2,461	2,337	
Facility Net	2,457	2,453	2,301	2,524	2,404	2,325	2,460	2,405	2,457	2,369	2,236	2,443	2,411	2,399	2,402	2,274	
In-plant load	62	64	63	69	65	62	67	64	68	66	59	67	65	63	59	62	
Daily availability factor																	
Facility	75%	103%	77%	75%	75%	76%	77%	78%	78%	77%	75%	77%	75%	78%	75%	82%	
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	54%	8%	0%	54%	100%	96%	
Engine 2	100%	100%	96%	100%	100%	46%	8%	13%	13%	50%	100%	100%	100%	96%	100%	96%	
Engine 3	0%	0%	67%	100%	100%	100%	100%	100%	100%	58%	46%	100%	100%	63%	0%	42%	
Engine 4	100%	213%	46%	0%	0%	58%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	
Daily capacity factor																	
Facility	76%	76%	72%	79%	75%	72%	77%	75%	76%	74%	70%	76%	75%	75%	75%	71%	
Engine 1	101%	100%	94%	102%	95%	95%	100%	99%	101%	101%	92%	26%	0%	94%	98%	86%	
Engine 2	103%	103%	99%	105%	99%	88%	50%	12%	12%	82%	98%	102%	100%	95%	101%	91%	
Engine 3	0%	0%	86%	104%	99%	97%	103%	101%	103%	89%	70%	101%	102%	94%	0%	68%	
Engine 4	98%	47%	82%	0%	0%	93%	97%	96%	98%	99%	97%	98%	97%	96%	96%	85%	
Cumulative by engine																	
Engine operating run hours in the month																	
Max Cumulative Available, hours	384	408	432	456	480	504	528	552	576	600	624	648	672	696	720	720	
Engine 1	383	407	431	455	479	503	527	551	575	599	612	614	614	627	651	650	
Engine 2	383	407	430	454	478	489	491	494	497	509	533	557	581	604	628	627	
Engine 3	3	3	19	43	67	91	115	139	163	177	188	212	236	251	251	261	
Engine 4	382	433	444	444	444	458	482	506	530	554	578	602	626	650	674	673	
Engine operating run hours total from 0 hours																	
Engine 1	44,788	44,812	44,836	44,860	44,884	44,908	44,932	44,956	44,980	45,004	45,017	45,019	45,019	45,032	45,056	45,055	
Engine 2	43,798	43,822	43,845	43,869	43,893	43,904	43,906	43,909	43,912	43,924	43,948	43,972	43,996	44,019	44,043	44,042	
Engine 3	43,407	43,407	43,423	43,447	43,471	43,495	43,519	43,543	43,567	43,581	43,592	43,616	43,640	43,665	43,665	43,665	
Engine 4	42,696	42,747	42,758	42,758	42,758	42,772	42,796	42,820	42,844	42,868	42,892	42,916	42,940	42,964	42,988	42,987	
Cumulative availability, %																	
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	98%	95%	91%	90%	90%	90%	
Engine 2	100%	100%	100%	100%	100%	97%	93%	89%	86%	85%	85%	86%	86%	87%	87%	87%	
Engine 3	1%	1%	4%	9%	14%	18%	22%	25%	28%	30%	30%	33%	36%	36%	35%	36%	
Engine 4	99%	106%	103%	97%	93%	91%	91%	92%	92%	92%	93%	93%	93%	93%	94%	93%	
Engine cumulative gross output, kWhr																	
Max cumulative capacity one engine	13,200	14,025	14,850	15,675	16,500	17,325	18,150	18,975	19,800	20,625	21,450	22,275	23,100	23,925	24,750	24,750	
Engine 1	13,281	14,108	14,890	15,718	16,524	17,308	18,131	18,945	19,780	20,616	21,379	21,594	22,368	23,173	23,079	23,079	
Engine 2	13,687	14,538	15,355	16,220	17,038	17,761	18,175	18,272	18,374	19,051	19,857	20,698	21,527	22,310	23,144	23,065	
Engine 3	398	398	1,107	1,966	2,781	3,581	4,431	5,266	6,116	6,849	7,427	8,259	9,097	9,870	10,428	10,428	
Engine 4	12,438	12,822	13,499	13,499	13,499	14,268	15,070	15,865	16,675	17,490	18,287	19,098	19,901	20,692	21,487	21,392	
Cumulative capacity factor, %																	
Engine 1	101%	101%	100%	100%	100%	100%	100%	100%	100%	100%	100%	97%	93%	93%	94%	93%	
Engine 2	104%	104%	103%	103%	103%	103%	100%	96%	93%	92%	93%	93%	93%	93%	94%	93%	
Engine 3	3%	3%	7%	13%	17%	21%	24%	28%	31%	33%	35%	37%	39%	41%	40%	42%	
Engine 4	94%	91%	91%	86%	82%	82%	83%	84%	84%	85%	85%	86%	86%	86%	87%	86%	

		Wednesday 3/16/11	Thursday 3/17/11	Friday 3/18/11	Saturday 3/19/11	Sunday 3/20/11	Monday 3/21/11	Tuesday 3/22/11	Wednesday 3/23/11	Thursday 3/24/11	Friday 3/25/11	Saturday 3/26/11	Sunday 3/27/11	Monday 3/28/11	Tuesday 3/29/11	Wednesday 3/30/11	Thursday 3/31/11	TOTAL
Cumulative by Facility in month																		
	Max cumulative available engine run hours	1,536	1,632	1,728	1,824	1,920	2,016	2,112	2,208	2,304	2,400	2,496	2,592	2,688	2,784	2,880	2,880	
	Actual cumulative engine run hours	1,151	1,250	1,324	1,396	1,468	1,541	1,615	1,690	1,765	1,839	1,911	1,985	2,057	2,132	2,204	2,211	
	Cumulative Availability, %	74.9%	76.6%	76.6%	76.5%	76.5%	76.4%	76.5%	76.5%	76.6%	76.6%	76.6%	76.6%	76.5%	76.6%	76.5%	76.8%	
	Max cumulative gross output, kWhr	1,267,200	1,346,400	1,425,600	1,504,800	1,584,000	1,663,200	1,742,400	1,821,600	1,900,800	1,980,000	2,059,200	2,138,400	2,217,600	2,296,800	2,376,000	2,376,000	
	Actual cumulative gross output, kWhr	948,673	1,009,091	1,065,813	1,128,058	1,187,313	1,244,594	1,305,232	1,364,480	1,425,058	1,483,488	1,538,582	1,598,828	1,658,258	1,717,338	1,776,395	1,773,414	
	Cumulative Capacity Factor	74.9%	74.9%	74.8%	75.0%	75.0%	74.8%	74.9%	74.9%	75.0%	74.9%	74.7%	74.8%	74.8%	74.8%	74.8%	74.6%	
	Cumulative fuel input, MMBtu HHV	11,888	12,642	13,402	14,191	14,948	15,699	16,486	17,254	18,041	18,809	19,558	20,351	21,128	21,888	22,625	22,629	
	Cumulative gross output, kWhr	948,673	1,009,091	1,065,813	1,128,058	1,187,313	1,244,594	1,305,232	1,364,480	1,425,058	1,483,488	1,538,582	1,598,828	1,658,258	1,717,338	1,776,395	1,773,414	
Heat Rate																		
	Daily heat rate, Btu/kWe gross LHV	11,306	11,242	12,050	11,415	11,496	11,804	11,688	11,661	11,693	11,834	12,250	11,840	11,769	11,586	11,239	11,887	
	Daily heat rate, Btu/kWe gross HHV	12,559	12,488	13,386	12,681	12,770	13,113	12,984	12,954	12,990	13,146	13,608	13,153	13,074	12,871	12,485	13,205	
	Cumulative heat rate, Btu/kWe gross LHV	11,281	11,278	11,319	11,325	11,333	11,355	11,370	11,383	11,396	11,413	11,443	11,458	11,469	11,473	11,466	11,486	
	Cumulative heat rate, Btu/kWe gross HHV	12,531	12,529	12,574	12,580	12,590	12,614	12,631	12,645	12,660	12,679	12,712	12,729	12,741	12,745	12,737	12,760	
Cumulative by Facility starting Calendar Year																		
	Max cumulative available engine run hours	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	8,448	8,448	
	Actual cumulative engine run hours	5,697	5,796	5,870	5,942	6,014	6,087	6,161	6,236	6,311	6,385	6,457	6,531	6,603	6,678	6,750	6,757	
	Cumulative Availability, %	80.2%	80.5%	80.5%	80.4%	80.3%	80.3%	80.2%	80.2%	80.2%	80.1%	80.1%	80.0%	80.0%	80.0%	79.9%	80.0%	
	Max cumulative gross output, kWhr	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	6,969,600	6,969,600	
	Actual cumulative gross output, kWhr	4,415,443	4,475,861	4,532,583	4,594,828	4,654,083	4,711,364	4,772,002	4,831,250	4,891,828	4,950,258	5,005,352	5,065,598	5,125,028	5,184,108	5,243,165	5,240,184	
	Cumulative Capacity Factor	75.3%	75.4%	75.3%	75.3%	75.3%	75.3%	75.3%	75.3%	75.3%	75.3%	75.2%	75.2%	75.2%	75.2%	75.2%	75.2%	
	Cumulative fuel input, MMBtu HHV	35,995	36,749	37,509	38,298	39,055	39,806	40,593	41,360	42,147	42,915	43,665	44,458	45,235	45,995	46,732	46,735	
	Cumulative gross output, kWhr	2,772,321	2,832,739	2,889,461	2,951,706	3,010,961	3,068,242	3,128,880	3,188,128	3,248,706	3,307,136	3,362,230	3,422,476	3,481,906	3,540,986	3,600,043	3,597,062	
	Cumulative heat rate, Btu/kWe gross LHV	11,688	11,678	11,686	11,680	11,676	11,679	11,679	11,679	11,679	11,682	11,691	11,693	11,695	11,693	11,686	11,696	
	Cumulative heat rate, Btu/kWe gross HHV	12,984	12,973	12,981	12,975	12,971	12,973	12,974	12,973	12,974	12,977	12,987	12,990	12,991	12,989	12,981	12,993	
Service																		
	Engine 1																	
	Engine 2																	
	Engine 3																	
	Engine 4																	
Oil - oil and filter change																		
Service - plugs, air filter, valve inspection and adjus																		
					</													

APRIL 2011																
CNBE Daily Reports Summary Data																
	Friday 4/1/11	Saturday 4/2/11	Sunday 4/3/11	Monday 4/4/11	Tuesday 4/5/11	Wednesday 4/6/11	Thursday 4/7/11	Friday 4/8/11	Saturday 4/9/11	Sunday 4/10/11	Monday 4/11/11	Tuesday 4/12/11	Wednesday 4/13/11	Thursday 4/14/11	Friday 4/15/11	
Landfill Gas Flow to the Engines (KSCF)	1,469	1,544	1,526	1,482	1,449	1,439	1,449	1,440	1,403	1,425	1,380	1,411	1,411	1,398	1,436	
Landfill Gas Flow to the Engines (MMBTU HHV)	811	801	764	753	768	745	741	744	746	756	749	749	755	763	768	
Landfill Gas Flow to the Flare (KSCF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Flow to the Flare (MMBTU HHV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Total Flow (KSCF)	1,469	1,544	1,526	1,482	1,449	1,439	1,449	1,440	1,403	1,425	1,380	1,411	1,411	1,398	1,436	
Landfill Gas Total Flow (MMBTU HHV)	811	801	764	753	768	745	741	744	746	756	749	749	755	763	768	
Average Methane Content (%)	54.6	51.3	49.5	50.2	52.4	51.1	50.5	51.1	52.5	52.4	53.6	52.5	52.9	53.9	52.8	
Engine 1 Hours	24	24	24	23	25	24	24	24	24	24	24	24	24	24	24	
Engine 2 Hours	24	24	24	23	24	23	24	24	24	24	24	24	24	24	24	
Engine 3 Hours	14	24	24	11	6	3	-	-	-	-	-	-	-	-	-	
Engine 4 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
Generator 1 Power Output (kWhr)	17,249	15,077	12,711	17,126	19,546	19,683	19,686	19,759	19,469	19,836	19,448	19,474	19,352	18,561	19,854	
Generator 2 Power Output (kWhr)	17,860	16,152	16,264	16,986	20,299	19,109	20,275	20,332	20,014	20,432	19,944	20,215	20,163	20,402	20,665	
Generator 3 Power Output (kWhr)	8,312	13,638	13,630	6,651	1,910	533	-	-	-	-	-	-	-	100	-	
Generator 4 Power Output (kWhr)	16,560	13,911	13,707	17,055	18,498	19,064	18,847	19,260	19,131	19,495	19,128	19,379	19,275	19,288	18,169	
Gross Power Output (kWhr)	60,615	59,563	57,052	58,418	60,954	58,959	59,405	59,885	59,161	60,292	59,197	59,722	59,358	58,942	59,241	
Net Power Output (kWhr)	59,062	57,984	55,509	56,906	59,449	57,523	57,938	58,416	57,749	58,830	57,792	58,235	57,879	57,459	57,741	
Power Sold as metered by NStar, (kWhr)	60,535	58,627	56,244	57,163	60,118	57,865	58,185	58,525	58,694	58,693	58,732	58,431	58,418	57,599	57,504	
Offgrid RECs (kWhr)	1,553	1,579	1,543	1,512	1,505	1,436	1,467	1,469	1,412	1,462	1,405	1,487	1,479	1,483	1,500	
Calculated Performance Results																
Daily																
Power output (kW average when running)																
Generator 1	719	628	530	745	782	820	820	823	811	827	810	811	806	807	827	
Generator 2	744	673	678	739	846	831	845	847	834	851	831	842	840	850	861	
Generator 3	594	568	568	605	318	178	-	-	-	-	-	-	-	-	-	
Generator 4	690	580	571	711	771	794	785	803	797	812	797	807	803	804	757	
Power output (kW average over 24-hrs)																
Facility Gross	2,526	2,482	2,377	2,434	2,540	2,457	2,475	2,495	2,465	2,512	2,467	2,488	2,473	2,456	2,468	
Facility Net	2,461	2,416	2,313	2,371	2,477	2,397	2,414	2,434	2,406	2,451	2,408	2,426	2,412	2,394	2,406	
In-plant load	65	66	64	63	63	60	61	61	59	61	59	62	62	62	63	
Daily availability factor																
Facility	90%	100%	100%	84%	82%	77%	75%	75%	75%	75%	75%	75%	75%	74%	75%	
Engine 1	100%	100%	100%	96%	104%	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	
Engine 2	100%	100%	100%	96%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 3	58%	100%	100%	46%	25%	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Engine 4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Daily capacity factor																
Facility	77%	75%	72%	74%	77%	74%	75%	76%	75%	76%	75%	75%	75%	74%	75%	
Engine 1	87%	76%	64%	90%	95%	99%	99%	100%	98%	100%	98%	98%	98%	98%	100%	
Engine 2	90%	82%	82%	90%	103%	101%	102%	103%	101%	103%	101%	102%	102%	103%	104%	
Engine 3	72%	69%	69%	73%	39%	22%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Engine 4	84%	70%	69%	86%	93%	96%	95%	97%	97%	98%	97%	98%	97%	97%	92%	
Cumulative by engine																
Engine operating run hours in the month																
Max Cumulative Available, hours	24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	
Engine 1	24	48	72	95	120	144	168	192	216	240	264	288	312	335	359	
Engine 2	24	48	72	95	119	142	166	190	214	238	262	286	310	334	358	
Engine 3	14	38	62	73	79	82	82	82	82	82	82	82	82	82	82	
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	45,079	45,103	45,127	45,150	45,175	45,199	45,223	45,247	45,271	45,295	45,319	45,343	45,367	45,390	45,414	
Engine 2	44,066	44,090	44,114	44,137	44,161	44,184	44,208	44,232	44,256	44,280	44,304	44,328	44,352	44,376	44,400	
Engine 3	43,679	43,703	43,727	43,748	43,774	43,747	43,747	43,747	43,747	43,747	43,747	43,747	43,747	43,747	43,747	
Engine 4	43,011	43,035	43,059	43,083	43,107	43,131	43,155	43,179	43,203	43,227	43,251	43,275	43,299	43,323	43,347	
Cumulative availability, %																
Engine 1	100%	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 2	100%	100%	100%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	
Engine 3	58%	79%	86%	76%	66%	57%	49%	43%	38%	34%	31%	28%	26%	24%	23%	
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	719	1,347	1,877	2,621	3,403	4,223	5,043	5,867	6,678	7,504	8,315	9,126	9,932	10,739	11,567	
Engine 2	744	1,417	2,095	2,833	3,679	4,510	5,355	6,202	7,036	7,887	8,718	9,560	10,401	11,251	12,112	
Engine 3	594	1,162	1,730	2,335	2,653	2,831	2,831	2,831	2,831	2,831	2,831	2,831	2,831	2,831	2,831	
Engine 4	690	1,270	1,841	2,551	3,322	4,116	4,902	5,704	6,501	7,314	8,111	8,918	9,721	10,525	11,282	
Cumulative capacity factor, %																
Engine 1	87%	82%	76%	79%	82%	85%	87%	89%	90%	91%	92%	92%	93%	93%	93%	
Engine 2	90%	86%	85%	86%	89%	91%	93%	94%	95%	96%	96%	97%	97%	97%	98%	
Engine 3	72%	70%	70%	71%	64%	57%	49%	43%	38%	34%	31%	29%	26%	25%	23%	
Engine 4	84%	77%	74%	77%	81%	83%	85%	86%	88%	89%	89%	90%	91%	91%	91%	

