MONITORING REPORT #2015-2
FOR THE GREATER NEW BEDFORD LFG UTILIZATION PROJECT
DARTMOUTH, MASSACHUSETTS

FOR VERIFICATION PERIOD
OCTOBER 1, 2015 THROUGH MARCH 28, 2016

SEPTEMBER 8, 2016

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For it's wholly-owned subsidiary
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Project Title	Greater New Bedford LFG Utilization Project
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1.0 Project Details

1.1 Summary Description of the Implementation Status of the Project

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

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

The Project was implemented according to the description provided in the validated PD. The Project became operational in January 2002 with the expansion of an existing active LFG collection and destruction system. Emission reductions from the current verification period were claimed for LFG collected from the expanded active LFG collection system and destructed in the Caterpillar 3516 engine-generator sets. The back-up flare had limited operation during the current verification period and no emission reductions are claimed from flaring. CRMC claims GHG emission reductions eligible under VCS program of 49,546 metric tons of CO2e for the verification period October 1, 2015 through March 28, 2016 including 23,980 metric tons of CO2e during the fourth quarter of 2015, and 25,566 metric tons of CO2e during the first quarter of 2016.

1.2 Sectoral Scope and Project Type

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

1.3 Project Proponent

Organization name	CommonWealth Resource Management Corporation For it's wholly-owned subsidiary CommonWealth New Bedford Energy, LLC
Contact person	Thomas Yeransian
Title	Principal of CRMC
Address	199 Corey Street Boston, MA 02132
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1.4 Other Entities Involved in the Project

None

1.5 Project Start Date

January 1, 2002

1.6 Project Crediting Period

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

1.7 Project Location

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

1.8 Title and Reference of Methodology

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

1.9 Other Programs

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

2 IMPLEMENTATION STATUS

2.1 Implementation Status of the Project Activity

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

2.2 Deviations

2.2.1 Methodology Deviations

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

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

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

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

2.2.2 Project Description Deviations

The following project deviation include the following:

2.2.2.1 Biogas: Biogas from an anaerobic digester has been added to the landfill gas and represents approximately 6- to 11-percent of the total heat value of the gas being used by the engine-generator sets to make power. The methane quantities contained in landfill gas and biogas are monitored and recorded together. Monitoring equipment and calculation methodology used to quantity the methane quantities of LFG and biogas was not changed from previous verifications. However, the methane quantities contained in biogas are monitored and recorded separately prior to being added to the landfill gas. To obtain the methane quantities contained in the landfill gas only, the biogas quantity in MMBtus is subtracted from the landfill gas and biogas quantity in MMBtus each month.

In reviewing the CDM "Guidelines on Assessment of Different Types of Changes from the Project Activity as Described in the Registered PDD", this project deviation does not impact additionality, scale of project activity, appropriateness of the baseline scenario, or the applicability of the approved methodology and therefore is an acceptable deviation which does not raise concerns.

2.2.2.2 Hourly Data. The hourly data recorded by the on-site SCADA system did not record on 1/2/2016 and from 1/7/2016 – 1/14/2016, 4/3/2016 - 4/4/2016. However, the SCADA system recorded the daily flow data during this time period, which data is the basis to quantify the GHG emission reductions. Therefore, no impact to the quantification of GHG emission reductions occurred.

In reviewing the CDM "Guidelines on Assessment of Different Types of Changes from the Project Activity as Described in the Registered PDD", this project deviation does not impact additionality, scale of project activity, appropriateness of the baseline scenario, or the applicability of the approved methodology and therefore is an acceptable deviation which does not raise concerns.

2.3 Grouped Project **Not Applicable.**

3 DATA AND PARAMETERS

3.1 Data and Parameters Available at Validation

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

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

Data Unit / Parameter:	Global Warming Potential Methane
Data unit:	Metric tons of CO2-equivalents per metric ton of methane
Description:	Global warming potential potency factor
Source of data:	VCS
Value applied:	21
Purpose of the data:	Convert methane to CO2-equivalents. Baseline and emissions reductions.

Any comment:	None

3.2 Data and Parameters Monitored

Data Unit / Parameter:	Methane content of gas
Data unit:	Percent methane content of gas
Description:	Methane content of gas
Source of data:	SCADA System at Facility
Description of measurement methods and procedures to be applied:	Non-dispersive infrared
Frequency of monitoring/recording:	Continuous, hourly, daily
Value monitored:	Methane concentration, %
Monitoring equipment:	California Analytical 602P, Serial # S07002
QA/QC procedures to be applied:	Field calibrated once per week. A zero check and value check is performed by comparison with standard certified gas.
Purpose of the data	Calculate baseline and emissions reductions.
Calculation method:	Used in calculation to obtain heat value of landfill gas in Btu per scf of LFG
Any comment:	CO2 and O2 are also continuously monitored using the same instrument.

Data Unit / Parameter:	Volume of gas
Data unit:	Actual cubic feet per minute
Description:	Quantity of gas used to fuel engines
Source of data:	SCADA System at Facility
Description of measurement methods and procedures to be applied:	Differential pressure measured across orifice plate
Frequency of monitoring/recording:	Continuous, hourly, daily
Value monitored:	Differential pressure
Monitoring equipment:	Oripac Model 4150, Serial #30154
QA/QC procedures to be applied:	Field calibrated once per month.

Purpose of the data	Calculate baseline and emissions reductions.
Calculation method:	Fluid flow equation (Bernoulli) calculates actual cubic feet per minute of gas.
Any comment:	None

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

Data Unit / Parameter:	Pressure of gas
Data unit:	PSIG
Description:	Pressure of gas
Source of data:	SCADA System at Facility
Description of measurement methods and procedures to be applied:	Pressure transducer
Frequency of monitoring/recording:	Continuous
Value monitored:	Static pressure
Monitoring equipment:	Pressure transducer, Omega or equivalent
QA/QC procedures to be applied:	Field calibrated using pressure gauge.

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

Data Unit / Parameter:	Volume of landfill gas
Data unit:	Standard cubic feet per minute
Description:	Quantity of landfill gas combusted in flare
Source of data:	Flare station
Description of measurement methods and procedures to be applied:	Differential pressure measured across orifice plate
Frequency of monitoring/recording:	Continuous, hourly, daily
Value monitored:	Standard cubic feet per minute
Monitoring equipment:	Omega PDF65 sqrt, Serial #57493
QA/QC procedures to be applied:	Field calibrated as required when operating.
Purpose of the data	Calculate baseline and emissions reductions.
Calculation method:	Fluid flow equation (Bernoulli) calculates standard cubic feet per minute of LFG.
Any comment:	None

Data Unit / Parameter:	Methane content of biogas
Data unit:	Percent methane content of biogas
Description:	Methane content of biogas
Source of data:	CRMC Bioenergy Facility (anaerobic digester system) tied to SCADA System at Facility
Description of measurement methods and procedures to be applied:	Non-dispersive infrared
Frequency of monitoring/recording:	Continuous and at totalization of biogas volume
Value monitored:	Methane concentration, %
Monitoring equipment:	Hitech Model: IR600 Infra-Red Gas Analyzer, Serial #1-09916

Data Unit / Parameter:	Methane content of biogas
QA/QC procedures to be applied:	Field calibrated periodically. A value check is performed by comparison with standard certified gas.
Purpose of the data	Calculate emissions reductions.
Calculation method:	Used in calculation to obtain heat value of biogas in Btu per scf of biogas
Any comment:	None

Data Unit / Parameter:	Volume of biogas
Data unit:	Standard cubic feet per minute
Description:	Quantity of biogas added to LFG, both used to fuel engines
Source of data:	CRMC Bioenergy Facility (anaerobic digester system) tied to SCADA System at Facility
Description of measurement methods and procedures to be applied:	Differential pressure measured across a pitot tube
Frequency of monitoring/recording:	Continuous and at totalization of biogas volume
Value monitored:	Differential pressure
Monitoring equipment:	Dwyer Series DS-300 Flow Sensor, which is an averaging pitot tube
QA/QC procedures to be applied:	Field calibrated once per month.
Purpose of the data	Calculate emissions reductions.
Calculation method:	Fluid flow equation (Bernoulli) calculates actual cubic feet per minute of gas.
Any comment:	None

Data Unit / Parameter:	Temperature of biogas
Data unit:	Degrees Fahrenheit
Description:	Temperature of gas
Source of data:	CRMC Bioenergy Facility (anaerobic digester system) tied to SCADA System at Facility

Data Unit / Parameter:	Temperature of biogas
Description of measurement methods and procedures to be applied:	Thermocouple
Frequency of monitoring/recording:	Continuous monitoring
Value monitored:	Temperature
Monitoring equipment:	Thermocouple, Omega or equivalent
QA/QC procedures to be applied:	Field calibrated using thermometer.
Purpose of the data	Calculate emissions reductions.
Calculation method:	Used in fluid flow equation (Bernoulli) to calculate standard cubic feet per minute from actual cubic feet per minute of gas.
Any comment:	None

3.3 Monitoring Plan

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

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

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

Data measurements

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

- Volume of landfill gas collected from the Landfill.
- Methane content of the landfill gas

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

For the flare, the totalilized flow will be read by the operator approximately on a weekly basis, and will record the date and time of each reading.