	Friday 4/1/11	Saturday 4/2/11	Sunday 4/3/11	Monday 4/4/11	Tuesday 4/5/11	Wednesday 4/6/11	Thursday 4/7/11	Friday 4/8/11	Saturday 4/9/11	Sunday 4/10/11	Monday 4/11/11	Tuesday 4/12/11	Wednesday 4/13/11	Thursday 4/14/11	Friday 4/15/11
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	86	182	278	359	438	512	584	656	728	800	872	944	1,016	1,087	1,159
Cumulative Availability, %	89.6%	94.8%	96.5%	93.5%	91.3%	88.9%	86.9%	85.4%	84.3%	83.3%	82.6%	81.9%	81.4%	80.9%	80.5%
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	60,615	120,178	177,230	235,648	296,602	355,561	414,966	474,851	534,012	594,304	653,501	713,223	772,581	831,523	890,764
Cumulative Capacity Factor	76.5%	75.9%	74.6%	74.4%	74.9%	74.8%	74.8%	74.9%	74.9%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%
Cumulative fuel input, MMBtu HHV	811	1,613	2,376	3,130	3,898	4,642	5,383	6,127	6,873	7,629	8,377	9,127	9,882	10,644	11,412
Cumulative gross output, kWhr	60,615	120,178	177,230	235,648	296,602	355,561	414,966	474,851	534,012	594,304	653,501	713,223	772,581	831,523	890,764
Heat Rate															
Daily heat rate, Btu/kWe gross LHV	12,050	12,109	12,050	11,608	11,345	11,367	11,221	11,185	11,345	11,291	11,384	11,294	11,452	11,648	11,664
Daily heat rate, Btu/kWe gross HHV	13,386	13,451	13,386	12,895	12,603	12,627	12,465	12,425	12,603	12,542	12,646	12,546	12,721	12,940	12,957
Cumulative heat rate, Btu/kWe gross LHV	12,050	12,079	12,070	11,955	11,830	11,753	11,677	11,615	11,585	11,555	11,540	11,519	11,514	11,524	11,533
Cumulative heat rate, Btu/kWe gross HHV	13,386	13,418	13,408	13,281	13,142	13,056	12,972	12,903	12,870	12,836	12,819	12,796	12,791	12,801	12,811
Cumulative by Facility starting Calendar Year															
Max cumulative available engine run hours	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	9,792	9,888
Actual cumulative engine run hours	6,843	6,939	7,035	7,116	7,195	7,269	7,341	7,413	7,485	7,557	7,629	7,701	7,773	7,844	7,916
Cumulative Availability, %	80.1%	80.3%	80.5%	80.6%	80.6%	80.6%	80.5%	80.4%	80.4%	80.3%	80.3%	80.2%	80.2%	80.1%	80.1%
Max cumulative gross output, kWhr	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	8,078,400	8,157,600
Actual cumulative gross output, kWhr	5,300,799	5,360,362	5,417,414	5,475,832	5,536,786	5,595,745	5,655,150	5,715,035	5,774,196	5,834,488	5,893,685	5,953,407	6,012,765	6,071,707	6,130,948
Cumulative Capacity Factor	75.2%	75.2%	75.2%	75.2%	75.2%	75.2%	75.2%	75.2%	75.2%	75.2%	75.2%	75.2%	75.2%	75.2%	75.2%
Cumulative fuel input, MMBtu HHV	47,547	48,348	49,112	49,865	50,633	51,378	52,118	52,862	53,608	54,364	55,113	55,862	56,617	57,380	58,147
Cumulative gross output, kWhr	3,657,677	3,717,240	3,774,292	3,832,710	3,893,664	3,952,623	4,012,028	4,071,913	4,131,074	4,191,366	4,250,563	4,310,285	4,369,643	4,428,585	4,487,826
Cumulative heat rate, Btu/kWe gross LHV	11,702	11,708	11,714	11,712	11,706	11,701	11,694	11,687	11,682	11,676	11,672	11,667	11,664	11,664	11,664
Cumulative heat rate, Btu/kWe gross HHV	12,999	13,006	13,012	13,010	13,004	12,998	12,991	12,982	12,977	12,971	12,966	12,960	12,957	12,957	12,957
Service															
Engine 1															
Engine 2															
Engine 3															
Engine 4															
Oil - oil and filter change															
Service - plugs, air filter, valve inspection and adjustment															
NSTAR Power Reports															
Date	4/1/11	4/2/11	4/3/11	4/4/11	4/5/11	4/6/11	4/7/11	4/8/11	4/9/11	4/10/11	4/11/11	4/12/11	4/13/11	4/14/11	4/15/11
Hour															
1	2,378	2,462	2,339	2,342	2,457	2,455	2,406	2,433	2,446	2,445	2,449	2,447	2,421	2,444	2,451
2	2,449	2,457	2,341	2,347	2,457	2,450	2,401	2,434	2,446	2,444	2,449	2,446	2,418	2,444	2,452
3	2,448	2,451	2,342	2,352	2,457	2,451	2,401	2,436	2,448	2,444	2,450	2,447	2,409	2,446	2,452
4	2,449	2,446	2,343	2,348	2,458	2,452	2,399	2,430	2,448	2,446	2,449	2,444	2,411	2,443	2,453
5	2,446	2,451	2,340	2,350	2,445	2,458	2,399	2,432	2,447	2,445	2,450	2,446	2,410	2,447	2,453
6	2,445	2,454	2,340	2,348	2,451	2,455	2,407	2,434	2,446	2,444	2,449	2,446	2,418	2,444	2,452
7	2,448	2,461	2,340	2,353	2,459	2,455	2,447	2,434	2,446	2,444	2,449	2,445	2,431	2,447	2,453
8	2,449	2,464	2,337	2,347	2,459	2,455	2,439	2,433	2,447	2,447	2,451	2,440	2,427	2,442	2,401
9	2,446	2,464	2,344	2,281	2,458	2,453	2,422	2,432	2,449	2,448	2,448	2,436	2,434	2,445	2,370
10	2,436	2,524	2,346	2,387	2,637	2,467	2,427	2,430	2,446	2,445	2,449	2,433	2,431	2,431	2,371
11	2,620	2,477	2,335	1,766	2,666	2,133	2,397	2,432	2,435	2,444	2,444	2,431	2,435	1,726	2,368
12	2,695	2,477	2,346	2,462	2,636	2,038	2,420	2,432	2,442	2,444	2,444	2,429	2,435	2,059	2,369
13	2,639	2,472	2,349	2,470	2,652	2,436	2,430	2,430	2,442	2,443	2,443	2,429	2,438	2,423	2,370
14	2,637	2,485	2,348	2,471	2,672	2,436	2,431	2,431	2,445	2,443	2,443	2,433	2,444	2,436	2,370
15	2,576	2,540	2,348	2,465	2,679	2,436	2,436	2,436	2,445	2,444	2,443	2,433	2,445	2,452	2,370
16	2,648	2,473	2,343	2,466	2,417	2,437	2,437	2,447	2,445	2,444	2,446	2,437	2,448	2,451	2,370
17	2,645	2,470	2,346	2,435	2,464	2,440	2,438	2,450	2,446	2,445	2,447	2,437	2,446	2,451	2,371
18	2,622	2,458	2,350	2,437	2,463	2,440	2,438	2,451	2,447	2,446	2,448	2,435	2,443	2,452	2,371
19	2,569	2,426	2,346	2,454	2,458	2,426	2,438	2,450	2,449	2,448	2,448	2,434	2,447	2,453	2,372
20	2,562	2,344	2,342	2,460	2,462	2,415	2,435	2,451	2,448	2,448	2,448	2,428	2,446	2,452	2,372
21	2,531	2,346	2,343	2,455	2,451	2,425	2,435	2,447	2,447	2,448	2,446	2,423	2,444	2,454	2,372
22	2,469	2,339	2,349	2,457	2,457	2,423	2,436	2,446	2,445	2,448	2,447	2,417	2,444	2,453	2,373
23	2,465	2,343	2,345	2,457	2,451	2,418	2,433	2,448	2,444	2,448	2,446	2,414	2,443	2,452	2,374
24	2,463	2,343	2,342	2,453	2,452	2,411	2,433	2,446	2,445	2,448	2,446	2,421	2,450	2,452	2,374
TOTAL	60,535	58,627	56,244	57,163	60,118	57,865	58,185	58,525	58,694	58,693	58,732	58,431	58,418	57,599	57,504
Cumulative Output Sold, kWhr	60,535	119,162	175,406	232,569	292,687	350,552	408,737	467,262	525,956	584,649	643,381	701,812	760,230	817,829	875,333
Transformer and line efficiency	102.5%	101.1%	101.3%	100.5%	101.1%	100.6%	100.4%	100.2%	101.6%	99.8%	101.6%	100.3%	100.9%	100.2%	99.6%
Hourly average	2,522	2,443	2,344	2,382	2,505	2,411	2,424	2,439	2,446	2,446	2,447	2,435	2,434	2,400	2,396

APRIL 2011																	
CNBE Daily Reports Summary Data																	
	Saturday 4/16/11	Sunday 4/17/11	Monday 4/18/11	Tuesday 4/19/11	Wednesday 4/20/11	Thursday 4/21/11	Friday 4/22/11	Saturday 4/23/11	Sunday 4/24/11	Monday 4/25/11	Tuesday 4/26/11	Wednesday 4/27/11	Thursday 4/28/11	Friday 4/29/11	Saturday 4/30/11	TOTAL	
Landfill Gas Flow to the Engines (KSCF)	1,385	1,388	1,378	1,409	1,403	1,385	1,443	1,404	1,379	1,382	1,396	1,393	1,388	1,416	1,380	42,591	
Landfill Gas Flow to the Engines (MMBTU HHV)	753	772	753	759	769	747	741	746	734	733	751	754	767	777	742	22,707	
Landfill Gas Flow to the Flare (KSCF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Flow to the Flare (MMBTU HHV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Total Flow (KSCF)	1,385	1,388	1,378	1,409	1,403	1,385	1,443	1,404	1,379	1,382	1,396	1,393	1,388	1,416	1,380	42,591	
Landfill Gas Total Flow (MMBTU HHV)	753	772	753	759	769	747	741	746	734	733	751	754	767	777	742	22,707	
Average Methane Content (%)	53.7	54.9	54.0	53.2	54.1	53.3	50.7	52.5	52.6	52.4	53.2	53.5	54.6	54.2	53.1	52.7	
Engine 1 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	719	
Engine 2 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	718	
Engine 3 Hours	-	-	1	-	2	-	-	-	-	-	13	10	-	4	-	112	
Engine 4 Hours	24	53	24	24	23	24	24	24	24	24	13	15	24	21	24	725	
Generator 1 Power Output (kWhr)	19,540	19,756	19,591	19,779	19,760	19,283	19,814	19,800	19,702	19,585	19,366	19,400	19,783	19,934	19,593	571,517	
Generator 2 Power Output (kWhr)	20,295	20,473	20,331	20,537	20,489	19,996	20,514	20,599	20,364	20,178	19,966	19,543	20,318	20,352	17,038	590,105	
Generator 3 Power Output (kWhr)	-	-	20	-	442	-	-	-	-	-	7,830	6,752	-	2,365	-	62,183	
Generator 4 Power Output (kWhr)	17,249	17,336	16,885	18,646	18,768	18,605	17,929	17,480	17,370	17,250	8,970	10,791	18,660	17,137	19,094	522,937	
Gross Power Output (kWhr)	57,716	58,229	57,429	59,514	60,049	58,490	58,819	58,472	58,106	57,664	56,881	57,187	59,348	60,404	56,419	1,765,491	
Net Power Output (kWhr)	56,295	56,720	55,953	58,052	58,614	57,028	57,295	57,055	56,642	56,145	55,370	55,729	57,877	58,854	55,052	1,721,153	
Power Sold as metered by NStar, (kWhr)	57,018	56,797	56,572	58,141	58,869	58,552	57,341	57,011	56,880	56,725	55,632	55,937	58,076	58,429	55,626	1,732,939	
Offgrid RECs (kWhr)	1,421	1,509	1,476	1,462	1,435	1,462	1,524	1,417	1,464	1,519	1,511	1,458	1,471	1,550	1,367	44,338	
Calculated Performance Results																	
Daily																	
Power output (kW average when running)																	
Generator 1	814	823	816	824	823	803	826	825	821	816	807	808	824	831	816		
Generator 2	846	853	847	856	854	833	855	858	849	841	832	814	847	848	710		
Generator 3	-	-	20	-	221	-	-	-	-	-	602	675	-	591	-		
Generator 4	719	327	704	777	816	775	747	728	724	719	690	719	778	816	796		
Power output (kW average over 24-hrs)																	
Facility Gross	2,405	2,426	2,393	2,480	2,502	2,437	2,451	2,436	2,421	2,403	2,370	2,383	2,473	2,517	2,351		
Facility Net	2,346	2,363	2,331	2,419	2,442	2,376	2,387	2,377	2,360	2,339	2,307	2,322	2,412	2,452	2,294		
In-plant load	59	63	62	61	60	61	64	59	61	63	63	61	61	65	57		
Daily availability factor																	
Facility	75%	105%	76%	75%	76%	75%	75%	75%	75%	75%	77%	76%	75%	76%	75%		
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	0%	0%	4%	0%	8%	0%	0%	0%	0%	0%	54%	42%	0%	17%	0%		
Engine 4	100%	221%	100%	100%	96%	100%	100%	100%	100%	100%	54%	63%	100%	88%	100%		
Daily capacity factor																	
Facility	73%	74%	73%	75%	76%	74%	74%	74%	73%	73%	72%	72%	75%	76%	71%		
Engine 1	99%	100%	99%	100%	100%	100%	100%	100%	100%	100%	98%	98%	100%	101%	99%		
Engine 2	103%	103%	103%	104%	103%	101%	104%	104%	103%	102%	101%	99%	103%	103%	86%		
Engine 3	0%	0%	2%	0%	27%	0%	0%	0%	0%	0%	73%	82%	0%	72%	0%		
Engine 4	87%	40%	85%	94%	99%	94%	91%	88%	88%	87%	84%	87%	94%	99%	96%		
Cumulative by engine																	
Engine operating run hours in the month																	
Max Cumulative Available, hours	384	408	432	456	480	504	528	552	576	600	624	648	672	696	720		
Engine 1	383	407	431	455	479	503	527	551	575	599	623	647	671	695	719		
Engine 2	382	406	430	454	478	502	526	550	574	598	622	646	670	694	718		
Engine 3	82	82	83	83	85	85	85	85	85	85	98	108	108	112	112		
Engine 4	384	437	461	485	508	532	556	580	604	628	641	656	680	701	725		
Engine operating run hours total from 0 hours																	
Engine 1	45,438	45,462	45,486	45,510	45,534	45,558	45,582	45,606	45,630	45,654	45,678	45,702	45,726	45,750	45,774		
Engine 2	44,424	44,448	44,472	44,496	44,520	44,544	44,568	44,592	44,616	44,640	44,664	44,688	44,712	44,736	44,760		
Engine 3	43,747	43,747	43,748	43,748	43,750	43,750	43,750	43,750	43,750	43,750	43,763	43,773	43,773	43,777	43,777		
Engine 4	43,371	43,424	43,448	43,472	43,495	43,519	43,543	43,567	43,591	43,615	43,628	43,643	43,667	43,688	43,712		
Cumulative availability, %																	
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
Engine 2	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
Engine 3	21%	20%	19%	18%	18%	17%	16%	15%	15%	14%	16%	17%	16%	16%	16%		
Engine 4	100%	107%	107%	106%	106%	106%	105%	105%	105%	105%	103%	101%	101%	101%	101%		
Engine cumulative gross output, kWhr																	
Max cumulative capacity one engine	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	12,381	13,204	14,020	14,844	15,668	16,471	17,297	18,122	18,943	19,759	20,566	21,374	22,198	23,029	23,845		
Engine 2	12,957	13,810	14,658	15,513	16,367	17,200	18,055	18,913	19,762	20,602	21,434	22,249	23,095	23,943	24,653		
Engine 3	2,831	2,831	2,851	2,851	3,072	3,072	3,072	3,072	3,072	3,072	4,349	4,349	4,349	4,940	4,940		
Engine 4	12,001	12,328	13,031	13,808	14,624	15,399	16,146	16,875	17,599	18,317	19,007	19,727	20,504	21,320	22,116		
Cumulative capacity factor, %																	
Engine 1	94%	94%	94%	95%	95%	95%	95%	96%	96%	96%	96%	96%	96%	96%	96%		
Engine 2	98%	98%	99%	99%	99%	99%	99%	100%	100%	100%	100%	100%	100%	100%	100%		
Engine 3	21%	20%	19%	18%	19%	17%	16%	16%	15%	15%	17%	20%	19%	21%	20%		
Engine 4	91%	88%	88%	88%	89%	89%	89%	89%	89%	89%	89%	89%	89%	89%	89%		

		Saturday 4/16/11	Sunday 4/17/11	Monday 4/18/11	Tuesday 4/19/11	Wednesday 4/20/11	Thursday 4/21/11	Friday 4/22/11	Saturday 4/23/11	Sunday 4/24/11	Monday 4/25/11	Tuesday 4/26/11	Wednesday 4/27/11	Thursday 4/28/11	Friday 4/29/11	Saturday 4/30/11	TOTAL
Cumulative by Facility in month																	
	Max cumulative available engine run hours	1,536	1,632	1,728	1,824	1,920	2,016	2,112	2,208	2,304	2,400	2,496	2,592	2,688	2,784	2,880	
	Actual cumulative engine run hours	1,231	1,332	1,405	1,477	1,550	1,622	1,694	1,766	1,838	1,910	1,984	2,057	2,129	2,202	2,274	
	Cumulative Availability, %	80.1%	81.6%	81.3%	81.0%	80.7%	80.5%	80.2%	80.0%	79.8%	79.6%	79.5%	79.4%	79.2%	79.1%	79.0%	
	Max cumulative gross output, kWhr	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, kWhr	948,480	1,006,709	1,064,138	1,123,652	1,183,701	1,242,191	1,301,010	1,359,482	1,417,588	1,475,252	1,532,133	1,589,320	1,648,668	1,709,072	1,765,491	
	Cumulative Capacity Factor	74.8%	74.8%	74.6%	74.7%	74.7%	74.7%	74.7%	74.6%	74.6%	74.5%	74.4%	74.3%	74.3%	74.4%	74.3%	
	Cumulative fuel input, MMBtu HHV	12,165	12,937	13,689	14,448	15,217	15,964	16,704	17,451	18,185	18,918	19,669	20,423	21,189	21,966	22,707	
	Cumulative gross output, kWhr	948,480	1,006,709	1,064,138	1,123,652	1,183,701	1,242,191	1,301,010	1,359,482	1,417,588	1,475,252	1,532,133	1,589,320	1,648,668	1,709,072	1,765,491	
Heat Rate																	
	Daily heat rate, Btu/kWe gross LHV	11,745	11,929	11,797	11,476	11,528	11,494	11,338	11,488	11,374	11,444	11,884	11,864	11,631	11,574	11,831	
	Daily heat rate, Btu/kWe gross HHV	13,047	13,251	13,105	12,748	12,806	12,768	12,595	12,762	12,635	12,713	13,201	13,180	12,920	12,857	13,143	
	Cumulative heat rate, Btu/kWe gross LHV	11,546	11,568	11,580	11,575	11,572	11,569	11,558	11,555	11,548	11,544	11,556	11,567	11,570	11,570	11,578	
	Cumulative heat rate, Btu/kWe gross HHV	12,826	12,850	12,864	12,858	12,855	12,851	12,840	12,836	12,828	12,824	12,838	12,850	12,852	12,853	12,862	
Cumulative by Facility starting Calendar Year																	
	Max cumulative available engine run hours	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	11,232	11,328	
	Actual cumulative engine run hours	7,988	8,089	8,162	8,234	8,307	8,379	8,451	8,523	8,595	8,667	8,741	8,814	8,886	8,959	9,031	
	Cumulative Availability, %	80.0%	80.2%	80.2%	80.2%	80.1%	80.1%	80.0%	80.0%	79.9%	79.9%	79.9%	79.8%	79.8%	79.8%	79.7%	
	Max cumulative gross output, kWhr	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	9,266,400	9,345,600	
	Actual cumulative gross output, kWhr	6,188,664	6,246,893	6,304,322	6,363,836	6,423,885	6,482,375	6,541,194	6,599,666	6,657,772	6,715,436	6,772,317	6,829,504	6,888,852	6,949,256	7,005,675	
	Cumulative Capacity Factor	75.1%	75.1%	75.1%	75.1%	75.1%	75.1%	75.1%	75.1%	75.1%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%	
	Cumulative fuel input, MMBtu HHV	58,900	59,672	60,425	61,183	61,952	62,699	63,440	64,186	64,920	65,653	66,404	67,158	67,925	68,701	69,443	
	Cumulative gross output, kWhr	4,545,542	4,603,771	4,661,200	4,720,714	4,780,763	4,839,253	4,898,072	4,956,544	5,014,650	5,072,314	5,129,195	5,186,382	5,245,730	5,306,134	5,362,553	
	Cumulative heat rate, Btu/kWe gross LHV	11,665	11,668	11,670	11,667	11,665	11,663	11,659	11,657	11,654	11,652	11,654	11,657	11,656	11,655	11,657	
	Cumulative heat rate, Btu/kWe gross HHV	12,958	12,962	12,963	12,961	12,959	12,956	12,952	12,950	12,946	12,943	12,946	12,949	12,949	12,948	12,950	
Service																	
	Engine 1																
	Engine 2																
	Engine 3																
	Engine 4																
Oil - oil and filter change						Carlson Environmental Consultants -----											
Service - plugs, air filter, valve inspection and adjust						Independent assessment of LFG System											
								Flow calibration									
	NSTAR Power Reports	Saturday 4/16/11	Sunday 4/17/11	Monday 4/18/11	Tuesday 4/19/11	Wednesday 4/20/11	Thursday 4/21/11	Friday 4/22/11	Saturday 4/23/11	Sunday 4/24/11	Monday 4/25/11	Tuesday 4/26/11	Wednesday 4/27/11	Thursday 4/28/11	Friday 4/29/11	Saturday 4/30/11	TOTAL
	Date	4/16/11	4/17/11	4/18/11	4/19/11	4/20/11	4/21/11	4/22/11	4/23/11	4/24/11	4/25/11	4/26/11	4/27/11	4/28/11	4/29/11	4/30/11	TOTAL
	Hour																
	1	2,374	2,378	2,372	2,374	2,463	2,416	2,461	2,372	2,376	2,360	2,373	2,253	2,405	2,460	2,424	
	2	2,375	2,377	2,372	2,375	2,468	2,419	2,462	2,370	2,376	2,361	2,372	2,251	2,415	2,464	2,331	
	3	2,376	2,374	2,372	2,375	2,466	2,413	2,461	2,374	2,377	2,364	2,372	2,257	2,403	2,468	2,322	
	4	2,376	2,244	2,372	2,375	2,470	2,411	2,461	2,372	2,376	2,360	2,372	2,257	2,398	2,468	2,315	
	5	2,376	2,219	2,372	2,375	2,466	2,411	2,461	2,375	2,373	2,363	2,371	2,257	2,405	2,465	2,325	
	6	2,376	2,301	2,372	2,375	2,470	2,404	2,461	2,372	2,376	2,366	2,371	2,258	2,402	2,460	2,313	
	7	2,376	2,358	2,372	2,376	2,468	2,413	2,460	2,375	2,376	2,361	2,372	2,256	2,381	2,468	2,323	
	8	2,375	2,453	2,371	2,376	2,471	2,401	2,459	2,372	2,375	2,364	2,371	2,254	2,402	2,464	2,323	
	9	2,376	2,452	2,345	2,371	2,467	2,419	2,453	2,377	2,375	2,363	2,367	2,254	2,399	2,436	2,323	
	10	2,374	2,451	2,365	2,369	2,467	2,461	2,241	2,374	2,373	2,357	2,370	2,193	2,437	2,258	2,315	
	11	2,372	2,385	1,957	2,384	2,542	2,450	2,264	2,378	2,372	2,360	2,368	2,278	2,198	2,392	2,316	
	12	2,374	2,368	2,454	2,450	2,277	2,421	2,296	2,378	2,371	2,333	2,369	2,405	2,415	2,320		
	13	2,374	2,368	2,380	2,448	2,526	2,453	2,289	2,376	2,371	2,360	2,373	2,421	2,434	2,369	2,320	
	14	2,375	2,367	2,370	2,457	2,457	2,458	2,379	2,380	2,371	2,363	2,292	2,385	2,451	2,422	2,315	
	15	2,376	2,369	2,370	2,464	2,462	2,457	2,371	2,380	2,369	2,363	2,274	2,369	2,460	2,437	2,310	
	16	2,376	2,369	2,373	2,468	2,448	2,457	2,373	2,381	2,369	2,366	2,262	2,397	2,452	2,434	2,323	
	17	2,377	2,369	2,372	2,467	2,461	2,376	2,377	2,369	2,368	2,256	2,407	2,457	2,452	2,309		
	18	2,378	2,370	2,372	2,468	2,456	2,460	2,376	2,377	2,366	2,369	2,254	2,402	2,438	2,452	2,313	
	19	2,377	2,371	2,373	2,464	2,463	2,461	2,375	2,377	2,366	2,369	2,255	2,398	2,449	2,453	2,320	
	20	2,377	2,371	2,374	2,468	2,441	2,462	2,373	2,374	2,361	2,369	2,252	2,384	2,446	2,438	2,309	
	21	2,377	2,371	2,373	2,464	2,416	2,461	2,373	2,375	2,360	2,360	2,250	2,404	2,453	2,449	2,308	
	22	2,377	2,370	2,373	2,467	2,412	2,461	2,371	2,375	2,359	2,359	2,249	2,408	2,463	2,434	2,282	
	23	2,377	2,371	2,372	2,464	2,414	2,461	2,375	2,375	2,361	2,366	2,248	2,403	2,463	2,434	2,287	
	24	2,377	2,371	2,374	2,467	2,418	2,461	2,370	2,375	2,362	2,373	2,255	2,422	2,460	2,437	2,280	
	TOTAL	57,018	56,797	56,572	58,141	58,869	58,552	57,341	57,011	56,880	56,725	55,632	55,937	58,076	58,429	55,626	
	Cumulative Output Sold, kWhr	932,351	989,148	1,045,720	1,103,861	1,162,730	1,221,282	1,278,623	1,335,634	1,392,514	1,449,239	1,504,871	1,560,808	1,618,884	1,677,313	1,732,939	
	Transformer and line efficiency	101.3%	100.1%	101.1%	100.2%	100.4%	102.7%	100.1%	99.9%	100.4%	101.0%	100.5%	100.4%	100.3%	99.3%	101.0%	
	Hourly average	2,376	2,367	2,357	2,423	2,453	2,389	2,349	2,375	2,370	2,364	2,331	2,420	2,435	2,318	2,407	0.0%

MAY 2011																
CNBE Daily Reports Summary Data																
	Sunday 5/1/11	Monday 5/2/11	Tuesday 5/3/11	Wednesday 5/4/11	Thursday 5/5/11	Friday 5/6/11	Saturday 5/7/11	Sunday 5/8/11	Monday 5/9/11	Tuesday 5/10/11	Wednesday 5/11/11	Thursday 5/12/11	Friday 5/13/11	Saturday 5/14/11	Sunday 5/15/11	
Landfill Gas Flow to the Engines (KSCF)	1,369	1,342	1,420	1,394	1,425	1,392	1,381	1,437	1,403	1,410	1,427	1,431	1,416	1,402	1,407	
Landfill Gas Flow to the Engines (MMBTU HHV)	749	734	771	765	779	759	757	774	757	759	753	753	749	771	766	
Landfill Gas Flow to the Flare (KSCF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Flow to the Flare (MMBTU HHV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Total Flow (KSCF)	1,369	1,342	1,420	1,394	1,425	1,392	1,381	1,437	1,403	1,410	1,427	1,431	1,416	1,402	1,407	
Landfill Gas Total Flow (MMBTU HHV)	749	734	771	765	779	759	757	774	757	759	753	753	749	771	766	
Average Methane Content (%)	54.0	54.1	53.6	54.3	54.0	53.9	54.2	53.2	53.3	53.2	52.2	52.0	52.3	54.3	53.8	
Engine 1 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
Engine 2 Hours	21	23	24	23	24	24	13	-	11	24	24	24	22	1	-	
Engine 3 Hours	-	-	-	-	-	-	12	24	14	-	-	-	-	22	24	
Engine 4 Hours	24	24	24	24	23	23	22	24	24	24	24	23	24	24	24	
Generator 1 Power Output (kWhr)	19,885	19,376	19,657	19,008	19,758	19,523	19,127	17,317	18,384	19,580	19,453	19,768	19,422	18,577	17,830	
Generator 2 Power Output (kWhr)	16,933	17,012	20,143	18,887	20,069	20,170	10,682	-	8,946	19,970	19,393	19,352	18,054	31	-	
Generator 3 Power Output (kWhr)	-	-	-	-	-	-	9,674	20,251	11,410	-	-	-	-	17,258	17,984	
Generator 4 Power Output (kWhr)	17,868	18,283	19,239	19,328	18,895	18,117	15,760	19,245	17,223	17,775	19,047	18,672	19,625	19,748	19,627	
Gross Power Output (kWhr)	54,797	55,161	59,632	57,807	59,335	58,263	55,320	57,251	56,441	57,886	58,442	58,225	57,430	56,063	55,748	
Net Power Output (kWhr)	53,487	53,818	58,150	56,390	57,935	56,879	53,909	55,772	54,979	56,555	57,047	56,821	55,977	54,655	54,308	
Power Sold as metered by NStar, (kWhr)	53,335	55,244	58,668	56,599	57,961	57,489	54,049	55,632	55,729	57,388	58,174	57,207	56,193	54,531	54,673	
Offgrid RECs (kWhr)	1,310	1,343	1,482	1,417	1,400	1,384	1,411	1,479	1,462	1,331	1,395	1,404	1,453	1,408	1,440	
Calculated Performance Results																
Daily																
Power output (kW average when running)																
Generator 1	829	807	819	792	823	813	797	722	766	816	811	824	809	774	743	
Generator 2	806	740	839	821	836	840	822	-	813	832	808	806	821	31	-	
Generator 3	-	-	-	-	-	-	806	844	815	-	-	-	-	784	749	
Generator 4	745	762	802	805	822	788	716	802	718	741	794	812	818	823	818	
Power output (kW average over 24-hrs)																
Facility Gross	2,283	2,298	2,485	2,409	2,472	2,428	2,305	2,385	2,352	2,412	2,435	2,426	2,393	2,336	2,323	
Facility Net	2,229	2,242	2,423	2,350	2,414	2,370	2,246	2,324	2,291	2,356	2,377	2,368	2,332	2,277	2,263	
In-plant load	55	56	62	59	58	58	59	62	61	55	58	59	61	59	60	
Daily availability factor																
Facility	72%	74%	75%	74%	74%	74%	74%	75%	76%	75%	75%	74%	73%	74%	75%	
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 2	88%	96%	100%	96%	100%	100%	54%	0%	46%	100%	100%	100%	92%	4%	0%	
Engine 3	0%	0%	0%	0%	0%	0%	50%	100%	58%	0%	0%	0%	0%	92%	100%	
Engine 4	100%	100%	100%	100%	96%	96%	92%	100%	100%	100%	100%	96%	100%	100%	100%	
Daily capacity factor																
Facility	69%	70%	75%	73%	75%	74%	70%	72%	71%	73%	74%	74%	73%	71%	70%	
Engine 1	100%	98%	99%	96%	100%	99%	97%	87%	93%	99%	98%	100%	98%	94%	90%	
Engine 2	98%	90%	102%	100%	101%	102%	100%	0%	99%	101%	98%	98%	99%	4%	0%	
Engine 3	0%	0%	0%	0%	0%	0%	98%	102%	99%	0%	0%	0%	0%	95%	91%	
Engine 4	90%	92%	97%	98%	100%	95%	87%	97%	87%	90%	96%	98%	99%	100%	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	24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	
Engine 2	21	44	68	91	115	139	152	152	163	187	211	235	257	258	258	
Engine 3	0	0	0	0	0	0	12	36	50	50	50	50	50	72	96	
Engine 4	24	48	72	96	119	142	164	188	212	236	260	283	307	331	355	
Engine operating run hours total from 0 hours																
Engine 1	45,798	45,822	45,846	45,870	45,894	45,918	45,942	45,966	45,990	46,014	46,038	46,062	46,086	46,110	46,134	
Engine 2	44,781	44,804	44,828	44,851	44,875	44,899	44,912	44,923	44,947	44,971	44,995	45,017	45,018	45,018	45,018	
Engine 3	43,777	43,777	43,777	43,777	43,777	43,777	43,789	43,813	43,827	43,827	43,827	43,827	43,827	43,849	43,873	
Engine 4	43,736	43,760	43,784	43,808	43,831	43,854	43,876	43,900	43,924	43,948	43,972	43,995	44,019	44,043	44,067	
Cumulative availability, %																
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Engine 2	88%	92%	94%	95%	96%	97%	90%	79%	75%	78%	80%	82%	82%	77%	72%	
Engine 3	0%	0%	0%	0%	0%	0%	7%	19%	23%	21%	19%	17%	16%	21%	27%	
Engine 4	100%	100%	100%	100%	99%	99%	98%	98%	98%	98%	98%	98%	98%	99%	99%	
Engine cumulative gross output, kWhr																
Max cumulative capacity one engine	825	1,650	2,475	3,300	4,125	4,950	5,775	6,600	7,425	8,250	9,075	9,900	10,725	11,550	12,375	
Engine 1	829	1,636	2,455	3,247	4,070	4,884	5,681	6,402	7,168	7,984	8,795	9,618	10,427	11,201	11,944	
Engine 2	806	1,546	2,385	3,206	4,043	4,883	5,705	5,705	6,518	7,350	8,158	8,964	9,785	9,816	9,816	
Engine 3	-	-	-	-	-	-	806	1,650	2,465	2,465	2,465	2,465	2,465	3,249	3,999	
Engine 4	745	1,506	2,308	3,113	3,935	4,722	5,439	6,241	6,958	7,699	8,493	9,304	10,122	10,945	11,763	
Cumulative capacity factor, %																
Engine 1	100%	99%	99%	98%	99%	99%	98%	97%	97%	97%	97%	97%	97%	97%	97%	
Engine 2	98%	94%	96%	97%	98%	99%	99%	86%	88%	89%	90%	91%	91%	85%	79%	
Engine 3	0%	0%	0%	0%	0%	0%	14%	25%	33%	30%	27%	25%	23%	28%	32%	
Engine 4	90%	91%	93%	94%	95%	95%	94%	95%	94%	93%	94%	94%	94%	95%	95%	