Note that biogas from an anaerobic digester has been added to the landfill gas and represents approximately 2- to 8-percent of the total heat value of the gas being used by the engine-generator sets to make power. The methane quantities contained in landfill gas and biogas are monitored and recorded together. Monitoring equipment and calculation methodology used to quantity the methane quantities of LFG and biogas was not changed from previous verifications. However, the methane quantities contained in biogas are monitored and recorded separately prior to being added to the landfill gas. To obtain the methane quantities contained in the landfill gas only, the biogas quantity in MMBtus is subtracted from the landfill gas and biogas quantity in MMBtus each month. The methane content, temperature and pressure of biogas remain relatively constant exiting the anaerobic digester prior to being mixed with the landfill gas.

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

The operator typically balances the landfill gas collection wellfield on a bi-weekly basis. The operator measures and records the methane content, carbon dioxide content, oxygen content, and balance gas content. In addition, in the course of balancing the wellfield, the operator records the methane content, carbon dioxide content, oxygen content, and balance

gas content at each individual well or other extraction point in the landfill gas collection system. The results of a typical component analysis of the landfill gas at the Landfill flare is provided below:

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

Organizational structure, responsibilities and competencies.

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

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

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

Describe procedures for handling internal auditing and non-conformities.

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

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

4 QUANTIFICATION OF GHG EMISSION REDUCTIONS AND REMOVALS

4.1 Baseline Emissions

See attached Exhibits 1 through 4.

4.2 Project Emissions

See attached Exhibits 1 through 4.

4.3 Leakage

See attached Exhibits 1 through 4.

4.4 Net GHG Emission Reductions and Removals

See attached Exhibits 1 through 4.

APPENDIX A: SEE ATTACHED EXHIBITS 1 THROUGH 7.

1. Exhibit 1 summarizes the emission reductions from methane oxidation during energy generation and flaring from October 1, 2015 through March 28, 2016.

2. Exhibit 2 provides gas totalizer readings, and methane content readings for the period from October 1, 2015 through March 28, 2016, and calculations using the verification protocols under the VCS to obtain emission reductions from methane oxidation during energy generation.

3. Exhibit 3 provides LFG totalizer readings, and methane content readings for the periods from October 1, 2015 through March 28, 2016, and calculations using the verification protocols under the VCS to obtain emission reductions from methane oxidation during flaring.

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

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

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

7. Exhibit 7 provides Attestation Statement

	EXHIBIT 1R				
	CommonWealth New Bedford Energy LLC				
	Greater New Bedford LFG Utilization Project				
	Dartmouth, Massachusetts				
	Calculation of Verified Emission Reduction Credits in CO2 equivalent tons				
	in accordance with the Project Methodology				
	Key parameters used in calculations				
	Parameter			**VCS**	**VCS**
	Methane oxidation efficiency electricity generation			100.0%	100.0%
	Methane oxidation efficiency LFG flaring			50.0%	50.0%
	Methane, molecular weight			16	16
	Pounds per metric ton			2,205	2,205
	Gas constant (scf per lb-mole)			385	385
	Global Warming Potential (GWP) methane			21	21
	Summary results				
		Unit			
	Electricity generation				
	Start date			1-Oct-15	1-Jan-16
	End date			31-Dec-15	28-Mar-16
	Methane delivered	scf		64,215,489	67,769,872
	Emission Reductions	metric tons CO2e		**25,416**	**26,823**
	Flaring				
	Start date			1-Oct-15	1-Jan-16
	End date			31-Dec-15	28-Mar-16
	Methane delivered	scf		-	-
	Emission Reductions	metric tons CO2e		**-**	**-**
	Subtotal				
	Methane delivered	scf		64,215,489	67,769,872
	Emission Reductions	metric tons CO2e		**25,416**	**26,823**
	District Initial System				
	Methane delivered	scf		3,628,532	3,174,966
	Emission Reductions	metric tons CO2e		**1,436**	**1,257**
	Total				
	Emission Reductions eligible under VCS program	metric tons CO2e		**23,980**	**25,566**

EXHIBIT 2R

CommonWealth New Bedford Energy LLC

Emission Reductions from methane oxidation duringenergy generation

Physical constants:

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

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

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

Standard of Verification: Verified Carbon Standard Version 3, March 25, 2015, v3.5

Begin period - date	End period - date	Totalizer reading end period	Totalizer reading start period	Total in period	Methane delivered to engines	Methane delivered cumulative	Methane delivered in the period	Methane delivered in the period cumulative	Methane oxidation efficiency	MD electricity, Mass methane destroyed in the period	MD electricity, Mass methane destroyed cumulative	Global warming potential methane	Emission reduction	Emission reduction cumulative
mm/dd/yy	*mm/dd/yy*	*MMBtu HHV*	*MMBtu HHV*	*MMBtu HHV*	*scf*	*scf*	*metric tons*	*metric tons*	*%*	*metric tons*	*metric tons*	*tons CO2 equivalent per ton methane*	*CO2 equivalent metric tons*	*CO2 equivalent metric tons*
	1-Oct-15													
1-Oct-15	31-Oct-15	21,878	-	21,878	21,618,646	21,618,646	407	407	100.0%	407	407	21	8,557	8,557
1-Nov-15	30-Nov-15	42,709	21,878	20,831	20,584,022	42,202,669	388	795	100.0%	388	795	21	8,147	16,704
1-Dec-15	31-Dec-15	64,986	42,709	22,277	22,012,820	64,215,489	415	1,210	100.0%	415	1,210	21	8,713	25,416
	1-Jan-16													
1-Jan-16	31-Jan-16	24,209	-	24,209	23,921,739	23,921,739	451	451	100.0%	451	1,661	21	9,468	9,468
1-Feb-16	29-Feb-16	47,027	24,209	22,818	22,547,457	46,469,196	425	876	100.0%	425	2,086	21	8,924	18,392
1-Mar-16	28-Mar-16	68,583	47,027	21,556	21,300,676	67,769,872	401	1,277	100.0%	401	2,488	21	8,431	26,823

EXHIBIT 3

CommonWealth New Bedford Energy LLC

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

Emission Reductions from methane oxidation from LFG flaring

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

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

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

Standard of Verification: Verified Carbon Standard Version 3, March 25, 2015, v3.5

Begin period - date	End period - date	Totalizer reading end period	Totalizer reading start period	Total in period	Methane delivered to flare	Methane delivered cumulative	Methane delivered in the period	Methane delivered cumulative	Methane oxidation efficiency	MD flare, Mass methane destroyed in the period	MD flare, Mass methane destroyed cumulative	Global warming potential methane	Emission reduction	Emission reduction cumulative	PE flare, Project emissions (uncontrolled emissions to atmosphere from flare)	PE flare, Project emissions cumulative (uncontrolled emissions to atmosphere from flare)
mm/dd/yy	*mm/dd/yy*	*MMBtu HHV*	*MMBtu HHV*	*MMBtu HHV*	*scf*	*scf*	*metric tons*	*metric tons*	*%*	*metric tons*	*metric tons*	*tons CO2 equivalent per ton methane*	*CO2 equivalent metric tons*	*CO2 equivalent metric tons*	*CO2 equivalent metric tons*	*CO2 equivalent metric tons*
	1-Oct-15			-												
1-Oct-15	31-Oct-15	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-
1-Nov-15	30-Nov-15	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-
1-Dec-15	31-Dec-15	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-
	1-Jan-16	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-
1-Jan-16	31-Jan-16	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-
1-Feb-16	29-Feb-16	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-
1-Mar-16	28-Mar-16	-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-
		-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-
		-	-	-	-	-	0	0	50%	-	-	21	-	-	-	-

EXHIBIT 4

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

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

Year	Methane collected and delivered to engines and flare, methane metric tons	MD electricity, methane metric tons	MD flared, methane metric tons	MD project, methane metric tons	MD bl (2), methane metric tons	(MD project - MD bl) methane metric tons	BE, CO2e metric tons	ER, CO2e metric tons
4 Quarter 2015	1,210	1,210	-	1,210	68	1,142	23,980	23,980
1 Quarter 2016	1,277	1,277	-	1,277	60	1,217	25,566	25,566

(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

A compilation of the field data logs recording the total gas volumes and methane content readings for the identified reporting periods.