	Sunday 5/1/11	Monday 5/2/11	Tuesday 5/3/11	Wednesday 5/4/11	Thursday 5/5/11	Friday 5/6/11	Saturday 5/7/11	Sunday 5/8/11	Monday 5/9/11	Tuesday 5/10/11	Wednesday 5/11/11	Thursday 5/12/11	Friday 5/13/11	Saturday 5/14/11	Sunday 5/15/11
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	140	212	283	354	425	496	568	641	713	785	856	926	997	1,069
Cumulative Availability, %	71.9%	72.9%	73.6%	73.7%	73.8%	73.8%	73.8%	74.0%	74.2%	74.3%	74.3%	74.3%	74.2%	74.2%	74.2%
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	54,797	109,958	169,590	227,397	286,732	344,995	400,315	457,566	514,007	571,893	630,335	688,560	745,990	802,053	857,801
Cumulative Capacity Factor	69.2%	69.4%	71.4%	71.8%	72.4%	72.6%	72.2%	72.2%	72.1%	72.2%	72.4%	72.4%	72.5%	72.3%	72.2%
Cumulative fuel input, MMBtu HHV	749	1,483	2,254	3,019	3,798	4,558	5,315	6,089	6,846	7,605	8,358	9,111	9,860	10,631	11,398
Cumulative gross output, kWhr	54,797	109,958	169,590	227,397	286,732	344,995	400,315	457,566	514,007	571,893	630,335	688,560	745,990	802,053	857,801
Heat Rate															
Daily heat rate, Btu/kWe gross LHV	12,298	11,983	11,640	11,919	11,820	11,733	12,322	12,167	12,075	11,803	11,603	11,639	11,747	12,380	12,374
Daily heat rate, Btu/kWe gross HHV	13,661	13,312	12,931	13,241	13,131	13,034	13,688	13,516	13,414	13,112	12,890	12,929	13,049	13,752	13,746
Cumulative heat rate, Btu/kWe gross LHV	12,298	12,140	11,964	11,953	11,925	11,893	11,952	11,979	11,990	11,971	11,937	11,912	11,899	11,932	11,961
Cumulative heat rate, Btu/kWe gross HHV	13,661	13,486	13,291	13,278	13,248	13,211	13,277	13,307	13,319	13,298	13,260	13,232	13,218	13,255	13,287
Cumulative by Facility starting Calendar Year															
Max cumulative available engine run hours	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	12,672	12,768
Actual cumulative engine run hours	9,100	9,171	9,243	9,314	9,385	9,456	9,527	9,599	9,672	9,744	9,816	9,887	9,957	10,028	10,100
Cumulative Availability, %	79.7%	79.6%	79.6%	79.5%	79.5%	79.4%	79.4%	79.4%	79.3%	79.3%	79.3%	79.2%	79.2%	79.1%	79.1%
Max cumulative gross output, kWhr	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	10,454,400	10,533,600
Actual cumulative gross output, kWhr	7,060,472	7,115,633	7,175,265	7,233,072	7,292,407	7,350,670	7,405,990	7,463,241	7,519,682	7,577,568	7,636,010	7,694,235	7,751,665	7,807,728	7,863,476
Cumulative Capacity Factor	74.9%	74.9%	74.9%	74.9%	74.9%	74.8%	74.8%	74.8%	74.8%	74.7%	74.7%	74.7%	74.7%	74.7%	74.7%
Cumulative fuel input, MMBtu HHV	70,192	70,926	71,697	72,462	73,241	74,001	74,758	75,532	76,289	77,048	77,801	78,554	79,303	80,074	80,841
Cumulative gross output, kWhr	5,417,350	5,472,511	5,532,143	5,589,950	5,649,285	5,707,548	5,762,868	5,820,119	5,876,560	5,934,446	5,992,888	6,051,113	6,108,543	6,164,606	6,220,354
Cumulative heat rate, Btu/kWe gross LHV	11,664	11,667	11,661	11,669	11,671	11,671	11,678	11,683	11,686	11,687	11,687	11,686	11,687	11,693	11,699
Cumulative heat rate, Btu/kWe gross HHV	12,957	12,960	12,960	12,963	12,965	12,965	12,972	12,978	12,982	12,983	12,982	12,982	12,982	12,989	12,996
Service															
Engine 1															
Engine 2	Overcurrent shdt	C4, 15 spk plg		Spk plg change				Coolant leak						torched valves, 3 cylinder heads, 1 piston requires replac	
Engine 3															
Engine 4		C1, 15 spk plg													
Oil - oil and filter change															
Service - plugs, air filter, valve inspection and adjustment															
NSTAR Power Reports															
Date	5/1/11	5/2/11	5/3/11	5/4/11	5/5/11	5/6/11	5/7/11	5/8/11	5/9/11	5/10/11	5/11/11	5/12/11	5/13/11	5/14/11	5/15/11
Hour															
1	2,269	2,431	2,448	2,366	2,456	2,453	2,444	2,320	2,349	2,333	2,427	2,411	2,466	1,590	2,279
2	2,289	2,437	2,446	2,304	2,449	2,454	2,338	2,311	2,357	2,325	2,427	2,414	2,464	1,620	2,280
3	2,302	2,438	2,456	2,363	2,449	2,454	2,346	2,304	2,363	2,349	2,428	2,418	2,463	2,082	2,281
4	2,324	2,442	2,450	2,367	2,442	2,449	2,299	2,293	2,361	2,354	2,431	2,428	2,462	2,460	2,280
5	1,244	2,436	2,447	2,371	2,444	2,446	2,436	2,284	2,360	2,357	2,433	2,430	2,462	2,454	2,282
6	933	2,449	2,448	2,363	2,442	2,445	2,413	2,279	2,343	2,358	2,434	2,422	2,462	2,439	2,281
7	928	2,451	2,450	2,372	2,455	2,442	2,225	2,269	2,327	2,352	2,427	2,409	2,458	2,449	2,280
8	2,172	2,443	2,448	2,360	2,449	1,730	2,066	2,285	2,336	2,345	2,421	2,407	2,457	2,448	2,281
9	2,450	2,442	2,453	2,345	2,449	2,123	1,990	2,302	2,341	2,364	2,418	2,377	2,415	2,376	2,279
10	2,454	2,263	2,450	1,795	2,450	2,438	1,982	2,308	2,355	2,361	2,408	1,690	2,379	2,369	2,279
11	2,453	2,133	2,435	1,797	2,451	2,441	1,745	2,259	2,356	2,357	2,414	2,461	2,378	2,368	2,278
12	2,450	1,923	2,432	2,420	2,450	2,436	1,662	2,314	2,369	2,362	2,410	2,446	2,367	2,361	2,274
13	2,437	1,610	2,436	2,419	2,433	2,426	2,167	2,325	1,523	2,369	2,414	2,470	2,374	2,359	2,277
14	2,432	1,606	2,434	2,432	2,446	2,405	2,397	2,333	2,215	2,415	2,409	1,897	2,380	2,358	2,278
15	2,425	1,732	2,439	2,431	2,453	2,401	2,390	2,360	2,434	2,447	2,422	2,438	2,383	2,281	2,279
16	2,425	2,437	2,434	2,439	2,464	2,409	2,387	2,359	2,443	2,450	2,436	2,448	2,390	2,277	2,277
17	2,430	2,445	2,441	2,469	2,431	2,421	2,377	2,364	2,369	2,442	2,438	2,455	2,390	2,281	2,276
18	2,421	2,444	2,444	2,463	2,457	2,442	2,361	2,355	2,366	2,444	2,437	2,459	2,370	2,278	2,275
19	2,412	2,449	2,448	2,448	2,415	2,448	2,345	2,336	2,364	2,438	2,433	2,441	2,369	2,280	2,275
20	2,418	2,433	2,453	2,462	2,435	2,449	2,350	2,342	2,362	2,436	2,429	2,457	2,358	2,280	2,272
21	2,419	2,446	2,455	2,459	2,433	2,447	2,340	2,339	2,363	2,432	2,424	2,454	2,348	2,280	2,278
22	2,411	2,452	2,450	2,454	2,423	2,444	2,323	2,331	2,361	2,434	2,420	2,453	2,146	2,280	2,277
23	2,412	2,451	2,440	2,447	2,245	2,443	2,333	2,324	2,358	2,433	2,421	2,463	1,684	2,282	2,278
24	2,425	2,451	2,431	2,453	1,940	2,443	2,333	2,336	2,354	2,431	2,413	2,459	1,768	2,279	2,277
TOTAL	53,335	55,244	58,668	56,599	57,961	57,489	54,049	55,632	55,729	57,388	58,174	57,207	56,193	54,531	54,673
Cumulative Output Sold, kWhr	53,335	108,579	167,247	223,846	281,807	339,296	393,345	448,977	504,706	562,094	620,268	677,475	733,668	788,199	842,872
Transformer and line efficiency	99.7%	102.6%	100.9%	100.4%	100.0%	101.1%	100.3%	99.7%	101.4%	101.5%	102.0%	100.7%	100.4%	99.8%	100.7%
Hourly average	2,222	2,302	2,445	2,358	2,415	2,395	2,252	2,318	2,322	2,391	2,424	2,384	2,341	2,272	2,278

MAY 2011																	
CNBE Daily Reports Summary Data																	
	Monday 5/16/11	Tuesday 5/17/11	Wednesday 5/18/11	Thursday 5/19/11	Friday 5/20/11	Saturday 5/21/11	Sunday 5/22/11	Monday 5/23/11	Tuesday 5/24/11	Wednesday 5/25/11	Thursday 5/26/11	Friday 5/27/11	Saturday 5/28/11	Sunday 5/29/11	Monday 5/30/11	Tuesday 5/31/11	TOTAL
Landfill Gas Flow to the Engines (KSCF)	1,213	1,213	1,305	1,265	1,255	1,303	1,315	1,391	1,382	1,372	1,401	1,017	1,247	1,226	1,335	1,364	41,659
Landfill Gas Flow to the Engines (MMBTU HHV)	672	664	725	710	725	753	760	779	759	747	759	587	695	665	727	742	22,867
Landfill Gas Flow to the Flare (KSCF)	68	-	-	-	-	-	-	-	-	-	-	-	115	296	-	-	480
Landfill Gas Flow to the Flare (MMBTU HHV)	38	-	-	-	-	-	-	-	-	-	-	-	64	161	-	-	263
Landfill Gas Total Flow (KSCF)	1,281	1,213	1,305	1,265	1,255	1,303	1,315	1,391	1,382	1,372	1,401	1,017	1,362	1,522	1,335	1,364	42,138
Landfill Gas Total Flow (MMBTU HHV)	710	664	725	710	725	753	760	779	759	747	759	587	759	826	727	742	23,130
Average Methane Content (%)	54.8	54.1	54.9	55.5	57.1	57.1	57.1	55.3	54.3	53.8	53.5	57.0	55.0	53.6	53.8	53.8	54.2
Engine 1 Hours	24	24	10	-	-	-	-	12	23	12	13	19	24	24	24	24	593
Engine 2 Hours	-	10	23	24	22	24	24	24	24	24	14	4	24	24	24	24	571
Engine 3 Hours	7	-	17	14	17	24	24	23	24	24	24	18	1	1	-	11	325
Engine 4 Hours	24	24	21	24	24	24	24	24	16	12	24	15	14	12	22	14	673
Generator 1 Power Output (kWhr)	18,797	19,778	6,661	-	5	-	-	6,049	13,791	9,761	9,438	15,849	20,080	19,759	19,966	19,699	466,298
Generator 2 Power Output (kWhr)	67	5,171	16,089	19,141	15,117	15,705	15,841	13,501	16,341	18,766	10,459	3,331	19,393	19,161	19,619	19,753	437,097
Generator 3 Power Output (kWhr)	5,265	-	11,996	9,895	12,660	13,153	13,267	14,850	14,123	19,800	19,956	15,521	-	32	-	8,534	235,629
Generator 4 Power Output (kWhr)	19,481	19,520	16,645	19,169	19,402	20,157	20,331	18,068	10,613	8,541	17,934	11,143	11,193	9,098	16,541	9,518	525,806
Gross Power Output (kWhr)	43,820	44,642	51,755	48,326	47,338	49,181	49,607	52,549	55,436	57,382	58,117	45,967	50,838	48,437	56,656	57,969	1,675,821
Net Power Output (kWhr)	42,679	43,411	50,385	47,053	46,018	47,809	48,223	50,954	53,799	55,734	56,458	44,619	49,696	47,206	55,244	56,440	1,632,410
Power Sold as metered by NStar, (kWhr)	43,135	43,601	50,886	47,534	46,215	48,014	46,615	51,877	54,349	55,939	57,048	44,633	49,843	47,916	55,355	56,494	1,642,326
Offgrid RECs (kWhr)	1,141	1,231	1,370	1,273	1,320	1,372	1,384	1,595	1,637	1,648	1,659	1,348	1,142	1,231	1,412	1,529	43,411
Calculated Performance Results																	
Daily																	
Power output (kW average when running)																	
Generator 1	783	824	666	-	-	-	-	504	600	813	726	834	837	823	832	821	
Generator 2	-	517	700	798	687	654	660	563	681	782	747	833	808	798	817	823	
Generator 3	752	-	706	707	745	548	553	646	588	825	832	862	-	32	-	776	
Generator 4	812	813	793	799	808	840	847	753	663	712	747	743	800	758	752	680	
Power output (kW average over 24-hrs)																	
Facility Gross	1,826	1,860	2,156	2,014	1,972	2,049	2,067	2,190	2,310	2,391	2,422	1,915	2,118	2,018	2,361	2,415	
Facility Net	1,778	1,809	2,099	1,961	1,917	1,992	2,009	2,123	2,242	2,322	2,352	1,859	2,071	1,967	2,302	2,352	
In-plant load	48	51	57	53	55	57	58	66	68	69	69	56	48	51	59	64	
Daily availability factor																	
Facility	57%	60%	74%	65%	66%	75%	75%	86%	91%	75%	78%	58%	66%	64%	73%	76%	
Engine 1	100%	100%	42%	0%	0%	0%	0%	50%	96%	50%	54%	79%	100%	100%	100%	100%	
Engine 2	0%	42%	96%	100%	92%	100%	100%	100%	100%	100%	58%	17%	100%	100%	100%	100%	
Engine 3	29%	0%	71%	58%	71%	100%	100%	96%	100%	100%	100%	75%	4%	4%	0%	46%	
Engine 4	100%	100%	88%	100%	100%	100%	100%	100%	67%	50%	100%	63%	58%	50%	92%	58%	
Daily capacity factor																	
Facility	55%	56%	65%	61%	60%	62%	63%	66%	70%	72%	73%	58%	64%	61%	72%	73%	
Engine 1	95%	100%	81%	0%	0%	0%	0%	61%	73%	99%	88%	101%	101%	100%	101%	99%	
Engine 2	0%	63%	85%	97%	83%	79%	80%	68%	83%	95%	91%	101%	98%	97%	99%	100%	
Engine 3	91%	0%	86%	86%	90%	66%	67%	78%	71%	100%	101%	105%	0%	4%	0%	94%	
Engine 4	98%	99%	96%	97%	98%	102%	103%	91%	80%	86%	91%	90%	97%	92%	91%	82%	
Cumulative by engine																	
Engine operating run hours in the month																	
Max Cumulative Available, hours	384	408	432	456	480	504	528	552	576	600	624	648	672	696	720	720	
Engine 1	384	408	418	418	418	418	418	430	453	465	478	497	521	545	569	569	
Engine 2	258	268	291	315	337	361	385	409	433	457	471	475	499	523	547	547	
Engine 3	103	103	120	134	151	175	199	222	246	270	294	312	313	314	314	325	
Engine 4	379	403	424	448	472	496	520	544	560	572	596	611	625	637	659	651	
Engine operating run hours total from 0 hours																	
Engine 1	46,158	46,182	46,192	46,192	46,192	46,192	46,192	46,204	46,227	46,239	46,252	46,271	46,295	46,319	46,343	46,343	
Engine 2	45,018	45,028	45,051	45,075	45,097	45,121	45,145	45,169	45,193	45,217	45,231	45,235	45,259	45,283	45,307	45,307	
Engine 3	43,880	43,880	43,897	43,911	43,928	43,952	43,976	43,999	44,023	44,047	44,071	44,089	44,090	44,091	44,091	44,102	
Engine 4	44,091	44,115	44,136	44,160	44,184	44,208	44,232	44,256	44,272	44,284	44,308	44,323	44,337	44,349	44,371	44,363	
Cumulative availability, %																	
Engine 1	100%	100%	97%	92%	87%	83%	79%	78%	79%	78%	77%	77%	78%	78%	79%	79%	
Engine 2	67%	66%	67%	69%	70%	72%	73%	74%	75%	76%	75%	73%	74%	75%	76%	76%	
Engine 3	27%	25%	28%	29%	31%	35%	38%	40%	43%	45%	47%	48%	47%	45%	44%	45%	
Engine 4	99%	99%	98%	98%	98%	98%	98%	99%	97%	95%	96%	94%	93%	92%	92%	90%	
Engine cumulative gross output, kWhr																	
Max cumulative capacity one engine	13,200	14,025	14,850	15,675	16,500	17,325	18,150	18,975	19,800	20,625	21,450	22,275	23,100	23,925	24,750	24,750	
Engine 1	12,728	13,552	14,218	14,218	14,218	14,218	14,218	14,722	15,321	16,135	16,861	17,695	18,532	19,355	20,187	20,176	
Engine 2	9,816	10,333	11,033	11,830	12,517	13,172	13,832	14,394	15,075	15,857	16,604	17,437	18,245	19,043	19,861	19,866	
Engine 3	4,751	4,751	5,457	6,163	6,908	7,456	8,009	8,655	9,243	10,068	10,899	11,762	11,762	11,794	11,794	12,570	
Engine 4	12,574	13,388	14,180	14,979	15,788	16,627	17,475	18,227	18,891	19,602	20,350	21,093	21,892	22,650	23,402	23,330	
Cumulative capacity factor, %																	
Engine 1	96%	97%	96%	91%	86%	82%	78%	78%	77%	78%	79%	79%	80%	81%	82%	82%	
Engine 2	74%	74%	74%	75%	76%	76%	76%	76%	76%	77%	77%	78%	79%	80%	80%	80%	
Engine 3	36%	34%	37%	39%	42%	43%	44%	46%	47%	49%	51%	53%	51%	49%	48%	51%	
Engine 4	95%	95%	95%	96%	96%	96%	96%	96%	95%	95%	95%	95%	95%	95%	95%	94%	