MARCH 2016																	
CNBE Daily Reports Summary Data														DLST			
	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday
	3/1/2016	3/2/2016	3/3/2016	3/4/2016	3/5/2016	3/6/2016	3/7/2016	3/8/2016	3/9/2016	3/10/2016	3/11/2016	3/12/2016	3/13/2016	3/14/2016	3/15/2016	3/16/2016	3/17/2016
LFG and Biogas Flow to the Engines (KSCF)	1,616	1,570	1,597	1,465	1,449	1,461	1,549	1,573	1,553	1,596	1,391	1,313	1,259	1,297	1,279	1,354	1,465
LFG and Biogas Flow to the Engines (MMBTU	921	885	859	799	789	804	873	887	872	905	788	746	711	725	744	787	817
LFG and Biogas Flow to the Flare (KSCF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and BiogasFlow to the Flare (MMBTU HH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and Biogas Total Flow (KSCF)	1,616	1,570	1,597	1,465	1,449	1,461	1,549	1,573	1,553	1,596	1,391	1,313	1,259	1,297	1,279	1,354	1,465
LFG and Biogas Total Flow (MMBTU HHV)	921	885	859	799	789	804	873	887	872	905	788	746	711	725	744	787	817
Average Methane Content (%)	56.4	55.7	53.1	53.9	53.8	54.4	55.7	55.7	55.5	56.1	55.9	56.1	55.8	55.3	57.5	57.4	55.1
Engine 1 Hours	24	23	24	22	24	24	24	24	24	24	5	-	-	-	-	8	23
Engine 2 Hours	24	23	24	23	24	24	24	24	24	24	24	24	23	24	24	24	23
Engine 3 Hours	24	23	24	23	24	24	24	24	24	24	24	24	23	24	24	24	23
Engine 4 Hours	24	23	24	23	24	24	23	24	24	24	24	24	23	24	24	24	22
Generator 1 Power Output (kWhr)	13,218	13,256	14,414	12,450	12,056	12,690	13,754	14,856	14,420	14,420	2,690	-	-	-	-	3,558	10,634
Generator 2 Power Output (kWhr)	18,096	17,434	16,700	16,060	16,326	16,196	18,414	18,682	17,010	18,108	19,808	18,048	17,232	17,974	19,194	18,498	18,210
Generator 3 Power Output (kWhr)	17,942	18,352	18,066	16,792	17,576	18,158	19,148	17,758	19,028	19,564	18,756	17,958	17,212	17,960	17,828	18,248	18,224
Generator 4 Power Output (kWhr)	18,680	18,454	18,728	17,714	17,502	18,806	17,378	17,666	18,958	18,368	18,394	17,944	17,202	17,948	19,278	19,950	18,636
Gross Power Output (kWhr)	67,934	67,496	67,911	63,009	63,446	65,850	68,650	68,934	69,370	70,423	59,581	53,915	51,611	53,837	56,223	60,165	65,638
Net Power Output (kWhr)	65,944	65,640	65,980	61,248	61,670	63,411	66,846	67,179	67,583	68,640	57,944	52,432	50,146	52,285	54,640	58,517	63,974
Power Sold as metered by NStar, (kWhr)	65,790	65,512	65,867	61,156	61,557	63,277	66,701	67,036	67,395	68,439	57,805	52,275	49,966	52,138	54,493	58,344	63,811
Offgrid RECs (kWhr)	1,990	1,856	1,930	1,761	1,776	2,439	1,139	1,753	1,788	1,783	1,637	1,483	1,465	1,552	1,583	1,648	1,663
Calculated Performance Results																	
Daily																	
Power output (kW average when running)																	
Generator 1	551	576	601	566	502	529	573	619	601	601	538	-	-	-	-	445	462
Generator 2	754	758	696	698	680	675	767	778	709	755	825	752	749	749	800	771	792
Generator 3	748	798	753	730	732	757	798	740	793	815	782	748	748	748	743	760	792
Generator 4	778	802	780	770	729	784	756	736	790	765	766	748	748	748	803	831	847
Power output (kW average over 24-hrs)																	
Facility Gross	2,831	2,812	2,830	2,625	2,644	2,744	2,860	2,872	2,890	2,934	2,483	2,246	2,244	2,243	2,343	2,507	2,735
Facility Net	2,748	2,735	2,749	2,552	2,570	2,642	2,785	2,799	2,816	2,860	2,414	2,185	2,180	2,179	2,277	2,438	2,666
In-plant load	83	77	80	73	74	102	75	73	74	74	68	62	64	65	66	69	69
Daily availability factor																	
Facility	100%	96%	100%	95%	100%	100%	99%	100%	100%	100%	80%	75%	75%	75%	75%	83%	95%
Engine 1	100%	96%	100%	92%	100%	100%	100%	100%	100%	100%	21%	0%	0%	0%	0%	33%	96%
Engine 2	100%	96%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%
Engine 3	100%	96%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%
Engine 4	100%	96%	100%	96%	100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	92%
Daily capacity factor																	
Facility	86%	85%	86%	80%	80%	83%	87%	87%	88%	89%	75%	68%	68%	68%	71%	76%	83%
Engine 1	67%	70%	73%	69%	61%	64%	69%	75%	73%	73%	65%	0%	0%	0%	0%	54%	56%
Engine 2	91%	92%	84%	85%	82%	82%	93%	94%	86%	91%	100%	91%	91%	91%	97%	93%	96%
Engine 3	91%	97%	91%	88%	89%	92%	97%	90%	96%	99%	95%	91%	91%	91%	90%	92%	96%
Engine 4	94%	97%	95%	93%	88%	95%	92%	89%	96%	93%	93%	91%	91%	91%	97%	101%	103%
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	311	335	359	383	407
Engine 1	24	47	71	93	117	141	165	189	213	237	242	242	242	242	242	250	273
Engine 2	24	47	71	94	118	142	166	190	214	238	262	286	309	333	357	381	404
Engine 3	24	47	71	94	118	142	166	190	214	238	262	286	309	333	357	381	404
Engine 4	24	47	71	94	118	142	165	189	213	237	261	285	308	332	356	380	402
Engine operating run hours total from 0 hours																	
Engine 1 (81,803)	81,827	81,850	81,874	81,896	81,920	81,944	81,968	81,992	82,016	82,040	82,045	82,045	82,045	82,045	82,045	82,053	82,076
Engine 2 (78,340)	78,364	78,387	78,411	78,434	78,458	78,482	78,506	78,530	78,554	78,578	78,602	78,626	78,649	78,673	78,697	78,721	78,744
Engine 3 (80,920)	80,944	80,967	80,991	81,014	81,038	81,062	81,086	81,110	81,134	81,158	81,182	81,206	81,229	81,253	81,277	81,301	81,324
Engine 4 (77,454)	77,478	77,501	77,525	77,548	77,572	77,596	77,619	77,643	77,667	77,691	77,715	77,739	77,762	77,786	77,810	77,834	77,856
Cumulative availability, % (March 1, 2016 @ 00:00 hours)																	
Engine 1	100%	98%	99%	97%	98%	98%	98%	98%	99%	99%	92%	84%	78%	72%	67%	65%	67%
Engine 2	100%	98%	99%	98%	98%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%
Engine 3	100%	98%	99%	98%	98%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%
Engine 4	100%	98%	99%	98%	98%	99%	98%	98%	99%	99%	99%	99%	99%	99%	99%	99%	99%
Engine cumulative gross output, kWhr																	
Max cumulative capacity one engine	825	1,650	2,475	3,300	4,125	4,950	5,775	6,600	7,425	8,250	9,075	9,900	10,725	11,550	12,375	13,200	14,025
Engine 1	551	1,127	1,728	2,294	2,796	3,325	3,898	4,517	5,118	5,718	6,256	6,256	6,256	6,256	6,256	6,701	7,164
Engine 2	754	1,512	2,208	2,906	3,586	4,261	5,028	5,807	6,516	7,270	8,095	8,847	9,597	10,346	11,145	11,916	12,708
Engine 3	748	1,545	2,298	3,028	3,761	4,517	5,315	6,055	6,848	7,663	8,445	9,193	9,941	10,689	11,432	12,193	12,985
Engine 4	778	1,581	2,361	3,131	3,860	4,644	5,400	6,136	6,926	7,691	8,457	9,205	9,953	10,701	11,504	12,335	13,182
Cumulative capacity factor, %																	
Engine 1	67%	68%	70%	70%	68%	67%	67%	68%	69%	69%	69%	63%	58%	54%	51%	51%	51%
Engine 2	91%	92%	89%	88%	87%	86%	87%	88%	88%	88%	89%	89%	89%	90%	90%	90%	91%
Engine 3	91%	94%	93%	92%	91%	91%	92%	92%	92%	93%	93%	93%	93%	93%	92%	92%	93%
Engine 4	94%	96%	95%	95%	94%	94%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	94%