	Monday 5/16/11	Tuesday 5/17/11	Wednesday 5/18/11	Thursday 5/19/11	Friday 5/20/11	Saturday 5/21/11	Sunday 5/22/11	Monday 5/23/11	Tuesday 5/24/11	Wednesday 5/25/11	Thursday 5/26/11	Friday 5/27/11	Saturday 5/28/11	Sunday 5/29/11	Monday 5/30/11	Tuesday 5/31/11	TOTAL
Cumulative by Facility in month																	
Max cumulative available engine run hours	1,536	1,632	1,728	1,824	1,920	2,016	2,112	2,208	2,304	2,400	2,496	2,592	2,688	2,784	2,880	2,880	
Actual cumulative engine run hours	1,124	1,182	1,253	1,315	1,378	1,450	1,522	1,605	1,692	1,764	1,839	1,895	1,958	2,019	2,089	2,092	
Cumulative Availability, %	73.2%	72.4%	72.5%	72.1%	71.8%	71.9%	72.1%	72.7%	73.4%	73.5%	73.7%	73.1%	72.8%	72.5%	72.5%	72.6%	
Max cumulative gross output, kWhr	1,267,200	1,346,400	1,425,600	1,504,800	1,584,000	1,663,200	1,742,400	1,821,600	1,900,800	1,980,000	2,059,200	2,138,400	2,217,600	2,296,800	2,376,000	2,376,000	
Actual cumulative gross output, kWhr	901,621	946,263	998,018	1,046,344	1,093,682	1,142,863	1,192,470	1,245,019	1,300,455	1,357,837	1,415,954	1,461,921	1,512,759	1,561,196	1,617,852	1,619,165	
Cumulative Capacity Factor	71.2%	70.3%	70.0%	69.5%	69.0%	68.7%	68.4%	68.3%	68.4%	68.6%	68.8%	68.4%	68.2%	68.0%	68.1%	68.1%	
Cumulative fuel input, MMBtu HHV	12,070	12,735	13,460	14,170	14,895	15,648	16,408	17,186	17,946	18,693	19,452	20,039	20,733	21,398	22,125	22,141	
Cumulative gross output, kWhr	901,621	946,263	998,018	1,046,344	1,093,682	1,142,863	1,192,470	1,245,019	1,300,455	1,357,837	1,415,954	1,461,921	1,512,759	1,561,196	1,617,852	1,619,165	
Heat Rate																	
Daily heat rate, Btu/kWe gross LHV	13,813	13,398	12,617	13,227	13,785	13,785	13,785	13,338	12,332	11,719	11,755	11,494	12,298	12,366	11,548	11,524	
Daily heat rate, Btu/kWe gross HHV	15,345	14,883	14,016	14,694	15,313	15,313	15,313	14,817	13,699	13,018	13,058	12,768	13,661	13,737	12,828	12,802	
Cumulative heat rate, Btu/kWe gross LHV	12,051	12,115	12,141	12,191	12,260	12,326	12,386	12,426	12,422	12,393	12,366	12,339	12,338	12,339	12,311	12,309	
Cumulative heat rate, Btu/kWe gross HHV	13,387	13,458	13,487	13,542	13,619	13,692	13,759	13,804	13,800	13,767	13,737	13,707	13,705	13,706	13,676	13,674	
Cumulative by Facility starting Calendar Year																	
Max cumulative available engine run hours	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	14,112	14,208	14,208	
Actual cumulative engine run hours	10,155	10,213	10,284	10,346	10,409	10,481	10,553	10,636	10,723	10,795	10,870	10,926	10,989	11,050	11,120	11,123	
Cumulative Availability, %	78.9%	78.8%	78.8%	78.7%	78.6%	78.5%	78.5%	78.6%	78.7%	78.6%	78.6%	78.5%	78.4%	78.3%	78.3%	78.3%	
Max cumulative gross output, kWhr	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	11,642,400	11,721,600	11,721,600	
Actual cumulative gross output, kWhr	7,907,296	7,951,938	8,003,693	8,052,019	8,099,357	8,148,538	8,198,145	8,250,694	8,306,130	8,363,512	8,421,629	8,467,596	8,518,434	8,566,871	8,623,527	8,624,840	
Cumulative Capacity Factor	74.5%	74.4%	74.3%	74.2%	74.1%	74.0%	73.9%	73.9%	73.8%	73.8%	73.8%	73.7%	73.7%	73.6%	73.6%	73.6%	
Cumulative fuel input, MMBtu HHV	81,513	82,178	82,903	83,613	84,338	85,091	85,851	86,629	87,389	88,136	88,895	89,482	90,176	90,841	91,568	91,584	
Cumulative gross output, kWhr	6,264,174	6,308,816	6,360,571	6,408,897	6,456,235	6,505,416	6,555,023	6,607,572	6,663,008	6,720,390	6,778,507	6,824,474	6,875,312	6,923,749	6,980,405	6,981,718	
Cumulative heat rate, Btu/kWe gross LHV	11,714	11,726	11,733	11,744	11,759	11,775	11,790	11,802	11,806	11,806	11,805	11,803	11,807	11,811	11,809	11,808	
Cumulative heat rate, Btu/kWe gross HHV	13,013	13,026	13,034	13,046	13,063	13,080	13,097	13,111	13,116	13,115	13,114	13,112	13,116	13,120	13,118	13,118	
Service																	
Engine 1			In-frame		Completed		Too lean			E1 fuel system	E-1, O-Rings on Texjet						
Engine 2	ement.	Back on line.			Wiring harness needs repair on C7						Bad waste gate.					Flower pot exhaust leak.	
Engine 3	Top-end	Top-end					Too lean						Problem restart-fuel system?			Fixed with Enginuity.	
Engine 4										Reprogramming idle circuit and freeing up fuel valves				Full load Reverse	Power trip unresolved.		
Oil - oil and filter change										Ron Richardson adjust fuel system for oversize air c	Nstar trip						
Service - plugs, air filter, valve inspection and adjust										Fixed and cleaned fuel valves.							
										3:30 PM - 5:30 PM	8 AM to 5 PM	8 AM to 5 PM					
NSTAR Power Reports																	
Date	Monday 5/16/11	Tuesday 5/17/11	Wednesday 5/18/11	Thursday 5/19/11	Friday 5/20/11	Saturday 5/21/11	Sunday 5/22/11	Monday 5/23/11	Tuesday 5/24/11	Wednesday 5/25/11	Thursday 5/26/11	Friday 5/27/11	Saturday 5/28/11	Sunday 5/29/11	Monday 5/30/11	Tuesday 5/31/11	TOTAL
Hour																	
1	2,278	1,615	2,194	2,364	1,606	2,028	1,985	1,926	2,214	2,402	2,344	2,408	2,386	1,635	2,428	2,306	
2	2,280	1,616	2,194	2,379	1,607	2,086	1,970	1,917	2,231	2,401	2,342	2,408	2,387	1,633	2,426	2,306	
3	2,282	1,615	2,194	2,372	1,609	1,875	1,975	1,935	2,212	2,401	2,344	2,412	2,398	1,635	2,427	2,306	
4	2,282	1,615	2,195	2,372	1,613	1,585	1,963	1,928	2,191	2,402	2,345	2,410	2,416	1,636	2,430	2,304	
5	2,281	1,615	2,195	2,396	1,610	1,584	1,953	1,932	2,166	2,401	2,345	2,410	2,391	1,625	2,433	2,302	
6	2,281	1,615	2,190	2,403	1,612	1,585	1,954	1,934	2,146	2,402	2,344	2,404	2,373	1,616	2,432	2,298	
7	2,247	1,614	2,191	2,377	1,615	1,585	1,926	1,931	2,164	2,399	2,343	2,409	2,374	1,614	2,423	2,273	
8	1,621	1,572	2,182	2,355	1,374	1,585	1,919	1,940	2,160	2,397	2,346	2,407	2,374	1,611	2,422	2,250	
9	1,620	1,601	1,668	2,359	1,551	1,899	1,914	2,181	2,154	2,389	2,338	2,408	2,348	1,608	2,422	2,293	
10	1,624	1,601	1,973	2,220	1,899	2,183	1,923	2,331	1,991	2,234	2,339	2,400	2,328	1,605	2,417	2,380	
11	1,685	1,602	1,981	2,389	2,338	2,258	1,921	2,321	2,017	2,324	2,339	2,403	2,097	1,598	2,417	2,359	
12	1,624	1,603	1,703	2,406	1,886	2,259	1,925	2,324	2,079	2,334	2,418	2,024	1,703	1,834	2,422	2,332	
13	1,621	1,603	1,488	1,950	2,003	2,260	1,967	2,283	2,058	2,367	2,608	2,063	2,336	2,141	2,423	2,160	
14	1,617	1,601	1,533	1,633	2,184	2,259	1,943	2,094	2,431	2,081	2,381	2,309	2,397	1,968	1,940	2,397	
15	1,615	1,772	1,642	1,607	2,000	2,259	1,930	2,181	2,423	2,205	2,346	2,326	1,854	2,401	1,855	2,423	
16	1,617	1,878	2,141	1,629	2,285	2,256	1,945	2,423	2,442	2,210	2,223	2,448	1,758	2,399	1,893	2,429	
17	1,602	2,106	2,457	1,623	2,281	2,258	1,958	2,413	2,599	2,210	2,415	2,442	2,169	2,407	2,129	2,435	
18	1,283	2,186	2,456	1,616	2,283	2,174	1,953	2,402	2,359	2,323	2,414	2,446	1,749	2,405	2,256	2,406	
19	1,606	2,194	2,431	1,628	2,285	2,030	1,940	2,381	2,372	2,346	2,414	912	1,681	2,430	2,277	2,415	
20	1,609	2,194	2,386	1,642	2,269	2,009	1,921	2,252	2,387	2,344	2,415	-	1,686	2,425	2,282	2,420	
21	1,615	2,197	2,341	1,041	2,293	2,022	1,948	2,237	2,381	2,342	2,414	-	1,675	2,422	2,299	2,422	
22	1,615	2,196	2,387	1,569	2,288	1,999	1,925	2,214	2,384	2,342	2,412	-	1,668	2,421	2,293	2,426	
23	1,615	2,196	2,385	1,597	1,920	1,977	1,923	2,191	2,386	2,340	2,410	-	1,654	2,421	2,304	2,426	
24	1,615	2,194	2,379	1,607	1,804	1,999	1,934	2,206	2,402	2,343	2,409	1,184	1,641	2,426	2,305	2,426	
TOTAL	43,135	43,601	50,886	47,534	46,215	48,014	46,615	51,877	54,349	55,939	57,048	44,633	49,843	47,916	55,355	56,494	
Cumulative Output Solid, kWhr	886,007	929,608	980,494	1,028,028	1,074,243	1,122,257	1,168,872	1,220,749	1,275,098	1,331,037	1,388,085	1,432,718	1,482,561	1,530,477	1,585,832	1,642,326	
Transformer and line efficiency	101.1%	100.4%	101.0%	101.0%	100.4%	100.4%	96.7%	101.8%	101.0%	100.4%	101.0%	100.0%	100.3%	101.5%	100.2%	100.1%	0.0%
Hourly average	1,797	1,817	2,120	1,981	1,926	2,001	1,942	2,162	2,265	2,331	2,377	1,860	2,077	1,997	2,306	2,354	2,207

JUNE 2011 CNBE Daily Reports Summary Data																
	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	
	6/1/11	6/2/11	6/3/11	6/4/11	6/5/11	6/6/11	6/7/11	6/8/11	6/9/11	6/10/11	6/11/11	6/12/11	6/13/11	6/14/11	6/15/11	
Landfill Gas Flow to the Engines (KSCF)	1,378	1,404	1,439	1,447	1,476	1,420	1,416	1,390	1,350	1,378	1,010	1,401	1,404	1,471	1,429	
Landfill Gas Flow to the Engines (MMBTU HHV)	758	768	774	771	787	760	757	743	733	747	550	762	756	782	766	
Landfill Gas Flow to the Flare (KSCF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Flow to the Flare (MMBTU HHV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Total Flow (KSCF)	1,378	1,404	1,439	1,447	1,476	1,420	1,416	1,390	1,350	1,378	1,010	1,401	1,404	1,471	1,429	
Landfill Gas Total Flow (MMBTU HHV)	758	768	774	771	787	760	757	743	733	747	550	762	756	782	766	
Average Methane Content (%)	54.4	54.0	53.2	52.7	52.7	52.8	52.8	52.8	53.6	53.6	53.8	53.8	53.2	52.5	53.0	
Engine 1 Hours	24	24	24	24	24	23	24	24	23	24	17	24	23	24	21	
Engine 2 Hours	24	24	24	24	24	-	-	1	9	24	17	24	19	24	24	
Engine 3 Hours	24	24	24	24	24	24	24	24	23	24	17	24	23	24	24	
Engine 4 Hours	-	-	-	-	-	14	24	24	13	-	-	-	7	5	7	
Generator 1 Power Output (kWhr)	19,230	19,659	19,647	19,370	19,784	18,485	20,341	20,143	18,554	19,859	14,763	19,896	19,062	20,432	16,295	
Generator 2 Power Output (kWhr)	19,229	19,455	19,610	19,850	18,858	8,064	-	374	7,006	19,511	14,646	18,897	15,188	19,841	20,003	
Generator 3 Power Output (kWhr)	19,426	19,866	19,994	19,852	20,251	19,651	19,363	19,598	18,827	19,775	14,858	18,249	17,902	19,878	19,836	
Generator 4 Power Output (kWhr)	-	-	-	-	-	11,341	18,832	17,165	9,581	-	-	207	5,329	1,505	4,155	
Gross Power Output (kWhr)	58,341	59,473	59,747	59,398	59,589	57,929	58,955	57,714	54,484	59,222	44,289	57,252	57,495	61,659	60,292	
Net Power Output (kWhr)	56,631	57,722	58,007	57,771	57,852	56,266	57,219	55,921	52,776	57,386	43,023	55,865	56,052	59,960	58,505	
Power Sold as metered by NStar, (kWhr)	56,123	56,743	56,478	56,560	56,144	55,815	56,420	55,405	51,698	55,547	40,223	55,787	56,048	59,950	58,505	
Offgrid RECs (kWhr)	1,710	1,751	1,740	1,739	1,737	1,757	1,813	1,881	1,792	1,836	1,266	1,469	1,520	1,793	1,896	
Calculated Performance Results																
Daily																
Power output (kW average when running)																
Generator 1	801	819	819	807	824	804	848	839	807	827	868	829	829	851	776	
Generator 2	801	811	817	827	786	-	-	374	778	813	862	787	799	827	833	
Generator 3	809	828	833	827	844	819	807	817	819	824	874	760	778	828	827	
Generator 4	-	-	-	-	-	810	785	715	737	-	-	-	761	301	594	
Power output (kW average over 24-hrs)																
Facility Gross	2,431	2,478	2,489	2,475	2,483	2,414	2,456	2,405	2,270	2,468	1,845	2,386	2,396	2,569	2,512	
Facility Net	2,360	2,405	2,417	2,407	2,411	2,344	2,384	2,330	2,199	2,391	1,793	2,328	2,336	2,498	2,438	
In-plant load	71	73	73	68	72	69	72	75	71	77	53	58	60	71	74	
Daily availability factor																
Facility	75%	75%	75%	75%	75%	64%	75%	76%	71%	75%	53%	75%	75%	80%	79%	
Engine 1	100%	100%	100%	100%	100%	96%	100%	100%	96%	100%	71%	100%	96%	100%	88%	
Engine 2	100%	100%	100%	100%	100%	0%	0%	4%	38%	100%	71%	100%	79%	100%	100%	
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	71%	100%	96%	100%	100%	
Engine 4	0%	0%	0%	0%	0%	58%	100%	100%	54%	0%	0%	0%	29%	21%	29%	
Daily capacity factor																
Facility	74%	75%	75%	75%	75%	73%	74%	73%	69%	75%	56%	72%	73%	78%	76%	
Engine 1	97%	99%	99%	98%	100%	97%	103%	102%	98%	100%	105%	100%	100%	103%	94%	
Engine 2	97%	98%	99%	100%	95%	0%	0%	45%	94%	99%	104%	95%	97%	100%	101%	
Engine 3	98%	100%	101%	100%	102%	99%	98%	99%	99%	100%	106%	92%	94%	100%	100%	
Engine 4	0%	0%	0%	0%	0%	98%	95%	87%	89%	0%	0%	0%	92%	36%	72%	
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	143	167	191	214	238	255	279	302	326	347	
Engine 2	24	48	72	96	120	120	120	121	130	154	171	195	214	238	262	
Engine 3	24	48	72	96	120	144	168	192	215	239	256	280	303	327	351	
Engine 4	0	0	0	0	0	14	38	62	75	75	75	75	82	87	94	
Engine operating run hours total from 0 hours																
Engine 1	46,367	46,391	46,415	46,439	46,463	46,486	46,510	46,534	46,557	46,581	46,598	46,622	46,645	46,669	46,690	
Engine 2	45,331	45,355	45,379	45,403	45,427	45,427	45,427	45,428	45,437	45,461	45,478	45,502	45,521	45,545	45,569	
Engine 3	44,126	44,198	44,222	44,246	44,270	44,294	44,317	44,341	44,358	44,382	44,405	44,429	44,453	44,477	44,501	
Engine 4	44,363	44,363	44,363	44,363	44,363	44,377	44,401	44,425	44,438	44,438	44,438	44,438	44,445	44,450	44,457	
Cumulative availability, %																
Engine 1	100%	100%	100%	100%	100%	99%	99%	99%	99%	99%	97%	97%	97%	97%	96%	
Engine 2	100%	100%	100%	100%	100%	83%	71%	63%	60%	64%	65%	68%	69%	71%	73%	
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	97%	97%	97%	97%	98%	
Engine 4	0%	0%	0%	0%	0%	10%	23%	32%	35%	31%	28%	26%	26%	26%	26%	
Engine cumulative gross output, kWhr																
Max cumulative capacity one engine	825	1,650	2,475	3,300	4,125	4,950	5,775	6,600	7,425	8,250	9,075	9,900	10,725	11,550	12,375	
Engine 1	801	1,620	2,439	3,246	4,070	4,874	5,722	6,561	7,368	8,195	9,064	9,893	10,721	11,573	12,349	
Engine 2	801	1,612	2,429	3,256	4,042	4,042	4,042	4,416	5,194	6,007	6,869	7,656	8,455	9,282	10,116	
Engine 3	809	1,637	2,470	3,297	4,141	4,960	5,767	6,583	7,402	8,226	9,100	9,860	10,639	11,467	12,293	
Engine 4	-	-	-	-	-	810	1,595	2,310	3,047	3,047	3,047	3,047	3,808	4,109	4,703	
Cumulative capacity factor, %																
Engine 1	97%	98%	99%	98%	99%	98%	99%	99%	99%	99%	100%	100%	100%	100%	100%	
Engine 2	97%	98%	98%	99%	98%	82%	70%	67%	70%	73%	76%	77%	79%	80%	82%	
Engine 3	98%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	99%	99%	
Engine 4	0%	0%	0%	0%	0%	16%	28%	35%	41%	37%	34%	31%	36%	36%	38%	