MARCH 2016

	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday
	3/1/2016	3/2/2016	3/3/2016	3/4/2016	3/5/2016	3/6/2016	3/7/2016	3/8/2016	3/9/2016	3/10/2016	3/11/2016	3/12/2016	3/13/2016	3/14/2016	3/15/2016	3/16/2016	3/17/2016
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	1,244	1,340	1,436	1,532	1,628
Actual cumulative engine run hours	96	188	284	375	471	567	662	758	854	950	1,027	1,099	1,168	1,240	1,312	1,392	1,483
Cumulative Availability, %	100.0%	97.9%	98.6%	97.7%	98.1%	98.4%	98.5%	98.7%	98.8%	99.0%	97.3%	95.4%	93.9%	92.5%	91.4%	90.9%	91.1%
Max cumulative gross output, kWhr	79,200	158,400	237,600	316,800	396,000	475,200	554,400	633,600	712,800	792,000	871,200	950,400	1,026,300	1,105,500	1,184,700	1,263,900	1,343,100
Actual cumulative gross output, kWhr	67,934	135,430	203,341	266,350	329,796	395,646	464,296	533,230	602,600	673,023	732,604	786,519	838,130	891,967	948,190	1,008,355	1,073,993
Cumulative Capacity Factor	85.8%	85.5%	85.6%	84.1%	83.3%	83.3%	83.7%	84.2%	84.5%	85.0%	84.1%	82.8%	81.7%	80.7%	80.0%	79.8%	80.0%
Cumulative fuel input, MMBtu HHV	921	1,806	2,664	3,463	4,252	5,056	5,929	6,815	7,687	8,593	9,380	10,126	10,837	11,563	12,307	13,094	13,910
Cumulative gross output, kWhr	67,934	135,430	203,341	266,350	329,796	395,646	464,296	533,230	602,600	673,023	732,604	786,519	838,130	891,967	948,190	1,008,355	1,073,993
Heat Rate																	
Daily heat rate, Btu/kWe gross LHV	12,208	11,798	11,380	11,415	11,192	10,987	11,442	11,582	11,316	11,572	11,898	12,452	12,405	12,128	11,916	11,775	11,201
Daily heat rate, Btu/kWe gross HHV	13,562	13,106	12,642	12,681	12,433	12,205	12,711	12,866	12,570	12,855	13,217	13,833	13,780	13,472	13,237	13,081	12,442
Cumulative heat rate, Btu/kWe gross LHV	12,208	12,004	11,795	11,705	11,607	11,503	11,494	11,506	11,484	11,493	11,526	11,590	11,640	11,669	11,684	11,689	11,659
Cumulative heat rate, Btu/kWe gross HHV	13,562	13,335	13,103	13,003	12,893	12,779	12,769	12,781	12,757	12,767	12,804	12,874	12,930	12,963	12,979	12,985	12,952
Cumulative by Facility starting Calendar Year																	
Max cumulative available engine run hours	5,760	5,856	5,952	6,048	6,144	6,240	6,336	6,432	6,528	6,624	6,720	6,816	6,908	7,004	7,100	7,196	7,292
Actual cumulative engine run hours	5,678	5,770	5,866	5,957	6,053	6,149	6,244	6,340	6,436	6,532	6,609	6,681	6,750	6,822	6,894	6,974	7,065
Cumulative Availability, %	98.6%	98.5%	98.6%	98.5%	98.5%	98.5%	98.5%	98.6%	98.6%	98.6%	98.3%	98.0%	97.7%	97.4%	97.1%	96.9%	96.9%
Max cumulative gross output, kWhr	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	5,699,100	5,778,300	5,857,500	5,936,700	6,015,900
Actual cumulative gross output, kWhr	4,076,961	4,144,457	4,212,368	4,275,377	4,338,823	4,404,673	4,473,323	4,542,257	4,611,627	4,682,050	4,741,631	4,795,546	4,847,157	4,900,994	4,957,217	5,017,382	5,083,020
Cumulative Capacity Factor	85.8%	85.8%	85.8%	85.7%	85.6%	85.6%	85.6%	85.6%	85.6%	85.7%	85.5%	85.3%	85.1%	84.8%	84.6%	84.5%	84.5%
Cumulative fuel input, MMBtu HHV	50,357	51,242	52,100	52,899	53,688	54,492	55,364	56,251	57,123	58,028	58,816	59,562	60,273	60,998	61,742	62,529	63,346
Cumulative gross output, kWhr	4,076,961	4,144,457	4,212,368	4,275,377	4,338,823	4,404,673	4,473,323	4,542,257	4,611,627	4,682,050	4,741,631	4,795,546	4,847,157	4,900,994	4,957,217	5,017,382	5,083,020
Cumulative heat rate, Btu/kWe gross LHV	11,119	11,130	11,134	11,138	11,139	11,137	11,141	11,148	11,151	11,157	11,166	11,181	11,194	11,204	11,212	11,219	11,219
Cumulative heat rate, Btu/kWe gross HHV	12,352	12,364	12,368	12,373	12,374	12,371	12,377	12,384	12,387	12,394	12,404	12,420	12,435	12,446	12,455	12,463	12,462
Service																	
Engine 1		Nstar outage		Nstar outage planned for fuse													
Engine 2				replacement													
Engine 3																	
Engine 4																	
Oil - oil and filter change											Flare on	Flare on	Flare on	Flare on	Flare on	Flare on	
Service - plugs, air filter, valve inspection and adjustment																	
Precipitation																	

NSTAR Power Reports	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday
Date	3/1/2016	3/2/2016	3/3/2016	3/4/2016	3/5/2016	3/6/2016	3/7/2016	3/8/2016	3/9/2016	3/10/2016	3/11/2016	3/12/2016	3/13/2016	3/14/2016	3/15/2016	3/16/2016	3/17/2016
Hour																	
1	2,707	2,873	2,710	2,775	2,592	2,570	2,715	2,897	2,768	2,885	2,849	2,248	2,175	2,172	2,170	2,335	2,841
2	2,705	2,873	2,708	2,775	2,593	2,526	2,689	2,895	2,769	2,884	2,849	2,176	2,175	2,177	2,176	2,340	2,845
3	2,702	2,945	2,703	2,771	2,590	2,518	2,777	2,892	2,762	2,878	2,838	2,171	2,171	2,176	2,176	2,339	2,846
4	2,707	2,955	2,708	2,776	2,594	2,523	2,782	2,897	2,768	2,883	2,770	2,176	2,176	2,171	2,171	2,334	2,839
5	2,705	2,849	2,707	2,775	2,593	2,522	2,723	2,897	2,766	2,882	2,566	2,176	2,176	2,177	2,177	2,340	2,846
6	2,700	150	2,702	2,772	2,589	2,517	2,563	2,892	2,762	2,878	2,423	2,172	2,170	2,176	2,178	2,339	2,846
7	2,707	2,873	2,709	2,779	2,593	2,523	2,570	2,898	2,769	2,886	2,428	2,179	2,177	2,171	2,172	2,334	2,842
8	2,706	2,961	2,706	2,778	2,594	2,523	2,568	2,898	2,766	2,884	2,421	2,178	2,178	2,176	2,176	2,339	2,848
9	2,696	2,956	2,619	2,765	2,588	2,518	2,714	2,620	2,752	2,755	2,411	2,173	2,167	2,170	2,236	2,334	2,833
10	2,700	2,963	2,612	2,770	2,592	2,521	2,778	2,335	2,758	2,232	2,365	2,179	2,170	2,164	2,156	2,328	2,826
11	2,698	2,979	2,650	2,769	2,593	2,566	2,779	2,367	2,757	2,851	2,332	2,178	2,164	2,172	2,327	2,333	2,828
12	2,703	3,000	2,684	2,763	2,589	2,627	2,129	2,992	2,633	2,865	2,327	2,172	2,159	2,171	2,329	2,333	2,803
13	2,715	2,755	2,839	2,714	2,484	2,633	2,405	2,912	2,754	2,871	2,346	2,177	2,171	2,167	2,324	2,329	912
14	2,713	2,841	2,898	2,470	2,162	2,672	2,981	2,842	2,818	2,872	2,329	2,176	2,173	2,165	2,332	2,267	501
15	2,708	2,872	2,895	201	2,688	2,676	3,052	2,841	2,865	2,969	2,275	2,172	2,167	2,164	2,334	2,051	2,716
16	2,783	2,877	2,833	1,074	2,574	2,680	3,059	2,820	2,873	2,923	2,247	2,174	2,173	2,162	2,334	2,266	2,849
17	2,791	2,812	2,773	2,853	2,572	2,710	3,017	2,771	2,881	2,929	2,249	2,177	2,174	2,179	2,343	2,466	2,849
18	2,785	2,713	2,770	2,782	2,566	2,777	2,974	2,767	2,878	2,925	2,248	2,172	2,170	2,179	2,344	2,145	2,851
19	2,790	2,716	2,776	2,694	2,572	2,781	2,948	2,771	2,884	2,931	2,255	2,177	2,178	2,173	2,339	2,576	2,852
20	2,789	2,713	2,774	2,695	2,569	2,779	2,898	2,769	2,884	2,866	2,257	2,177	2,177	2,177	2,342	2,845	2,851
21	2,786	2,709	2,772	2,631	2,565	2,775	2,894	2,764	2,880	2,846	2,253	2,171	2,172	2,176	2,342	2,843	2,849
22	2,790	2,712	2,775	2,595	2,571	2,781	2,898	2,769	2,885	2,851	2,257	2,177	2,177	2,171	2,335	2,838	2,847
23	2,837	2,709	2,774	2,592	2,569	2,781	2,896	2,768	2,884	2,850	2,257	2,176	2,176	2,177	2,340	2,845	2,846
24	2,867	2,706	2,770	2,587	2,565	2,778	2,892	2,762	2,879	2,843	2,253	2,171	-	2,175	2,340	2,845	2,845
						-											
TOTAL	65,790	65,512	65,867	61,156	61,557	63,277	66,701	67,036	67,395	68,439	57,805	52,275	49,966	52,138	54,493	58,344	63,811
Cumulative Output Sold, kWhr	65,790	131,302	197,169	258,325	319,882	383,159	449,860	516,896	584,291	652,730	710,535	762,810	812,776	864,914	919,407	977,751	1,041,562
Transformer and line efficiency	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.7%	99.7%	99.8%	99.7%	99.6%	99.7%	99.7%	99.7%	99.7%
Hourly average	2,741	2,730	2,744	2,548	2,565	2,637	2,779	2,793	2,808	2,852	2,409	2,178	2,082	2,172	2,271	2,431	2,659

MARCH 2016																		
CNBE Daily Reports Summary Dat																		
	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday				
	3/18/2016	3/19/2016	3/20/2016	3/21/2016	3/22/2016	3/23/2016	3/24/2016	3/25/2016	3/26/2016	3/27/2016	3/28/2016	3/29/2016	3/30/2016	3/31/2016	TOTAL	Biogas	LFG
LFG and Biogas Flow to the Engine	1,603	1,709	1,496	1,409	1,465	1,390	1,484	1,628	1,648	1,619	1,425	1,410	1,396	1,388	45,853	2,186	43,668
LFG and Biogas Flow to the Engine	889	903	804	780	797	758	809	894	874	858	807	784	765	769	25,400	1,526	23,874
LFG and Biogas Flow to the Flare (	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.0%	94%
LFG and BiogasFlow to the Flare (I	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LFG and Biogas Total Flow (KSCF	1,603	1,709	1,496	1,409	1,465	1,390	1,484	1,628	1,648	1,619	1,425	1,410	1,396	1,388	45,853		
LFG and Biogas Total Flow (MMBT	889	903	804	780	797	758	809	894	874	858	807	784	765	769	25,400		**21,556**
Average Methane Content (%)	54.8	52.2	53.1	54.7	53.8	53.9	53.9	54.3	52.4	52.4	55.9	54.9	54.2	54.7	54.7		2,317.7
Engine 1 Hours	24	24	24	24	8	-	11	24	24	24	11	-	-	-	471		2,178
Engine 2 Hours	24	24	24	24	24	24	24	24	24	24	23	24	23	24	738		
Engine 3 Hours	24	24	20	8	24	24	24	23	24	24	24	24	24	24	719		
Engine 4 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	738		
Generator 1 Power Output (kWhr)	11,802	12,988	12,052	13,148	4,708	-	4,858	11,476	11,460	10,712	4,478	-	-	-	250,098		
Generator 2 Power Output (kWhr)	19,640	19,462	17,790	19,958	19,968	19,970	19,966	19,966	18,672	17,954	18,458	19,964	18,638	19,726	572,122		
Generator 3 Power Output (kWhr)	18,596	18,324	14,380	4,994	17,522	18,400	19,344	19,188	18,560	17,928	19,076	19,726	19,726	19,402	553,736		
Generator 4 Power Output (kWhr)	19,718	19,574	18,760	19,658	18,164	19,046	18,582	19,648	17,958	17,958	19,246	19,962	19,966	19,962	579,808		
Gross Power Output (kWhr)	69,689	70,290	62,959	57,781	60,318	57,360	62,677	70,215	66,582	64,485	61,183	59,564	58,231	58,993	1,954,320		
Net Power Output (kWhr)	67,820	68,294	61,147	56,030	58,526	55,655	60,912	68,318	64,789	62,719	59,514	57,909	56,623	57,348	1,899,683		
Power Sold as metered by NStar, (	67,653	68,160	61,057	55,872	58,423	55,504	60,764	68,132	64,623	62,547	59,393	57,780	56,532	57,265	1,895,267	CRMCB inplant	
Offgrid RECs (kWhr)	1,869	1,996	1,803	1,751	1,792	1,705	1,766	1,897	1,793	1,766	1,669	1,655	1,608	1,645	53,961	10,262	
Calculated Performance Results																19%	
Daily																of total in-plant power	
Power output (kW average whe																	
Generator 1	492	541	502	548	589	-	442	478	478	446	407	-	-	-			
Generator 2	818	811	741	832	832	832	832	832	778	748	803	832	810	822			
Generator 3	775	764	719	624	730	767	806	834	773	747	795	822	822	808			
Generator 4	822	816	782	819	757	794	774	819	748	748	802	832	832	832			
Power output (kW average ove																	
Facility Gross	2,904	2,929	2,623	2,408	2,513	2,390	2,612	2,926	2,774	2,687	2,549	2,482	2,426	2,458			
Facility Net	2,826	2,846	2,548	2,335	2,439	2,319	2,538	2,847	2,700	2,613	2,480	2,413	2,359	2,390			
In-plant load	78	83	76	73	75	71	74	79	75	74	70	69	67	69			
Daily availability factor																	
Facility	100%	100%	96%	83%	83%	75%	86%	99%	100%	100%	85%	75%	74%	75%			
Engine 1	100%	100%	100%	100%	33%	0%	46%	100%	100%	100%	46%	0%	0%	0%			
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	96%	100%			
Engine 3	100%	100%	83%	33%	100%	100%	100%	96%	100%	100%	100%	100%	100%	100%			
Engine 4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%			
Daily capacity factor																	
Facility	88%	89%	79%	73%	76%	72%	79%	89%	84%	81%	77%	75%	74%	74%			
Engine 1	60%	66%	61%	66%	71%	0%	54%	58%	58%	54%	49%	0%	0%	0%			
Engine 2	99%	98%	90%	101%	101%	101%	101%	101%	94%	91%	97%	101%	98%	100%			
Engine 3	94%	93%	87%	76%	88%	93%	98%	101%	94%	91%	96%	100%	100%	98%			
Engine 4	100%	99%	95%	99%	92%	96%	94%	99%	91%	91%	97%	101%	101%	101%			
Cumulative by engine																	
Engine operating run hours in t																	
Max Cumulative Available,	431	455	479	503	527	551	575	599	623	647	671	695	719	719			
Engine 1	297	321	345	369	377	377	388	412	436	460	471	471	471	471			
Engine 2	428	452	476	500	524	548	572	596	620	644	667	691	714	715			
Engine 3	428	452	472	480	504	528	552	575	599	623	647	671	695	695			
Engine 4	426	450	474	498	522	546	570	594	618	642	666	690	714	714			
Engine operating run hours tota																	
Engine 1	82,100	82,124	82,148	82,172	82,180	82,180	82,191	82,215	82,239	82,263	82,274	82,274	82,274	82,274			
Engine 2	78,768	78,792	78,816	78,840	78,864	78,888	78,912	78,936	78,960	78,984	79,007	79,031	79,054	79,078			
Engine 3	81,348	81,372	81,392	81,400	81,424	81,448	81,472	81,495	81,519	81,543	81,567	81,591	81,615	81,639			
Engine 4	77,880	77,904	77,928	77,952	77,976	78,000	78,024	78,048	78,072	78,096	78,120	78,144	78,168	78,192			
Cumulative availability, %																	
Engine 1	69%	71%	72%	73%	72%	68%	67%	69%	70%	71%	70%	68%	66%	66%			
Engine 2	99%	99%	99%	99%	99%	99%	99%	99%	100%	100%	99%	99%	99%	99%			
Engine 3	99%	99%	99%	95%	96%	96%	96%	96%	96%	96%	96%	97%	97%	97%			
Engine 4	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%			
Engine cumulative gross outpu																	
Max cumulative capacity or	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	7,655	8,196	8,699	9,246	9,835	9,835	10,277	10,755	11,232	11,679	12,086	12,086	12,086	12,086			
Engine 2	13,526	14,337	15,078	15,910	16,742	17,574	18,406	19,238	20,016	20,764	21,566	22,398	23,209	23,220			
Engine 3	13,760	14,523	15,242	15,867	16,597	17,363	18,169	19,004	19,777	20,524	21,319	22,141	22,963	22,949			
Engine 4	14,004	14,820	15,601	16,420	17,177	17,971	18,745	19,564	20,312	21,060	21,862	22,694	23,526	23,526			
Cumulative capacity factor, %																	
Engine 1	52%	52%	53%	53%	54%	52%	52%	52%	52%	52%	52%	51%	49%	49%			
Engine 2	91%	91%	91%	92%	92%	93%	93%	93%	93%	93%	93%	94%	94%	94%			
Engine 3	93%	93%	92%	92%	91%	92%	92%	92%	92%	92%	92%	93%	93%	93%			
Engine 4	94%	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%			