	Wednesday 6/1/11	Thursday 6/2/11	Friday 6/3/11	Saturday 6/4/11	Sunday 6/5/11	Monday 6/6/11	Tuesday 6/7/11	Wednesday 6/8/11	Thursday 6/9/11	Friday 6/10/11	Saturday 6/11/11	Sunday 6/12/11	Monday 6/13/11	Tuesday 6/14/11	Wednesday 6/15/11
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	421	493	566	634	706	789	829	901	978	1,054
Cumulative Availability, %	75.0%	75.0%	75.0%	75.0%	75.0%	73.1%	73.4%	73.7%	73.4%	73.5%	71.7%	72.0%	72.2%	72.8%	73.2%
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	58,341	117,814	177,561	236,959	296,548	354,477	413,432	471,146	525,630	584,852	629,141	686,393	743,888	805,547	865,839
Cumulative Capacity Factor	73.7%	74.4%	74.7%	74.8%	74.9%	74.6%	74.6%	74.4%	73.7%	73.8%	72.2%	72.2%	72.3%	72.7%	72.9%
Cumulative fuel input, MMBtu HHV	758	1,526	2,300	3,071	3,858	4,617	5,374	6,117	6,850	7,597	8,147	8,909	9,665	10,447	11,213
Cumulative gross output, kWhr	58,341	117,814	177,561	236,959	296,548	354,477	413,432	471,146	525,630	584,852	629,141	686,393	743,888	805,547	865,839
Heat Rate															
Daily heat rate, Btu/kWe gross LHV	11,701	11,619	11,666	11,683	11,883	11,805	11,557	11,589	12,106	11,358	11,171	11,986	11,840	11,417	11,432
Daily heat rate, Btu/kWe gross HHV	12,998	12,907	12,960	12,979	13,200	13,114	12,839	12,874	13,448	12,617	12,410	13,315	13,152	12,683	12,700
Cumulative heat rate, Btu/kWe gross LHV	11,701	11,659	11,662	11,667	11,710	11,726	11,702	11,688	11,731	11,694	11,657	11,684	11,696	11,675	11,658
Cumulative heat rate, Btu/kWe gross HHV	12,998	12,952	12,954	12,960	13,009	13,026	12,999	12,984	13,032	12,990	12,949	12,980	12,993	12,969	12,950
Cumulative by Facility starting Calendar Year															
Max cumulative available engine run hours	14,304	14,400	14,496	14,592	14,688	14,784	14,880	14,976	15,072	15,168	15,264	15,360	15,456	15,552	15,648
Actual cumulative engine run hours	11,195	11,267	11,339	11,411	11,483	11,544	11,616	11,689	11,757	11,829	11,880	11,952	12,024	12,101	12,177
Cumulative Availability, %	78.3%	78.2%	78.2%	78.2%	78.2%	78.1%	78.1%	78.1%	78.0%	78.0%	77.8%	77.8%	77.8%	77.8%	77.8%
Max cumulative gross output, kWhr	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	12,751,200	12,830,400	12,909,600
Actual cumulative gross output, kWhr	8,683,181	8,742,654	8,802,401	8,861,799	8,921,388	8,979,317	9,038,272	9,095,986	9,150,470	9,209,692	9,253,981	9,311,233	9,368,728	9,430,387	9,490,679
Cumulative Capacity Factor	73.6%	73.6%	73.6%	73.6%	73.6%	73.6%	73.6%	73.6%	73.6%	73.6%	73.5%	73.5%	73.5%	73.5%	73.5%
Cumulative fuel input, MMBtu HHV	92,342	93,109	93,884	94,655	95,441	96,201	96,958	97,701	98,434	99,181	99,730	100,493	101,249	102,031	102,797
Cumulative gross output, kWhr	7,040,059	7,099,532	7,159,279	7,218,677	7,278,266	7,336,195	7,395,150	7,452,864	7,507,348	7,566,570	7,610,859	7,668,111	7,725,606	7,787,265	7,847,557
Cumulative heat rate, Btu/kWe gross LHV	11,808	11,806	11,805	11,804	11,804	11,804	11,802	11,801	11,803	11,800	11,796	11,797	11,798	11,795	11,792
Cumulative heat rate, Btu/kWe gross HHV	13,117	13,115	13,114	13,112	13,113	13,113	13,111	13,109	13,112	13,108	13,104	13,105	13,106	13,102	13,099
Service															
Engine 1									NStar trip		NStar trip				
Engine 2								Flower pot fixed	C6 valve guide fix		NStar trip				
Engine 3											NStar trip				
Engine 4								Proact sticking							
Oil - oil and filter change								Increase AC temp. to lower ht rate?			3-C scheduled outage				
Service - plugs, air filter, valve inspection and adjustment															
NSTAR Power Reports															
Date	Wednesday 6/1/11	Thursday 6/2/11	Friday 6/3/11	Saturday 6/4/11	Sunday 6/5/11	Monday 6/6/11	Tuesday 6/7/11	Wednesday 6/8/11	Thursday 6/9/11	Friday 6/10/11	Saturday 6/11/11	Sunday 6/12/11	Monday 6/13/11	Tuesday 6/14/11	Wednesday 6/15/11
Hour															
1	2,430	2,415	2,294	2,324	2,372	2,394	2,292	2,362	2,266	2,280	2,271	2,289	2,335	2,461	2,492
2	2,433	2,390	2,294	2,336	2,387	2,400	2,319	2,342	2,286	2,263	2,276	2,286	2,338	2,472	2,489
3	2,437	2,395	2,310	2,357	2,396	2,401	2,317	2,342	2,238	2,256	2,303	2,280	2,339	2,462	2,493
4	2,439	2,327	2,341	2,369	2,381	2,403	2,319	2,339	2,229	2,278	2,309	2,276	2,338	2,459	2,504
5	2,434	2,381	2,379	2,386	2,374	2,402	2,315	2,336	2,242	2,285	2,302	2,285	2,326	2,461	2,493
6	2,432	2,416	2,405	2,431	2,378	2,401	2,357	2,341	2,236	2,267	2,298	2,277	2,328	2,460	2,492
7	2,355	2,407	2,389	2,389	2,353	2,397	2,350	2,338	2,217	2,293	2,271	2,282	2,324	2,454	2,499
8	2,290	2,375	2,311	2,353	2,289	2,357	2,339	2,302	2,207	2,313	1,952	2,290	2,322	2,459	2,494
9	2,294	2,351	2,270	2,330	2,354	2,125	2,352	2,320	2,186	2,341	-	2,297	2,315	2,452	2,488
10	1,379	2,377	2,342	2,361	2,301	1,687	2,380	2,327	2,203	2,342	-	2,280	1,857	2,583	1,819
11	2,307	2,410	2,406	2,388	2,330	2,323	2,405	2,335	2,253	2,367	-	2,354	2,331	2,621	2,394
12	2,340	2,409	2,403	2,365	2,374	2,337	2,400	2,336	2,284	2,294	1,980	2,372	2,383	2,590	2,396
13	2,359	2,415	2,396	2,366	2,375	2,331	2,388	2,229	2,306	2,318	2,387	2,365	2,383	2,569	2,412
14	2,400	2,415	2,403	2,356	2,361	2,336	2,397	2,422	2,398	2,328	2,377	2,362	1,603	2,590	2,605
15	2,390	2,419	2,334	2,356	2,313	2,361	2,249	2,147	2,404	2,362	2,386	2,364	2,274	2,564	2,509
16	2,387	2,400	2,471	2,377	2,292	2,393	2,396	2,301	2,396	2,417	2,385	2,355	2,410	2,471	2,426
17	2,402	2,401	2,459	2,333	2,303	2,395	2,363	2,310	2,410	2,414	2,388	2,360	2,527	2,475	2,431
18	2,407	2,353	2,406	2,294	2,282	2,411	2,360	2,307	2,403	2,346	2,383	2,359	2,494	2,475	2,429
19	2,364	2,314	2,350	2,281	2,292	2,358	2,382	2,305	2,354	2,298	1,077	2,356	2,485	2,475	2,448
20	2,389	2,285	2,331	2,332	2,315	2,337	2,364	2,299	2,280	2,302	-	2,349	2,476	2,478	2,447
21	2,356	2,230	2,303	2,344	2,311	2,342	2,320	2,305	1,719	2,305	3	2,342	2,470	2,481	2,438
22	2,347	2,302	2,288	2,362	2,281	2,319	2,334	2,281	41	2,332	370	2,334	2,468	2,479	2,433
23	2,372	2,295	2,289	2,376	2,344	2,315	2,360	2,245	1,863	2,289	2,178	2,336	2,466	2,477	2,435
24	2,380	2,261	2,304	2,394	2,386	2,290	2,362	2,234	2,277	2,257	2,327	2,337	2,456	2,482	2,439
TOTAL	56,123	56,743	56,478	56,560	56,144	55,815	56,420	55,405	51,698	55,547	40,223	55,787	56,048	59,950	58,505
Cumulative Output Sold, kWhr	56,123	112,866	169,344	225,904	282,048	337,863	394,283	449,688	501,386	556,933	597,156	652,943	708,991	768,941	827,446
Transformer and line efficiency	99.1%	98.3%	97.4%	97.9%	97.0%	99.2%	98.6%	99.1%	98.0%	96.8%	93.5%	99.9%	100.0%	100.0%	100.0%
Hourly average	2,338	2,364	2,353	2,357	2,339	2,326	2,351	2,309	2,154	2,314	1,676	2,324	2,335	2,498	2,438

JUNE 2011 CNBE Daily Reports Summary Data																	
	Thursday 6/16/11	Friday 6/17/11	Saturday 6/18/11	Sunday 6/19/11	Monday 6/20/11	Tuesday 6/21/11	Wednesday 6/22/11	Thursday 6/23/11	Friday 6/24/11	Saturday 6/25/11	Sunday 6/26/11	Monday 6/27/11	Tuesday 6/28/11	Wednesday 6/29/11	Thursday 6/30/11	TOTAL	
Landfill Gas Flow to the Engines (KSCF)	1,418	1,435	1,371	1,385	1,417	1,381	1,341	1,404	1,384	1,382	1,373	1,403	1,384	1,389	1,415	41,696	
Landfill Gas Flow to the Engines (MMBTU HHV)	756	758	735	744	756	741	726	769	758	756	748	753	748	751	761	22,472	
Landfill Gas Flow to the Flare (KSCF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Flow to the Flare (MMBTU HHV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landfill Gas Total Flow (KSCF)	1,418	1,435	1,371	1,385	1,417	1,381	1,341	1,404	1,384	1,382	1,373	1,403	1,384	1,389	1,415	41,696	
Landfill Gas Total Flow (MMBTU HHV)	756	758	735	744	756	741	726	769	758	756	748	753	748	751	761	22,472	
Average Methane Content (%)	52.7	52.2	52.9	53.0	52.8	53.0	53.5	54.1	54.1	54.1	53.8	53.1	53.4	53.4	53.1	53.3	
Engine 1 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	707	
Engine 2 Hours	24	14	-	-	4	-	-	5	4	-	-	15	24	23	24	399	
Engine 3 Hours	24	24	24	24	24	24	23	24	24	24	24	24	24	24	24	710	
Engine 4 Hours	6	15	24	24	24	24	24	24	24	24	24	14	2	5	4	356	
Generator 1 Power Output (kWhr)	19,341	19,479	20,151	20,164	20,099	20,060	20,285	20,581	20,613	20,413	20,383	19,767	19,714	20,034	20,285	586,889	
Generator 2 Power Output (kWhr)	19,350	9,778	-	-	1,125	-	-	1,266	1,192	-	-	10,606	20,392	18,803	19,528	322,572	
Generator 3 Power Output (kWhr)	20,227	20,304	20,462	20,470	20,422	20,408	18,922	20,471	20,525	20,491	20,453	20,423	20,452	20,453	20,460	592,269	
Generator 4 Power Output (kWhr)	1,426	10,144	19,613	19,614	19,222	19,642	19,624	19,496	19,322	19,666	19,666	9,911	325	1,353	458	267,597	
Gross Power Output (kWhr)	60,348	59,706	60,228	60,255	60,859	60,120	58,835	61,811	61,645	60,561	60,494	60,725	60,935	60,724	60,819	1,773,904	
Net Power Output (kWhr)	58,485	57,874	58,498	58,533	59,035	58,309	57,118	59,994	59,797	58,754	58,650	58,756	58,955	58,715	58,826	1,721,255	
Power Sold as metered by NStar, (kWhr)	58,485	57,874	58,498	58,533	59,035	58,309	57,118	59,994	59,796	58,754	58,650	58,756	58,955	58,715	58,826	1,707,744	
Offgrid RECs (kWhr)	1,978	1,918	1,817	1,801	1,900	1,862	1,829	1,872	1,848	1,807	1,844	1,969	1,980	2,009	1,993	54,127	
Calculated Performance Results																	
Daily																	
Power output (kW average when running)																	
Generator 1	806	812	840	840	837	836	845	858	859	851	849	824	821	835	845		
Generator 2	806	698	-	-	281	-	-	253	298	-	-	707	850	818	814		
Generator 3	843	846	853	853	851	850	823	853	855	854	852	851	852	852	853		
Generator 4	238	676	817	817	801	818	818	812	805	819	819	708	163	271	115		
Power output (kW average over 24-hrs)																	
Facility Gross	2,515	2,488	2,510	2,511	2,536	2,505	2,451	2,575	2,569	2,523	2,521	2,530	2,539	2,530	2,534		
Facility Net	2,437	2,411	2,437	2,439	2,460	2,430	2,380	2,500	2,492	2,448	2,444	2,448	2,456	2,446	2,451		
In-plant load	78	76	72	72	76	75	72	76	77	75	77	82	83	84	83		
Daily availability factor																	
Facility	81%	80%	75%	75%	79%	75%	74%	80%	79%	75%	75%	80%	77%	79%	79%		
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
Engine 2	100%	58%	0%	0%	17%	0%	0%	21%	17%	0%	0%	63%	100%	96%	100%		
Engine 3	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%		
Engine 4	25%	63%	100%	100%	100%	100%	100%	100%	100%	100%	100%	58%	8%	21%	17%		
Daily capacity factor																	
Facility	76%	75%	76%	76%	77%	76%	74%	78%	78%	76%	76%	77%	77%	77%	77%		
Engine 1	98%	98%	102%	102%	102%	101%	102%	104%	103%	103%	100%	100%	101%	101%	102%		
Engine 2	98%	85%	0%	0%	34%	0%	0%	31%	36%	0%	0%	86%	103%	99%	99%		
Engine 3	102%	103%	103%	103%	103%	103%	100%	103%	104%	103%	103%	103%	103%	103%	103%		
Engine 4	29%	82%	99%	99%	97%	99%	99%	98%	98%	99%	99%	86%	20%	33%	14%		
Cumulative by engine																	
Engine operating run hours in the month																	
Max Cumulative Available, hours	384	408	432	456	480	504	528	552	576	600	624	648	672	696	720		
Engine 1	371	395	419	443	467	491	515	539	563	587	611	635	659	683	707		
Engine 2	286	300	300	300	304	304	304	309	313	313	313	328	352	375	399		
Engine 3	375	399	423	447	471	495	518	542	566	590	614	638	662	686	710		
Engine 4	100	115	139	163	187	211	235	259	283	307	331	345	347	352	356		
Engine operating run hours total from 0 hours																	
Engine 1	46,714	46,738	46,762	46,786	46,810	46,834	46,858	46,882	46,906	46,930	46,954	46,978	47,002	47,026	47,050		
Engine 2	45,593	45,607	45,607	45,607	45,611	45,611	45,611	45,616	45,620	45,620	45,620	45,635	45,659	45,682	45,706		
Engine 3	44,477	44,501	44,525	44,549	44,573	44,597	44,620	44,644	44,668	44,692	44,716	44,740	44,764	44,788	44,812		
Engine 4	44,463	44,478	44,502	44,526	44,550	44,574	44,598	44,622	44,646	44,670	44,694	44,708	44,710	44,715	44,719		
Cumulative availability, %																	
Engine 1	97%	97%	97%	97%	97%	97%	98%	98%	98%	98%	98%	98%	98%	98%	98%		
Engine 2	74%	74%	69%	66%	63%	60%	58%	56%	54%	52%	50%	51%	52%	54%	55%		
Engine 3	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%		
Engine 4	26%	28%	32%	36%	39%	42%	45%	47%	49%	51%	53%	53%	52%	51%	49%		
Engine cumulative gross output, kWhr																	
Max cumulative capacity one engine	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	13,154	13,966	14,806	15,646	16,483	17,319	18,164	19,022	19,881	20,731	21,581	22,404	23,226	24,060	24,906		
Engine 2	10,922	11,620	11,620	11,620	11,902	11,902	11,902	12,155	12,453	12,453	12,453	13,160	14,009	14,827	15,641		
Engine 3	13,136	13,982	14,835	15,688	16,539	17,389	18,212	19,065	19,920	20,774	21,626	22,477	23,329	24,181	25,034		
Engine 4	4,940	5,617	6,434	7,251	8,052	8,871	9,688	10,501	11,306	12,125	12,944	13,652	13,815	14,085	14,200		
Cumulative capacity factor, %																	
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	101%	101%	101%	101%	101%	101%		
Engine 2	83%	83%	78%	74%	72%	69%	66%	64%	63%	60%	58%	59%	61%	62%	63%		
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	101%	101%	101%	101%	101%	101%	101%		
Engine 4	37%	40%	43%	46%	49%	51%	53%	55%	57%	59%	60%	61%	60%	59%	57%		