	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday			
	3/18/2016	3/19/2016	3/20/2016	3/21/2016	3/22/2016	3/23/2016	3/24/2016	3/25/2016	3/26/2016	3/27/2016	3/28/2016	3/29/2016	3/30/2016	3/31/2016	TOTAL	Biogas	LFG
Cumulative by Facility in month																	
Max cumulative available engi	1,724	1,820	1,916	2,012	2,108	2,204	2,300	2,396	2,492	2,588	2,684	2,780	2,876	2,876			
Actual cumulative engine run h	1,579	1,675	1,767	1,847	1,927	1,999	2,082	2,177	2,273	2,369	2,451	2,523	2,594	2,595			
Cumulative Availability, %	91.6%	92.0%	92.2%	91.8%	91.4%	90.7%	90.5%	90.9%	91.2%	91.5%	91.3%	90.8%	90.2%	90.2%			
Max cumulative gross output, k	1,422,300	1,501,500	1,580,700	1,659,900	1,739,100	1,818,300	1,897,500	1,976,700	2,055,900	2,135,100	2,214,300	2,293,500	2,372,700	2,372,700			
Actual cumulative gross output	1,143,682	1,213,972	1,276,931	1,334,712	1,395,030	1,452,390	1,515,067	1,585,282	1,651,864	1,716,349	1,777,532	1,837,096	1,895,327	1,896,089			
Cumulative Capacity Factor	80.4%	80.9%	80.8%	80.4%	80.2%	79.9%	79.8%	80.2%	80.3%	80.4%	80.3%	80.1%	79.9%	79.9%			
Cumulative fuel input, MMBtu H	14,799	15,702	16,506	17,286	18,083	18,840	19,649	20,544	21,418	22,276	23,082	23,866	24,631	24,635			
Cumulative gross output, kWhr	1,143,682	1,213,972	1,276,931	1,334,712	1,395,030	1,452,390	1,515,067	1,585,282	1,651,864	1,716,349	1,777,532	1,837,096	1,895,327	1,896,089			
Heat Rate																	
Daily heat rate, Btu/kWe gross	11,481	11,558	11,496	12,152	11,895	11,888	11,622	11,463	11,817	11,980	11,866	11,843	11,832	11,730			
Daily heat rate, Btu/kWe gross	12,754	12,840	12,770	13,499	13,213	13,206	12,911	12,734	13,127	13,309	13,182	13,156	13,144	13,030			
Cumulative heat rate, Btu/kWe	11,649	11,643	11,636	11,658	11,669	11,677	11,675	11,666	11,672	11,683	11,690	11,695	11,699	11,696			
Cumulative heat rate, Btu/kWe	12,940	12,934	12,926	12,951	12,962	12,972	12,969	12,959	12,966	12,979	12,986	12,991	12,996	12,992			
Cumulative by Facility starting C																	
Max cumulative available engi	7,388	7,484	7,580	7,676	7,772	7,868	7,964	8,060	8,156	8,252	8,348	8,444	8,540	8,540			
Actual cumulative engine run h	7,161	7,257	7,349	7,429	7,509	7,581	7,664	7,759	7,855	7,951	8,033	8,105	8,176	8,177			
Cumulative Availability, %	96.9%	97.0%	97.0%	96.8%	96.6%	96.4%	96.2%	96.3%	96.3%	96.4%	96.2%	96.0%	95.7%	95.7%			
Max cumulative gross output, k	6,095,100	6,174,300	6,253,500	6,332,700	6,411,900	6,491,100	6,570,300	6,649,500	6,728,700	6,807,900	6,887,100	6,966,300	7,045,500	7,045,500			
Actual cumulative gross output	5,152,709	5,222,999	5,285,958	5,343,739	5,404,057	5,461,417	5,524,094	5,594,309	5,660,891	5,725,376	5,786,559	5,846,123	5,904,354	5,905,116			
Cumulative Capacity Factor	84.5%	84.6%	84.5%	84.4%	84.3%	84.1%	84.1%	84.1%	84.1%	84.1%	84.0%	83.9%	83.8%	83.8%			
Cumulative fuel input, MMBtu H	64,235	65,137	65,941	66,721	67,518	68,276	69,085	69,979	70,853	71,711	72,518	73,301	74,067	74,070			
Cumulative gross output, kWhr	5,152,709	5,222,999	5,285,958	5,343,739	5,404,057	5,461,417	5,524,094	5,594,309	5,660,891	5,725,376	5,786,559	5,846,123	5,904,354	5,905,116			
Cumulative heat rate, Btu/kWe	11,222	11,227	11,230	11,240	11,247	11,254	11,258	11,261	11,267	11,275	11,281	11,287	11,292	11,292			
Cumulative heat rate, Btu/kWe	12,466	12,471	12,475	12,486	12,494	12,501	12,506	12,509	12,516	12,525	12,532	12,538	12,544	12,543			
Service																	
Engine 1					Dropped valve, piston and head replaced						E-1 connecting rod journals cylinder 9 & 10 crankshaft main bearing possible damage						
Engine 2																	
Engine 3			Dropped valve, piston and head replaced														
Engine 4																	
Oil - oil and filter change			Flare on	Flare on	Flare on	Flare on											
Service - plugs, air filter, valve insp																	
Precipitation																	
NSTAR Power Reports	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday			
Date	3/18/2016	3/19/2016	3/20/2016	3/21/2016	3/22/2016	3/23/2016	3/24/2016	3/25/2016	3/26/2016	3/27/2016	3/28/2016	3/29/2016	3/30/2016	3/31/2016	TOTAL		
Hour																	
1	2,844	2,892	2,609	2,091	2,738	2,248	2,382	2,870	2,789	2,602	2,608	2,403	2,409	2,400			
2	2,843	2,897	2,615	2,131	2,744	2,252	2,387	2,877	2,795	2,608	2,614	2,408	2,414	2,405			
3	2,841	2,897	2,614	2,147	2,744	2,253	2,387	2,877	2,796	2,608	2,613	2,410	2,415	2,406			
4	2,839	2,892	2,608	2,142	2,739	2,247	2,381	2,871	2,789	2,602	2,608	2,403	2,408	2,400			
5	2,839	2,898	2,615	2,146	2,746	2,253	2,387	2,878	2,794	2,607	2,612	2,409	2,415	2,405			
6	2,838	2,897	2,616	2,145	2,747	2,253	2,388	2,879	2,796	2,606	2,612	2,410	2,415	2,405			
7	2,838	2,891	2,609	2,138	2,741	2,248	2,346	2,871	2,788	2,601	2,608	2,403	2,409	2,400			
8	2,825	2,898	2,615	2,143	2,747	2,255	2,304	2,879	2,795	2,607	2,616	2,410	2,415	2,405			
9	2,471	2,898	2,615	2,137	2,557	2,244	2,298	2,870	2,719	2,604	2,322	2,401	2,405	2,394			
10	2,505	2,890	2,609	2,133	2,323	2,241	2,292	2,865	2,636	2,600	2,174	2,396	1,908	2,386			
11	2,754	2,895	2,611	2,139	2,329	2,247	2,308	2,530	2,640	2,606	2,411	2,403	1,725	2,387			
12	2,783	2,895	2,613	2,139	2,258	2,328	2,301	2,686	2,640	2,607	2,418	2,407	2,392	2,393			
13	2,822	2,889	2,609	2,134	2,242	2,325	2,365	2,867	2,634	2,599	2,455	2,400	2,391	2,386			
14	2,852	2,894	2,619	2,141	2,248	2,327	2,453	2,871	2,639	2,603	2,655	2,406	2,397	2,392			
15	2,672	2,895	2,659	2,136	2,250	2,327	2,073	2,872	2,640	2,604	2,415	2,406	2,396	2,393			
16	2,894	2,889	2,694	2,131	2,246	2,367	2,714	2,867	2,634	2,600	2,400	2,400	2,391	2,388			
17	2,902	2,895	2,703	2,222	2,257	2,386	2,873	2,877	2,641	2,605	2,406	2,413	2,398	2,399			
18	2,903	2,894	2,702	2,637	2,257	2,387	2,875	2,878	2,640	2,608	2,406	2,415	2,401	2,403			
19	2,896	2,887	2,696	2,839	2,249	2,383	2,869	2,871	2,634	2,605	2,401	2,409	2,400	2,397			
20	2,901	2,725	2,655	2,873	2,254	2,390	2,878	2,876	2,639	2,617	2,408	2,415	2,407	2,403			
21	2,899	2,614	2,083	2,824	2,254	2,388	2,878	2,822	2,641	2,615	2,410	2,415	2,407	2,403			
22	2,893	2,608	2,093	2,788	2,248	2,382	2,871	2,789	2,634	2,607	2,404	2,409	2,401	2,397			
23	2,899	2,615	2,098	2,772	2,253	2,386	2,877	2,795	2,640	2,612	2,408	2,414	2,407	2,402			
24	2,900	2,615	2,097	2,744	2,252	2,387	2,877	2,794	2,630	2,614	2,409	2,415	2,406	2,116			
TOTAL	67,653	68,160	61,057	55,872	58,423	55,504	60,764	68,132	64,623	62,547	59,393	57,780	56,532	57,265			
Cumulative Output Sold, kV	1,109,215	1,177,375	1,238,432	1,294,304	1,352,727	1,408,231	1,468,995	1,537,127	1,601,750	1,664,297	1,723,690	1,781,470	1,838,002	1,895,267			
Transformer and line efficien	99.8%	99.8%	99.9%	99.7%	99.8%	99.7%	99.8%	99.7%	99.7%	99.7%	99.8%	99.8%	99.8%	99.9%	0.0%		
Hourly average	2,819	2,840	2,544	2,328	2,434	2,313	2,532	2,839	2,693	2,606	2,475	2,408	2,356	2,386	2,547		