	Thursday 6/16/11	Friday 6/17/11	Saturday 6/18/11	Sunday 6/19/11	Monday 6/20/11	Tuesday 6/21/11	Wednesday 6/22/11	Thursday 6/23/11	Friday 6/24/11	Saturday 6/25/11	Sunday 6/26/11	Monday 6/27/11	Tuesday 6/28/11	Wednesday 6/29/11	Thursday 6/30/11	TOTAL
Cumulative by Facility in month																
Max cumulative available engine run hours	1,536	1,632	1,728	1,824	1,920	2,016	2,112	2,208	2,304	2,400	2,496	2,592	2,688	2,784	2,880	
Actual cumulative engine run hours	1,132	1,209	1,281	1,353	1,429	1,501	1,572	1,649	1,725	1,797	1,869	1,946	2,020	2,096	2,172	
Cumulative Availability, %	73.7%	74.1%	74.1%	74.2%	74.4%	74.5%	74.4%	74.7%	74.9%	74.9%	74.9%	75.1%	75.1%	75.3%	75.4%	
Max cumulative gross output, kWhr	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, kWhr	926,187	985,893	1,046,121	1,106,376	1,167,235	1,227,355	1,286,190	1,348,001	1,409,646	1,470,207	1,530,701	1,591,426	1,652,361	1,713,085	1,773,904	
Cumulative Capacity Factor	73.1%	73.2%	73.4%	73.5%	73.7%	73.8%	73.8%	74.0%	74.2%	74.3%	74.3%	74.4%	74.5%	74.6%	74.7%	
Cumulative fuel input, MMBtu HHV	11,969	12,727	13,461	14,205	14,961	15,702	16,428	17,197	17,955	18,711	19,460	20,213	20,960	21,711	22,472	
Cumulative gross output, kWhr	926,187	985,893	1,046,121	1,106,376	1,167,235	1,227,355	1,286,190	1,348,001	1,409,646	1,470,207	1,530,701	1,591,426	1,652,361	1,713,085	1,773,904	
Heat Rate																
Daily heat rate, Btu/kWe gross LHV	11,276	11,422	10,980	11,111	11,188	11,095	11,107	11,195	11,068	11,243	11,137	11,163	11,046	11,135	11,256	
Daily heat rate, Btu/kWe gross HHV	12,526	12,689	12,197	12,343	12,429	12,325	12,338	12,436	12,295	12,490	12,371	12,400	12,270	12,369	12,504	
Cumulative heat rate, Btu/kWe gross LHV	11,633	11,620	11,583	11,558	11,538	11,517	11,498	11,484	11,466	11,457	11,444	11,433	11,419	11,409	11,404	
Cumulative heat rate, Btu/kWe gross HHV	12,923	12,909	12,868	12,839	12,818	12,794	12,773	12,757	12,737	12,727	12,713	12,701	12,685	12,674	12,668	
Cumulative by Facility starting Calendar Year																
Max cumulative available engine run hours	15,744	15,840	15,936	16,032	16,128	16,224	16,320	16,416	16,512	16,608	16,704	16,800	16,896	16,992	17,088	
Actual cumulative engine run hours	9,551,027	9,610,733	9,670,961	9,731,216	9,792,075	9,852,195	9,911,030	9,972,841	10,034,486	10,095,047	10,155,541	10,216,266	10,277,201	10,337,925	10,398,744	
Cumulative Availability Factor	73.5%	73.5%	73.6%	73.6%	73.6%	73.6%	73.6%	73.6%	73.7%	73.7%	73.7%	73.7%	73.7%	73.7%	73.8%	
Cumulative fuel input, MMBtu HHV	103,552	104,310	105,045	105,788	106,545	107,286	108,012	108,780	109,538	110,295	111,043	111,796	112,544	113,295	114,055	
Cumulative gross output, kWhr	7,907,905	7,967,611	8,027,839	8,088,094	8,148,953	8,209,073	8,267,908	8,329,719	8,391,364	8,451,925	8,512,419	8,573,144	8,634,079	8,694,803	8,755,622	
Cumulative heat rate, Btu/kWe gross LHV	11,788	11,785	11,779	11,774	11,770	11,765	11,760	11,756	11,751	11,747	11,743	11,739	11,734	11,730	11,726	
Cumulative heat rate, Btu/kWe gross HHV	13,095	13,092	13,085	13,080	13,075	13,069	13,064	13,059	13,054	13,050	13,045	13,040	13,035	13,030	13,027	
Service																
Engine 1																
Engine 2	Turned down during night															
Engine 3																
Engine 4																
Oil - oil and filter change	PP Data received															
Service - plugs, air filter, valve inspection and adjustm	CNBE meter reading -----															
NSTAR Power Reports																
Date	Thursday 6/16/11	Friday 6/17/11	Saturday 6/18/11	Sunday 6/19/11	Monday 6/20/11	Tuesday 6/21/11	Wednesday 6/22/11	Thursday 6/23/11	Friday 6/24/11	Saturday 6/25/11	Sunday 6/26/11	Monday 6/27/11	Tuesday 6/28/11	Wednesday 6/29/11	Thursday 6/30/11	TOTAL
Hour																
1	2,443	2,393	2,428	2,437	2,418	2,437	2,423	2,471	2,480	2,448	2,434	2,441	2,444	2,448	2,442	
2	2,458	2,391	2,434	2,441	2,420	2,430	2,427	2,455	2,484	2,448	2,437	2,442	2,450	2,450	2,442	
3	2,457	2,394	2,443	2,438	2,431	2,430	2,420	2,473	2,477	2,450	2,442	2,444	2,452	2,450	2,444	
4	2,445	2,392	2,446	2,437	2,434	2,434	2,344	2,474	2,481	2,451	2,447	2,445	2,452	2,454	2,448	
5	2,445	2,393	2,439	2,442	2,438	2,431	2,333	2,454	2,478	2,450	2,449	2,444	2,451	2,457	2,450	
6	2,442	2,390	2,439	2,444	2,433	2,432	2,407	2,454	2,477	2,453	2,450	2,443	2,456	2,444	2,447	
7	2,437	2,396	2,438	2,452	2,437	2,428	2,465	2,469	2,485	2,452	2,445	2,442	2,417	2,455	2,445	
8	2,434	2,381	2,438	2,437	2,441	2,438	1,621	2,461	2,483	2,449	2,442	2,441	2,496	2,454	2,439	
9	2,449	2,378	2,434	2,444	2,436	2,431	1,919	2,462	2,478	2,450	2,442	2,444	2,448	2,402	2,441	
10	2,599	2,508	2,432	2,444	2,528	2,443	2,455	2,465	2,488	2,447	2,442	2,459	2,446	2,458	2,465	
11	2,570	2,428	2,429	2,442	2,549	2,431	2,448	2,465	2,504	2,445	2,445	2,425	2,450	2,438	2,519	
12	2,459	2,500	2,438	2,440	2,633	2,431	2,402	2,705	2,699	2,450	2,446	2,533	2,453	2,407	2,481	
13	2,501	2,490	2,439	2,440	2,625	2,439	2,448	2,681	2,606	2,447	2,448	2,530	2,448	2,202	2,475	
14	2,488	2,385	2,440	2,448	2,483	2,438	2,416	2,646	2,606	2,451	2,452	2,452	2,527	2,410	2,468	
15	2,484	2,401	2,437	2,443	2,420	2,424	2,454	2,621	2,600	2,455	2,451	2,445	2,589	2,626	2,429	
16	2,358	2,390	2,436	2,444	2,422	2,420	2,452	2,501	2,427	2,454	2,452	2,443	2,445	2,536	2,443	
17	2,368	2,403	2,446	2,443	2,429	2,421	2,457	2,439	2,454	2,447	2,447	2,430	2,419	2,462	2,453	
18	2,377	2,405	2,445	2,443	2,429	2,414	2,460	2,456	2,440	2,453	2,454	2,427	2,437	2,462	2,452	
19	2,375	2,401	2,437	2,438	2,428	2,420	2,461	2,457	2,443	2,447	2,451	2,431	2,436	2,463	2,453	
20	2,368	2,404	2,440	2,432	2,437	2,424	2,473	2,479	2,443	2,446	2,448	2,439	2,612	2,460	2,447	
21	2,380	2,407	2,437	2,430	2,439	2,422	2,467	2,481	2,443	2,442	2,446	2,446	2,281	2,448	2,441	
22	2,377	2,410	2,436	2,432	2,448	2,426	2,467	2,479	2,447	2,440	2,439	2,438	2,449	2,444	2,435	
23	2,382	2,414	2,435	2,424	2,442	2,427	2,469	2,473	2,443	2,437	2,403	2,395	2,446	2,443	2,433	
24	2,389	2,420	2,432	2,418	2,435	2,438	2,466	2,455	2,445	2,435	2,438	2,477	2,451	2,442	2,434	
TOTAL	58,485	57,874	58,498	58,533	59,035	58,309	57,118	59,994	59,796	58,754	58,650	58,756	58,955	58,715	58,826	
Cumulative Output Sold, kWhr	885,931	943,805	1,002,303	1,060,836	1,119,871	1,178,180	1,235,298	1,295,292	1,355,088	1,413,842	1,472,492	1,531,248	1,590,203	1,648,918	1,707,744	
Transformer and line efficiency	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%
Hourly average	2,437	2,411	2,437	2,439	2,460	2,430	2,380	2,500	2,492	2,448	2,444	2,448	2,456	2,446	2,451	2,372

Exhibit 6

Calibration records for the LFG flow rate and methane content

Landfill Gas Flow Calculation								
Crapo Hill Landfill, New Bedford/Dartmouth, Massachusetts								
Note: Calculation of volumetric flow of LFG through a pipe using a pitot tube and manometer.								
MEASURING INSTRUMENT:			Pitot Tube:	166	166	166	166	166
			Manometer:	Dwyer Mark II	Dwyer Mark II	Dwyer Mark II	Dwyer Mark II	Dwyer Mark II
DATE OF MEASUREMENT:				7-Jan-11	24-Feb-11	9-Mar-11	22-Apr-11	12-May-11
TIME OF MEASUREMENT:				13:15	12:20	12:20	10:20	11:25
								13:45
PARAMETERS			UNITS	VALUES	VALUES	VALUES	VALUES	VALUES
Pipe dimensions								
Inside Diameter			inches	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
Flow Calculation								
Kp	pitot tube constant	ft/sec[(lb/lb-mole)(in. Hg)/(R)(in H2O)]^1/2	85.49	85.49	85.49	85.49	85.49	85.49
Cp	Pitot tube coefficient	dimensionless	1.00	1.00	1.00	1.00	1.00	1.00
dP	Average velocity pressure of stack gas	in H2O	0.204	0.194	0.201	0.186	0.205	0.224
Blower Inlet								
Ts	Stack temperature	Degrees Fahrenheit	60	60	65	63	67	78
		Degrees Rankine	520	520	525	523	527	538
Pg	Stack static pressure	inch H2O	-52	-58	-60	-60	-57	-61
		inch Hg	(3.82)	(4.27)	(4.41)	(4.41)	(4.19)	(4.49)
Ps	Absolute stack gas pressure	inch Hg	25.38	25.96	26.19	26.01	25.83	25.27
Blower Outlet								
Ts	Stack temperature	Degrees Fahrenheit	110	110	110	110	110	110
		Degrees Rankine	570	570	570	570	570	570
Pg	Stack static pressure	inch H2O	47.1	47.1	47.1	47.1	47.1	47.1
		inch Hg	3.46	3.46	3.46	3.46	3.46	3.46
		psig	1.70	1.70	1.70	1.70	1.70	1.70
Pbar	Barometric pressure	inch Hg	29.20	30.23	30.60	30.42	30.02	29.76
Ps	Absolute stack gas pressure	inch Hg	32.66	33.69	34.06	33.88	33.48	33.22
Ms	Molecular weight of stack gas, wet	lb/lb-mole	27.68	27.63	27.92	27.63	27.54	27.62
Vs	Average stack gas velocity	feet per second	33.2	32.0	32.5	31.5	33.3	35.5
Qact	Volumetric Flow	actual cubic feet per minute	1,180	1,138	1,155	1,118	1,184	1,261
Qstd	Volumetric Flow at actual methane content	standard cubic feet per minute *	1,016	1,003	1,016	982	1,024	1,046
Qstd corr	Volumetric Flow at 50% methane	standard cubic feet per minute **	1,093	1,063	1,039	1,007	1,071	1,127
Ht HHV	Heat input	MMBtu per hour HHV	33.19	32.28	31.54	30.57	32.52	34.22
Ht LHV	Heat input	MMBtu per hour LHV	29.88	29.06	28.39	27.52	29.27	30.81
	Methane Content	%, vol/vol wet	53.80%	53.00%	51.10%	51.30%	52.30%	53.90%
Diff. between pitot tube and orifice reading:			0.7%	-1.6%	-0.4%	-1.1%	-1.3%	-0.2%
dP	Delta pressure across orifice plate	inches H2O	8.35	8.00	7.85	7.50	8.40	8.70
Qact	Volumetric Flow	acfm	998	977	968	946	1,001	1,019
Qstd	Volumetric Flow at actual methane content	standard cubic feet per minute *	1,009	1,019	1,020	992	1,038	1,048
Qstd	Volumetric Flow at 50% methane	standard cubic feet per minute **	1,086	1,080	1,043	1,018	1,085	1,130
Ht HHV	Heat input	MMBtu per hour HHV	32.97	32.79	31.66	30.91	32.95	34.29
Ht LHV	Heat input	MMBtu per hour LHV	29.68	29.52	28.50	27.82	29.66	30.87
* Standard conditions are corrected to 68 degrees F and 29.92 in Hg at actual methane content.								
** Standard conditions corrected to 50 % methane content.								
Input values are in blue or bold.								
Calculated output values are in black or not bold.								
Calculation Formulas:								
Vs = Kp*Cp*(sqrt dP) * sqrt (Ts/(Ps*Ms))								
Qact = Vs * A * 60								
Qstd = Qact * Tstd/ Ts * Ps/Pstd								
Flow, ACFM = 96.3221*SQRT(dP)*SQRT((460+Temperature)/(2.703*(Pressure +14.7)))								
Conversions and constants								
13.5958 in H2O/in Hg								
1 PSI = 2.036 in HG								
1 PSI = 27.68 in WG								
Tstd = 528 degrees R								
Pstd = 29.92 in Hg								
Methane heat content = 1,012 BTU per scf HHV								
Methane heat content = 911 BTU per scf LHV								

Landfill Gas Flow Measurements						
Crapo Hill Landfill, New Bedford/Dartmouth, Massachusetts						
Measurements by	TY/RB	TY/RB	TY/RB	TY/RB	TY/RB	TY/RB
Date	7-Jan-11	24-Feb-11	9-Mar-11	22-Apr-11	12-May-11	24-Jun-11
Time	13:15	12:20	12:20	10:20	11:25	13:45
Flow valve						
Pipe inside diameter, inches	10.42	10.42	10.42	10.42	10.42	10.42
Orifice measurement, cfm	NA	NA	NA	NA	NA	NA
Ambient Temperature, F	32	47	42	47	47	68
Barometric Pressure, In Hg	29.2	30.23	30.6	30.42	30.02	29.76
Blower Inlet Temperature, F	60	60	65	63	67	78
Outlet Temperature, F	110	110	110	110	110	110
Blower Inlet Pressure (SP), In H2O	-52	-58	-60	-60	-57	-61
Blower Outlet Pressure, PSIG	1.7	1.7	1.7	1.7	1.7	1.7
Blower Outlet Pressure, In H2O	47.06	47.06	47.06	47.06	47.06	47.06
Measurement						
Manometer						
Pitot Tube						
Velocity Pressure (dP)						
Point						
1	0.19	0.19	0.19	0.18	0.20	0.21
2	0.19	0.18	0.19	0.18	0.20	0.22
3	0.20	0.19	0.20	0.18	0.20	0.22
4	0.20	0.19	0.20	0.19	0.20	0.22
5	0.21	0.20	0.21	0.19	0.21	0.22
6	0.21	0.20	0.21	0.19	0.21	0.23
7	0.21	0.20	0.21	0.19	0.21	0.23
8	0.22	0.20	0.20	0.19	0.21	0.24
9						
Average	0.204	0.194	0.201	0.186	0.205	0.224
Gas Composition						
Compound, %v/v						
Methane (CH4)	53.8%	53.0%	51.1%	51.3%	52.3%	53.9%
Carbon dioxide (CO2)	39.2%	38.3%	38.9%	37.1%	37.5%	39.9%
Oxygen (O2)	0.80%	0.67%	0.90%	1.16%	0.80%	1.30%
Balance gas	6.20%	8.00%	9.10%	10.40%	9.40%	4.90%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Moisture (H2O) (included in balance gas)	1.7%	1.7%	2.1%	1.9%	2.2%	3.3%
Molecular weight, lb/lb-mole wet	27.68	27.63	27.92	27.63	27.54	27.62
H2S, PPMV	80	80	100	110	100	140

1

'California Analytical' Analyzer Calibration Results

[illegible]

x = waiting on cal gas.

x = awaiting repairs

[illegible]

x = waiting on cal gas.

x = awaiting repairs

[illegible]

x = waiting on cal gas.

x = awaiting repairs

[illegible]

x = waiting on cal gas.

x = awaiting repairs

[illegible]

Exhibit 7

- a. Copy of most recent regulatory inspection or other evidence of regulatory compliance
- b. Attestation that provides evidence that credits are not being verified under the VCS are not used in another GHG program other than VCS

Pursuant to 310 CMR 7.00 Appendix C(10)(h), the Semi-Annual Compliance Certification must be certified by the responsible official. Failure to provide accurate information in this report may result in civil and/or criminal penalties according to 310 CMR 7.01(2).

Additional information regarding the report and documentation listed below must be kept on file for at least 5 years and be made available to the Department upon request as required by 310 CMR 7.00 Appendix C(10).

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



Facility Information

Greater New Bedford LFG Utilization Project

Name

300 Samuel Barnet Boulevard

Street Address

Dartmouth

MA

02745

508-985-0923

City

State

Zip Code

Telephone Number

Thomas Yeransian

Principal

Facility Contact Person

Contact person's title

Semi-Annual Compliance Certification

Reporting Period (Provide Inclusive Dates)

January 1, 2011

June 30, 2011

From

To

1. ☐ During the entire reporting period, no deviations from the Operating Permit requirements or any other terms or conditions occurred. If yes, submit only this page.
2. ☒ During the entire reporting period, there were deviations and;
 - 2a. ☒ All deviations reported previously
 - 2b. ☐ One or more deviation(s) were not previously reported. Attach appropriate Deviation Report(s) and supporting documentation.

I certify that I have personally examined the foregoing and am familiar with the information contained in this document and all attachments and that, based on my inquiry of those individual immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including possible fines and imprisonment. I am aware that additional information may be requested.

Thomas Yeransian

Name of Responsible Official

Signature of Responsible Official

Principal CRMC, Sole Member of CommonWealth New Bedford Energy LLC

Title

508-339-3074

Phone Number

July 21, 2011

Date

By Signing This Form You are Certifying to Page 1 Through Page 2

Air Operating Permit Semi-Annual Monitoring Summary

Reporting Table 6.

EU No.	Reporting Requirements	Deviation?		Deviation Previously Reported?		Date(s) Previously Reported	Returned to Compliance?		Proposed Date of Return to Compliance	Corrective Action Plan Filed?			Comments (Including Date of Return to Compliance)
		Y	N	Y	N		Y	N		Y	N	NR	
1,2, 3,4	Requirement: Submit Semi-Annual Monitoring Summary postmarked or delivered by January 30 and July 30 to the Department. Deviation: CNBE submitted Semi-Annual Monitoring Summary for second half of 2010 later than the January 30, 2011 due date.	x		x		Feb. 26, 2011	x		02/26/10			x	Sent Semi-annual Monitoring Summary on February 26, 2011 to MDEP.

Facility Inspection Report

Facility:	Crapo Hill Sanitary Landfill
Operator:	Greater New Bedford Regional Refuse Management District
Location:	Dartmouth; off Samuel Barnett Blvd., New Bedford
Date/Time:	June 20, 2011, 9:00 – 10:00 a.m.
Weather:	Partly sunny, calm, 65°
Inspector:	Samuel G. Chapin, P.E.

19.130 (1): General	Practice: The landfill schedule is 7:15 a.m. to 3:15 p.m. Monday through Friday and 8:00 a.m. to 11:00 on Saturdays. The landfill operation incorporates procedures and practices in accordance with approved plans and permits to prevent pollution of groundwater, surface water, and air quality, and to prevent nuisance conditions from developing.
Comments: The landfill operations appeared well-organized and to be effectively managing incoming waste. Disposal operations were taking place on the northwestern area of Phase 2, Cell 4. The slopes were well vegetated, including on the slopes of the Stage 3 final cover area. Generally, the landfill appeared clean, attractive and very well kept.	

19.130 (2): Operator Supervision	Practice: The operation of the landfill is under the supervision of a qualified manager with over 35 years of experience in solid waste management.
Comments: Two members of the landfill operations team have successfully completed the Manager of Landfill Operations course, two have successfully completed the Landfill Technical Associates, and seven have successfully completed the Training Course for Sanitary Landfill Operations Personnel. Training is under the auspices of the Solid Waste Association of North America.	

19.130 (3): Special Wastes	Practice: Materials classified as special waste according to 310 CMR 19.061(2) are not disposed at the landfill without an approval issued by the DEP.
Comments: No special waste was observed in the landfill.	

19.130 (4): Banned or Restricted Wastes	Practice: Restricted wastes pursuant to 310 CMR 19.017 are managed in accordance with the facility's Waste Ban Compliance Plan, approved by the DEP on May 18, 2006. Dartmouth has a DEP approved recycling program and provides curbside collection of household recyclables, which curtails the quantity of restricted waste entering the landfill. Leaves and yard wastes are composted on site and finished compost is made available to residents of the member communities. Waste wood is ground in a tub grinder. Tires and metals segregated from the incoming waste are held in dedicated, labeled containers placed on a concrete pad near the active area of the landfill.
--	--

Banned or Restricted Wastes Comments: Some banned or restricted materials, specifically wood and metal construction materials, were observed in a waste load dumped at the active face, and the operator removed these materials for recycling using the Caterpillar 315C excavator. Small quantities of CRTs and televisions are held at the facility. The containers for holding tires and metals were in place. A container for corrugated cardboard is also maintained. The facility is preparing for the addition of clean gypsum wallboard to the list of restricted wastes and has submitted a revised Waste Ban Compliance Plan covering this material.

Review of ongoing monitoring and comprehensive load inspection records indicated the facility is operating in compliance with the Plan. Six comprehensive load inspections were performed in April 2011, five in May 2011, and four through the date of the inspection in June 2011. All waste loads inspected during comprehensive load inspections were in compliance with Waste Ban regulations. Ongoing waste monitoring resulted in separation of tires, CRTs, white goods, wood, and cardboard, for recycling or proper disposal. One air conditioner and one refrigerator were returned to the hauler, and one load of cardboard contaminated with fish waste was accepted for disposal. The staff maintains records of trucks and haulers, and manages the waste in accordance with regulations and the facility's Waste Ban Compliance Plan.

19.130 (5): Hazardous Wastes

Practice: The facility does not accept hazardous waste for disposal. A platform at the scalehouse allows for preliminary visual inspection of incoming waste loads, and a radiation detectors are mounted at the scalehouse. Employees have been trained in Hazard Communications for Landfill Operations.

Comments: No hazardous wastes were observed during the inspection.

19.130 (6): Bulky Wastes

Practice: No waste material is accepted if it is too bulky to be properly spread and compacted by the landfill equipment. The facility accepts wood pallets, rubble and some brush. A tub grinder is used for grinding waste wood. The wood chips are spread for slope stabilization and as an additive to intermediate cover. The rubble is used to stabilize haul roads.

Comments: No excessively bulky wastes were observed. The soil stockpile area contained piles of freshly chipped clean wood, wood for chipping loam, daily cover, newly crushed stone, compost, and landscaping materials. The dedicated boxes for metals and tires removed for recycling were on their concrete pad adjacent to the Phase 2 cells.

19.130 (7): Liquid Wastes

Practice: No liquid wastes are disposed at the landfill.

Comments: No liquid wastes were observed.

19.130 (8): Solid Waste Handling

Practice: All vehicles carrying solid waste for disposal are observed entering the facility on video camera and are checked in at the scalehouse. Two scales are used for incoming and outgoing trucks. From there the drivers are directed to the appropriate access to the active area of the landfill. Signs are posted on the approach to the landfill and on the landfill itself to direct drivers to the active face. An operator is always present at the active face when waste is incoming to supervise unloading. Solid waste deposited at the active face is spread and compacted in shallow lifts.

Solid Waste Handling Comments: Solid waste disposal operations were being carried out in the northwestern side of Phase 2, Cell 4. Access to the active landfill area was being provided via an access ramp at the northeast corner of Cell 3. The active face was small and well kept.

19.130 (9): Bird Hazards

Practice: The facility controls scavenging birds through the use of pyrotechnic, audio, and other methods. The nearest airport is three miles away.

Comments: A pyrotechnic cannon noise making device and a remotely activated, portable audio deterrent device are also available to deter scavenging birds. There were no gulls at the facility at the time of the inspection.

19.130 (10): Equipment and Equipment Shelter

Practice: Heavy equipment used and maintained at the facility includes two compactors (a Rex 3-70C and a Caterpillar 826), a Caterpillar 315C excavator, a Caterpillar D-8N bulldozer, a Caterpillar D5H LGP bulldozer, a Komatsu D65PX bulldozer, a John Deere 310SJ backhoe/loader, two Caterpillar 966 front loaders (one model F and one model G), and two Volvo articulated dump trucks (one model A25C and one model A25D). Also used and maintained at the facility are a small Takeuchi excavator, Genie S-65 lift truck with a 65 foot boom, a Yale forklift, a tub grinder, a Read Screen-All, an Elgin street sweeper, two small Ford tractors, equipment for the application of Posi-shell cover material, two water tank trucks, a one-ton dump truck, a Ford F-350 dump truck, three John Deere six wheeled all-terrain vehicles, a side-arm mower, and pickup trucks. This roster of equipment is sufficient to provide adequate compaction of solid waste and the proper operations and maintenance of the facility. In addition, this roster is sufficient to provide backup should any of the listed pieces of equipment become disabled. The equipment is maintained and repaired when necessary by a full time staff mechanic in a lighted, heated maintenance garage adjacent to the scalehouse. The aboveground diesel fuel tank is equipped with a pole and tether to suspend the vehicle filler hose, which reduces the potential for hose wear and accidental spillage. Waste oil is collected in a double-walled tank, and used oil filters are allowed to drain on an oil collecting screen. Bulk petroleum products are stored on four spill-containment pallets, and odor control agents are also stored on a spill containment pallet. The maintenance garage burns waste oil for heat.

Comments:

The Elgin street sweeper was sweeping the access roads, and the Rex 3-70C compactor was in use at the active face. Also on the landfill near the active face were the Caterpillar 315C excavator, the John Deere 310SJ backhoe/loader, the Komatsu D65PX bulldozer, and the Caterpillar D-5 bulldozer. The Read Screen-All, the scalper, and the Caterpillar D-8 bulldozer were in the materials laydown and processing area. The Caterpillar 966G front loader, the Caterpillar 826H compactor, The Volvo A25C end dump, the tub grinder, the Caterpillar 966F front loader with the Posi-Shell applicator trailer, and the water truck were adjacent to the maintenance garage. The Volvo A25D end dump and various pieces of small equipment were in the maintenance garage. The maintenance garage was well maintained and the management of oil and other materials appeared good.

19.130 (11): Staffing	Practice: The landfill maintains a staff of nine employees: the operations manager, one foreman, one master mechanic, two equipment operators, one scalehouse attendant, and three utility technicians. Staffing is adequate to meet the needs of the facility's operations. All staff members are trained in landfill operations under the auspices of the Solid Waste Association of North America and are generally capable of performing multiple tasks. The operations manager or a designated deputy is continuously present at the facility during posted hours of operation.
Comments: Staff sufficient for full operations was present on the day of the inspection.	

19.130 (12): Employee Facilities	Practice: Employee facilities are available at the equipment maintenance garage.
Comments: The employee facilities were clean and functional.	

19.130 (13): Accident Prevention and Safety	Practice: All laborers and equipment operators undergo training in safety practices that must be followed in the vicinity of heavy equipment. Emergency telephone numbers are posted in the maintenance garage. The aboveground diesel fuel tank is equipped with a pole and tether to suspend the vehicle filler hose, which reduces the potential for hose wear and accidental spillage. First aid kits are maintained in all vehicles and heavy equipment. An eye wash station, emergency showers, a first aid cabinet, and a portable automated external defibrillator and other safety equipment are available in the maintenance garage. All vehicles and buildings are equipped with two-way radios to expedite communications between all areas of the landfill. An open field between the landfill and the adjacent Greater New Bedford Regional Refuse Management District office is designated as a Medevac helicopter landing site to serve the facility and the surrounding area. Jersey barriers are placed along the side of the access road at locations where the banks are steep.
Comments: All accident prevention and safety features appeared to be in place. All staff have completed first aid and CPR training. Five staff members have completed OSHA 40-hour health and safety training. One District staff member is an Emergency Medical Technician and is a certified First Aid and CPR instructor. Other routine training includes operation of radiation monitors, hazard communications, asbestos awareness, hoisting engineers' license, and other specialized training.	

19.130 (14): Spreading and Compacting of Solid Waste	Practice: Waste is spread in layers not exceeding 3 feet in thickness and thoroughly compacted.
Comments: The Rex 3-70C compactor was working on the active face, which was on the northwestern side of Phase 2, Cell 4. Other equipment was also available near the active face. The active face was sufficiently small. The 4-foot diameter, ten foot tall steel risers in the center of Cell 3 and Cell 4 are being maintained for connection to the leachate collection system, for gas management and to facilitate leachate and condensate removal.	

19.130 (15): Cover Material	Practice: An adequate supply of soil daily cover material is maintained at the landfill site, and a supply of materials for the Posi-Shell applicator is kept on hand. Cover soil stockpiles are maintained both within the landfill footprint and in the soil stockpile area. Processed bottom ash from the SEMASS Resource Recovery facility is also used occasionally for daily cover, pursuant to an approval from MassDEP dated April 8, 2010. Outer slopes of the Phase 2 landfill are provided with intermediate cover. Posi-Shell synthetic cover is applied to some of the intermediate slopes in addition to soil cover to provide additional erosion control.
Comments: At least a 14-day supply of soil daily cover was on hand, including a stockpile near the active face, and a supply in the soil stockpile/laydown area. Much of the active cell area had recently had a layer of wood chips applied and the Operator reported he was planning on applying Posi-Shell to the rest of the active area later in the day. Stockpiles of intermediate cover are maintained and augmented via mixing of on-site compost with loam.	

19.130 (16): Vectors, Dust and Odor Control	Practice: <i>Vector</i> control is provided on an as-needed basis. <i>Dust</i> is controlled by routinely spraying water on dry roadways when necessary. <i>Odor</i> control is provided by applying daily cover material, and with the use of the existing gas extraction system and passive vent flares. The landfill gas power plant is the primary environmental control device for landfill gas. When necessary, odor control agents are added to the water applied on landfill roads for dust control, and sprayed from a spray system on the fence between the maintenance garage and Quanaoag Road. <i>Birds</i> are controlled with pyrotechnic cannons on the landfill which are equipped with solar powered battery chargers and activated using hand held remote devices operated by landfill personnel, and by a BirdXPeller sonic device that broadcasts distress calls. Bird control extends to assisting occupants of the neighboring Business Park in preventing gulls from landing on buildings through wires, ribbons, and other devices installed on rooftops.
Comments: No conditions requiring vector control were observed at the time of the inspection. Loam piles in the soil stockpile area are well vegetated to keep erosion and dust in control. The Elgin street sweeper was working on the access roads, landfill equipment was working in the cells, and dust suppression was not necessary. There were no gulls present at the landfill at the time of the inspection. The LFG power plant was in operation. Passive vent flares are used sparingly in controlling gas from other locations around the landfill as necessary, including one set up in a metal structure used to disperse odor masking agents, if necessary. Leachate cleanouts throughout the landfill are connected to the gas extraction system. An Air-One power atomizer mounted on a trailer for applying dust and odor control agents is available when necessary. A compost filter on the vent pipe from the leachate pump station wet well serves to control potential odors from this location. No odor was detected on the landfill at the time of the inspection, and no landfill odor conditions were detected from the parking lot of the Facility's closest neighbor on Samuel Barnet Boulevard at approximately 7:50 a.m. The earthen berm between the landfill and neighbors on High Hill Road, Dartmouth continues to mitigate potential impacts across the High Hill Road cranberry bogs, and the Operator is planning to plant some additional trees on the berm.	

19.130 (17): Litter Control	Practice: Litter is managed using fence, controlled operations and regular litter pick-up. A 30-foot high litter control fence surrounds the landfill on three sides, and 4-foot high wire fencing is used at the toe of the landfill slope and in areas around the Phase 2 landfill cells. The facility's lift truck is useful in picking litter from the trees surrounding the landfill.
Comments: There was very little litter on and around the landfill, and the trees and public roads surrounding the landfill were clean of litter.	

19.130 (18): Top Slope and Side Slopes	Practice: Final landfill side slopes do not exceed three horizontal to one vertical (3:1). Side slopes are dressed with intermediate cover soil and vegetated. The top surfaces of the landfill are graded sufficiently to direct storm water away from the active face and to prevent it from running off from daily covered areas of the landfill.
Comments: There are no slopes steeper than three horizontal to one vertical (3:1).	

19.130 (19): Storm Water Drainage	Practice: Storm water run-off from the outer slopes of the landfill is collected in a swale along the entire perimeter of the landfill and conveyed to a sedimentation/retention basin located to the west of the landfill. The surface of the landfill is graded to help contain contact runoff. Earthen berms are also used for this purpose, depending on the location of the operating area
Comments: The perimeter swales appeared to be functioning as designed. The storm water management basin was largely dry. Vegetation in the basin was low.	

19.130 (20): Erosion Control	Practice: Erosion is controlled by stabilizing earth cover on landfill slopes with vegetation or Posi-Shell as quickly as possible after landfilling. Vegetation and silt fencing are also used to control erosion. Small erosion rills on the lower slopes of the landfill are filled and seeded as necessary.
Comments: The vegetated side slopes were in good condition with no areas of erosion. The slopes of the Stage 3 Final Cover area are furnished with a synthetic-reinforced organic erosion control mat and were free of erosion, with a good stand of vegetation. There was no evidence of solid waste or leachate being carried off site or siltation migrating off site due to erosion, and no indication of uncontrolled ponding on the landfill.	

19.130 (21): Boundary and Elevation Markers	Practice: The limits of the landfill can be clearly identified, and numerous points on the property boundary are monumented. A reference elevation marker is maintained on a concrete headwall adjacent to the access road on the north side of the landfill.
Comments: The limits of the landfill are clearly discernible and recoverable.	

19.130 (22): Access Roads	Practice: Access to the landfill is gained via Samuel Barnett Boulevard in the New Bedford Business Park. The road past the scalehouse and maintenance garage along the north side of the facility to the landfill gas power plant and the leachate pump station is paved. The remainder of the road around and up onto the landfill has a gravel surface
Comments: All roads were in good condition. The access ramp into Phase 2, Cells 3 and 4 at the northeastern corner of Cell 3 was in use.	

19.130 (23): Security	Practice: The main facility entrance, at Samuel Barnet Boulevard, has a locking gate, which is closed when the landfill is closed. A gate is also maintained on Quanapoag Road, which is routinely kept closed and locked. A gate on Quanapoag Road, providing access to the Greater New Bedford Regional Refuse Management District offices, is open during District office business hours. The landfill gas power generating facility is enclosed with its own chain link fence and gate. Chain link fencing limits access to the landfill areas from adjacent woodland.
Comments: Fences and gates were in good condition.	
19.130 (24): Posting of the Landfill	Practice: Signs with the appropriate information on facility use and operations are located at the Facility entrance at Samuel Barnet Boulevard and at the scalehouse.
Comments: Signs were present and in good condition.	
19.130 (25): Open Burning	Practice: No open burning is practiced at the facility.
Comments: None.	
19.130 (26): Fire Protection and Control	Practice: The operator ensures that no materials are stored, held, maintained or placed at the landfill in such a manner as to pose a fire hazard. Fire protection is available via a fire hydrant located near the scalehouse and via water tank trucks that are maintained at the site.
Comments: Should a hot load enter the facility, it is placed in a well covered area on the landfill not less than 100 feet from the active face for quenching or snuffing.	
19.130 (27): Convenience and Recycling Drop-off Areas	Practice: No convenience or recycling drop-off centers are in use at the facility. These services are offered at other locations in the host communities.
Comments: None.	
19.130 (28): Waste Oil Collection	Practice: Waste oil is not collected at the facility. Waste oil generated during equipment maintenance is held in a properly labeled double-walled holding tank, located in the maintenance garage. Waste oil is used to heat the maintenance garage or removed from the facility for proper recycling or disposal.
Comments: None.	
19.130 (29): Household Hazardous Waste Collection	Practice: Household hazardous waste is not collected at the landfill. This service is provided in the host communities at other locations.
Comments: None.	
19.130 (30): Leachate Collection, Treatment and Disposal	Practice: Leachate flows to a lift station with a 100,000-gallon aboveground holding tank, from which it is pumped to the New Bedford municipal sewer in Samuel Barnet Boulevard under Industrial Wastewater Discharge Permit #S044 issued by the City of New Bedford, Department of Public Infrastructure, and Sewer Connection Permit No. 130081/S00CI002A issued by the DEP.

Leachate Collection, Treatment and Disposal Comments: The following monthly quantities of leachate were discharged to the New Bedford sewer: May 2011, 715,913 gallons; June 2011, 332,465 gallons through June 18, 2011.

19.130 (31): Phase Completion

Practice: All cells of Phase 1 and Phase 2 Cell 1, 2, 3 and 4 have received waste. Final cover has been installed over 11.6 acres of Phase 1, pursuant to an approval issued by the DEP on May 13, 2004, 5.4 acres, mostly on the north slope of Phase 2, Cells 1 and 2, pursuant to an approval issued by the DEP on July 11, 2008, and 4.9 acres of Phase 1, pursuant to an approval issued by the DEP on March 24, 2010.

Comments: Phase 2, Cells 3 and 4 are the only presently active cells.

19.130 (32): Disruption of Landfill Areas

Practice: No disruption of landfill areas is carried out without notifying the Department.

Comments: Landfill gas control structures such as vent flares and additional horizontal collectors, compressed air lines to gas wells to power condensate pumps, and condensate management structures and drain lines are installed and maintained as needed.

19.130 (33): Construction of Buildings

Practice: No buildings have been constructed on the landfill.

Comments: None.

19.130 (34): Records for Operational and Plan Execution

Practice: All incoming waste loads are weighed and logged in. Changes in the status of environmental control or monitoring systems are noted. Records regarding landfill operations, equipment maintenance, and environmental monitoring are kept at the landfill office. Other records are maintained at the District's office, adjacent to the landfill on Quanapoag Road.

Comments: The facility scalehouse was manned and routine waste load processing was being performed.

19.130 (35): Inspections

Practice: The facility is inspected on a bi-monthly basis. Environmental monitoring is performed quarterly in accordance with the facility's Interim Environmental Monitoring Plan approved by the DEP on July 25, 2002, as amended, and the results of are reported to the Department under separate cover after each quarterly event.

Comments: All operating and monitoring equipment, appurtenances and devices appeared to be operating normally. Any exceptions are noted in the body of this Report. The facility appeared to be operating in compliance with operation and maintenance requirements set forth at 310 CMR 19.130, the site assignment, current permits, and authorization to operate.

19.130 (36): Re-circulation of Leachate

Practice: No leachate re-circulation is practiced without approval from the Department of Environmental Protection.

Comments: None.

Attestation Statement

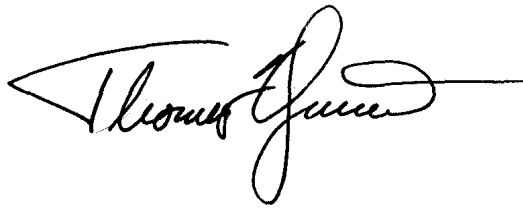
As an officer of Commonwealth New Bedford Energy LLC (CNBE) I hereby certify that the verified carbon units (VCUs) verified under the verified carbon standard (VCS) for the first half of 2011 from the Project Activity will be registered on the Markit Environmental Registry (formerly TZ1) only, which is an accredited VCS register.

Thomas Yeransian

Name

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

Title

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

Signature

August 2, 2011

Date