FEBRUARY 2016																	
CNBE Daily Reports Summary Data																	
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday
	2/1/2016	2/2/2016	2/3/2016	2/4/2016	2/5/2016	2/6/2016	2/7/2016	2/8/2016	2/9/2016	2/10/2016	2/11/2016	2/12/2016	2/13/2016	2/14/2016	2/15/2016	2/16/2016	2/17/2016
LFG and Biogas Flow to the Engines (KSCF)	1,569	1,640	1,585	1,321	1,089	1,317	1,400	1,411	1,538	1,633	1,637	1,522	1,605	1,605	1,533	1,600	1,522
LFG and Biogas Flow to the Engines (MMBTU	868	884	876	746	582	699	744	751	825	884	874	818	847	826	807	861	802
LFG and Biogas Flow to the Flare (KSCF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and BiogasFlow to the Flare (MMBTU HH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and Biogas Total Flow (KSCF)	1,569	1,640	1,585	1,321	1,089	1,317	1,400	1,411	1,538	1,633	1,637	1,522	1,605	1,605	1,533	1,600	1,522
LFG and Biogas Total Flow (MMBTU HHV)	868	884	876	746	582	699	744	751	825	884	874	818	847	826	807	861	802
Average Methane Content (%)	54.7	53.3	54.6	55.8	52.8	52.4	52.5	52.6	53.0	53.5	52.8	53.1	52.2	50.8	52.0	53.2	52.0
Engine 1 Hours	24	24	19	-	11	22	24	20	24	24	24	23	24	24	20	24	22
Engine 2 Hours	24	22	24	24	24	24	24	24	24	24	24	23	24	24	24	24	22
Engine 3 Hours	20	24	24	24	24	24	24	24	24	24	24	23	24	24	24	24	22
Engine 4 Hours	24	22	24	24	24	52	24	24	24	24	24	22	24	24	24	24	22
Generator 1 Power Output (kWhr)	13,834	16,546	12,690	-	3,328	6,328	1,886	2,894	10,238	15,146	15,584	13,022	14,678	13,220	8,776	11,524	11,014
Generator 2 Power Output (kWhr)	19,010	17,186	19,798	19,982	13,672	16,334	19,962	19,958	19,954	19,962	19,516	18,208	17,972	17,970	19,366	19,974	18,308
Generator 3 Power Output (kWhr)	15,440	18,828	19,000	19,980	13,526	16,318	19,964	19,956	19,956	19,212	18,896	18,196	17,956	17,956	19,368	19,972	17,896
Generator 4 Power Output (kWhr)	19,098	16,898	19,378	19,954	13,400	16,200	19,952	19,950	19,954	19,836	19,148	16,644	18,746	18,114	18,888	19,948	17,346
Gross Power Output (kWhr)	67,342	69,420	70,800	59,798	43,953	55,137	61,738	62,724	70,048	74,087	73,062	65,998	69,229	67,128	66,303	71,323	64,489
Net Power Output (kWhr)	65,520	67,448	68,944	58,216	42,384	53,272	59,776	60,640	67,896	71,976	70,864	63,968	67,128	65,016	64,320	69,248	62,616
Power Sold as metered by NStar, (kWhr)	65,323	67,296	68,811	58,079	42,396	53,200	59,691	60,595	67,815	71,867	70,770	63,899	67,056	65,013	64,264	69,058	62,504
Offgrid RECs (kWhr)	1,823	1,972	1,854	1,582	1,569	1,865	1,962	2,084	2,152	2,111	2,199	2,030	2,100	2,112	1,983	2,075	1,873
Calculated Performance Results																	
Daily																	
Power output (kW average when running)																	
Generator 1	576	689	668	-	303	288	79	145	427	631	649	566	612	551	439	480	501
Generator 2	792	781	825	833	570	681	832	832	831	832	813	792	749	749	807	832	832
Generator 3	772	785	792	833	564	680	832	832	832	801	787	791	748	748	807	832	813
Generator 4	796	768	807	831	558	312	831	831	831	827	798	757	781	755	787	831	788
Power output (kW average over 24-hrs)																	
Facility Gross	2,806	2,893	2,950	2,492	1,831	2,297	2,572	2,614	2,919	3,087	3,044	2,750	2,885	2,797	2,763	2,972	2,687
Facility Net	2,730	2,810	2,873	2,426	1,766	2,220	2,491	2,527	2,829	2,999	2,953	2,665	2,797	2,709	2,680	2,885	2,609
In-plant load	76	82	77	66	65	78	82	87	90	88	92	85	88	88	83	86	78
Daily availability factor																	
Facility	96%	96%	95%	75%	86%	127%	100%	96%	100%	100%	100%	95%	100%	100%	96%	100%	92%
Engine 1	100%	100%	79%	0%	46%	92%	100%	83%	100%	100%	100%	96%	100%	100%	83%	100%	92%
Engine 2	100%	92%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	100%	92%
Engine 3	83%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	100%	92%
Engine 4	100%	92%	100%	100%	100%	217%	100%	100%	100%	100%	100%	92%	100%	100%	100%	100%	92%
Daily capacity factor																	
Facility	85%	88%	89%	76%	55%	70%	78%	79%	88%	94%	92%	83%	87%	85%	84%	90%	81%
Engine 1	70%	84%	81%	0%	37%	35%	10%	18%	52%	76%	79%	69%	74%	67%	53%	58%	61%
Engine 2	96%	95%	100%	101%	69%	82%	101%	101%	101%	101%	99%	96%	91%	91%	98%	101%	101%
Engine 3	94%	95%	96%	101%	68%	82%	101%	101%	101%	97%	95%	96%	91%	91%	98%	101%	99%
Engine 4	96%	93%	98%	101%	68%	38%	101%	101%	101%	100%	97%	92%	95%	91%	95%	101%	96%
Cumulative by engine																	
Engine operating run hours in the month																	
Max Cumulative Available, hours	24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408
Engine 1	24	48	67	67	78	100	124	144	168	192	216	239	263	287	307	331	353
Engine 2	24	46	70	94	118	142	166	190	214	238	262	285	309	333	357	381	403
Engine 3	20	44	68	92	116	140	164	188	212	236	260	283	307	331	355	379	401
Engine 4	24	46	70	94	118	170	194	218	242	266	290	312	336	360	384	408	430
Engine operating run hours total from 0 hours																	
Engine 1 81,167	81,191	81,215	81,234	81,234	81,245	81,267	81,291	81,311	81,335	81,359	81,383	81,406	81,430	81,454	81,474	81,498	81,520
Engine 2 77,651	77,675	77,697	77,721	77,745	77,769	77,793	77,817	77,841	77,865	77,889	77,913	77,936	77,960	77,984	78,008	78,032	78,054
Engine 3 80,233	80,253	80,277	80,301	80,325	80,349	80,373	80,397	80,421	80,445	80,469	80,493	80,516	80,540	80,564	80,588	80,612	80,634
Engine 4 76,766	76,790	76,812	76,836	76,860	76,884	76,936	76,960	76,984	77,008	77,032	77,056	77,078	77,102	77,126	77,150	77,174	77,196
Cumulative availability, % February 1, 2016 @ 00:00 hours																	
Engine 1	100%	100%	93%	70%	65%	69%	74%	75%	78%	80%	82%	83%	84%	85%	85%	86%	87%
Engine 2	100%	96%	97%	98%	98%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%
Engine 3	83%	92%	94%	96%	97%	97%	98%	98%	98%	98%	98%	98%	98%	99%	99%	99%	98%
Engine 4	100%	96%	97%	98%	98%	118%	115%	114%	112%	111%	110%	108%	108%	107%	107%	106%	105%
Engine cumulative gross output, kWhr																	
Max cumulative capacity one engine	825	1,650	2,475	3,300	4,125	4,950	5,775	6,600	7,425	8,250	9,075	9,900	10,725	11,550	12,375	13,200	14,025
Engine 1	576	1,266	1,934	1,934	2,236	2,524	2,602	2,747	3,174	3,805	4,454	5,020	5,632	6,183	6,622	7,102	7,602
Engine 2	792	1,573	2,398	3,231	3,800	4,481	5,313	6,144	6,976	7,808	8,621	9,412	10,161	10,910	11,717	12,549	13,381
Engine 3	772	1,557	2,348	3,181	3,744	4,424	5,256	6,088	6,919	7,720	8,507	9,298	10,046	10,794	11,601	12,433	13,247
Engine 4	796	1,564	2,371	3,203	3,761	4,073	4,904	5,735	6,567	7,393	8,191	8,947	9,729	10,483	11,270	12,101	12,890
Cumulative capacity factor, %																	
Engine 1	70%	77%	78%	59%	54%	51%	45%	42%	43%	46%	49%	51%	53%	54%	54%	54%	54%
Engine 2	96%	95%	97%	98%	92%	91%	92%	93%	94%	95%	95%	95%	95%	94%	95%	95%	95%
Engine 3	94%	94%	95%	96%	91%	89%	91%	92%	93%	94%	94%	94%	94%	93%	94%	94%	94%
Engine 4	96%	95%	96%	97%	91%	82%	85%	87%	88%	90%	90%	90%	91%	91%	91%	92%	92%

FEBRUARY 2016

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday
	2/1/2016	2/2/2016	2/3/2016	2/4/2016	2/5/2016	2/6/2016	2/7/2016	2/8/2016	2/9/2016	2/10/2016	2/11/2016	2/12/2016	2/13/2016	2/14/2016	2/15/2016	2/16/2016	2/17/2016
Cumulative by Facility in month																	
Max cumulative available engine run hours	96	192	288	384	480	576	672	768	864	960	1,056	1,152	1,248	1,344	1,440	1,536	1,632
Actual cumulative engine run hours	92	184	275	347	430	552	648	740	836	932	1,028	1,119	1,215	1,311	1,403	1,499	1,587
Cumulative Availability, %	95.8%	95.8%	95.5%	90.4%	89.6%	95.8%	96.4%	96.4%	96.8%	97.1%	97.3%	97.1%	97.4%	97.5%	97.4%	97.6%	97.2%
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	1,267,200	1,346,400
Actual cumulative gross output, kWhr	67,342	136,762	207,562	267,360	311,313	366,450	428,188	490,912	560,960	635,047	708,109	774,107	843,336	910,464	976,767	1,048,090	1,112,579
Cumulative Capacity Factor	85.0%	86.3%	87.4%	84.4%	78.6%	77.1%	77.2%	77.5%	78.7%	80.2%	81.3%	81.5%	81.9%	82.1%	82.2%	82.7%	82.6%
Cumulative fuel input, MMBtu HHV	868	1,751	2,627	3,373	3,955	4,654	5,398	6,149	6,974	7,858	8,732	9,550	10,397	11,223	12,030	12,890	13,692
Cumulative gross output, kWhr	67,342	136,762	207,562	267,360	311,313	366,450	428,188	490,912	560,960	635,047	708,109	774,107	843,336	910,464	976,767	1,048,090	1,112,579
Heat Rate																	
Daily heat rate, Btu/kWe gross LHV	11,598	11,461	11,132	11,236	11,920	11,406	10,848	10,784	10,600	10,740	10,771	11,151	11,016	11,074	10,955	10,865	11,189
Daily heat rate, Btu/kWe gross HHV	12,883	12,731	12,366	12,482	13,241	12,670	12,051	11,979	11,775	11,931	11,965	12,387	12,238	12,302	12,170	12,069	12,430
Cumulative heat rate, Btu/kWe gross LHV	11,598	11,528	11,393	11,358	11,437	11,432	11,348	11,276	11,192	11,139	11,101	11,105	11,098	11,096	11,087	11,071	11,078
Cumulative heat rate, Btu/kWe gross HHV	12,883	12,806	12,656	12,617	12,705	12,700	12,606	12,526	12,432	12,374	12,332	12,336	12,328	12,326	12,316	12,299	12,307
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	4,416	4,512
Actual cumulative engine run hours	2,940	3,032	3,123	3,195	3,278	3,400	3,496	3,588	3,684	3,780	3,876	3,967	4,063	4,159	4,251	4,347	4,435
Cumulative Availability, %	98.8%	98.7%	98.6%	97.9%	97.6%	98.4%	98.4%	98.4%	98.4%	98.4%	98.5%	98.4%	98.4%	98.5%	98.4%	98.4%	98.3%
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	3,643,200	3,722,400
Actual cumulative gross output, kWhr	2,114,796	2,184,216	2,255,016	2,314,814	2,358,767	2,413,904	2,475,642	2,538,366	2,608,414	2,682,501	2,755,563	2,821,561	2,890,790	2,957,918	3,024,221	3,095,544	3,160,033
Cumulative Capacity Factor	86.1%	86.2%	86.3%	86.0%	85.1%	84.7%	84.5%	84.3%	84.4%	84.7%	84.9%	84.8%	84.9%	84.9%	84.9%	85.0%	84.9%
Cumulative fuel input, MMBtu HHV	25,886	26,769	27,645	28,391	28,973	29,672	30,416	31,167	31,992	32,876	33,750	34,568	35,415	36,241	37,048	37,908	38,710
Cumulative gross output, kWhr	2,114,796	2,184,216	2,255,016	2,314,814	2,358,767	2,413,904	2,475,642	2,538,366	2,608,414	2,682,501	2,755,563	2,821,561	2,890,790	2,957,918	3,024,221	3,095,544	3,160,033
Cumulative heat rate, Btu/kWe gross LHV	11,019	11,033	11,036	11,041	11,057	11,065	11,060	11,053	11,041	11,033	11,026	11,029	11,028	11,029	11,028	11,024	11,027
Cumulative heat rate, Btu/kWe gross HHV	12,240	12,256	12,259	12,265	12,283	12,292	12,286	12,278	12,265	12,256	12,248	12,251	12,251	12,252	12,250	12,246	12,250
Service																	
Engine 1			Piston hole	Piston replaced	Storm -wet snow		spark plug replacement										
Engine 2																	
Engine 3																	
Engine 4																	
Oil - oil and filter change					Mulitiple Utility trips - low load on engines												Nstar Outage - fus
Service - plugs, air filter, valve inspection and adjustment					to prevent damage												
Precipitation																	

NSTAR Power Reports	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday
Date	2/1/2016	2/2/2016	2/3/2016	2/4/2016	2/5/2016	2/6/2016	2/7/2016	2/8/2016	2/9/2016	2/10/2016	2/11/2016	2/12/2016	2/13/2016	2/14/2016	2/15/2016	2/16/2016	2/17/2016
Hour																	
1	2,759	2,994	2,928	2,426	2,421	1,546	2,489	2,488	2,618	3,001	2,965	2,795	2,775	2,788	2,708	2,808	2,952
2	2,756	2,991	2,926	2,424	2,420	1,544	2,485	2,487	2,614	2,999	2,961	2,796	2,830	2,783	2,707	2,803	2,950
3	2,757	2,989	2,925	2,421	2,417	1,508	2,484	2,484	2,613	2,998	2,959	2,797	2,848	2,703	2,705	2,802	2,916
4	2,758	2,933	2,929	2,426	2,422	1,456	2,487	2,488	2,617	3,001	2,963	2,801	2,854	2,703	2,708	2,806	2,870
5	2,757	2,918	2,925	2,423	2,418	1,503	2,485	2,486	2,615	3,001	2,975	2,799	2,851	2,704	2,705	2,802	2,868
6	2,757	2,915	2,963	2,423	2,417	1,488	2,483	2,484	2,614	2,997	3,045	2,798	2,850	2,704	2,706	2,793	2,867
7	2,760	2,858	3,000	2,425	2,421	1,459	2,487	2,489	2,619	3,003	3,049	2,803	2,859	2,705	2,710	2,798	2,873
8	2,758	2,797	2,995	2,416	2,418	1,443	2,486	2,485	2,632	2,997	3,049	2,798	2,859	2,701	2,392	2,796	2,868
9	2,752	2,707	2,991	2,416	2,406	1,640	2,485	2,447	2,654	2,995	3,039	160	2,856	2,699	2,417	2,792	2,864
10	2,543	2,256	2,996	2,419	2,415	2,385	2,491	2,402	2,655	3,045	3,041	1,309	2,860	2,702	2,422	2,838	2,867
11	2,217	2,268	2,998	2,417	1,676	2,411	2,488	2,613	2,631	3,045	3,040	2,109	2,832	2,698	2,417	2,848	2,864
12	2,217	2,859	3,064	2,413	2,415	2,502	2,488	2,557	2,962	3,044	3,037	2,715	2,772	2,695	2,620	2,864	2,022
13	2,222	2,916	3,069	2,416	1,077	2,710	2,491	2,433	2,990	3,048	3,040	2,770	2,779	2,693	2,714	2,900	-
14	2,320	2,171	3,067	2,417	1,404	2,709	2,490	2,447	2,994	3,046	3,041	2,831	2,798	2,695	2,737	2,923	785
15	2,373	2,250	3,067	2,415	1,029	2,710	2,489	2,617	2,993	3,021	2,993	2,944	2,798	2,697	2,806	2,924	2,826
16	2,298	2,932	3,068	2,418	1	2,715	2,491	2,471	2,997	2,893	2,958	3,005	2,800	2,703	2,812	2,946	2,872
17	2,977	3,048	3,070	2,420	289	2,711	2,489	2,427	2,997	2,959	2,894	3,020	2,796	2,702	2,761	2,954	2,948
18	3,067	2,944	2,511	2,417	1,078	2,709	2,485	2,599	2,997	2,969	2,878	3,016	2,793	2,703	2,718	2,950	2,944
19	3,068	2,928	2,773	2,423	1,552	2,712	2,488	2,618	3,004	2,971	2,856	3,001	2,711	2,707	2,722	2,956	2,945
20	3,067	2,925	2,812	2,422	1,552	2,709	2,485	2,612	3,001	2,968	2,799	2,936	2,706	2,706	2,727	2,952	2,802
21	3,066	2,923	2,452	2,420	1,551	2,709	2,483	2,614	2,998	2,966	2,797	2,936	2,704	2,704	2,724	2,951	2,832
22	3,068	2,926	2,430	2,423	1,552	2,711	2,490	2,618	3,002	2,970	2,802	2,941	2,709	2,707	2,729	2,954	2,809
23	3,014	2,924	2,428	2,420	1,532	2,698	2,486	2,615	3,000	2,965	2,797	2,939	2,707	2,706	2,794	2,951	2,477
24	2,992	2,924	2,424	2,419	1,513	2,512	2,486	2,614	2,998	2,965	2,792	2,880	2,709	2,705	2,803	2,947	2,483
						-											
TOTAL	65,323	67,296	68,811	58,079	42,396	53,200	59,691	60,595	67,815	71,867	70,770	63,899	67,056	65,013	64,264	69,058	62,504
Cumulative Output Sold, kWhr	65,323	132,619	201,430	259,509	301,905	355,105	414,796	475,391	543,206	615,073	685,843	749,742	816,798	881,811	946,075	1,015,133	1,077,637
Transformer and line efficiency	99.7%	99.8%	99.8%	99.8%	100.0%	99.9%	99.9%	99.9%	99.9%	99.8%	99.9%	99.9%	99.9%	100.0%	99.9%	99.7%	99.8%
Hourly average	2,722	2,804	2,867	2,420	1,767	2,217	2,487	2,525	2,826	2,994	2,949	2,662	2,794	2,709	2,678	2,877	2,604

FEBRUARY 2016																
CNBE Daily Reports Summary Dat																
	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday				
	2/18/2016	2/19/2016	2/20/2016	2/21/2016	2/22/2016	2/23/2016	2/24/2016	2/25/2016	2/26/2016	2/27/2016	2/28/2016	2/29/2016	TOTAL	Biogas	LFG
LFG and Biogas Flow to the Engine	1,525	1,635	1,609	1,613	1,626	1,595	1,623	1,566	1,604	1,590	1,567	1,542	44,621	2,347	42,273
LFG and Biogas Flow to the Engine	809	875	904	890	895	896	926	904	924	913	894	896	24,418	1,600	22,818
LFG and Biogas Flow to the Flare (	-	-	-	-	-	-	-	-	-	-	-	-	-	6.6%	93%
LFG and BiogasFlow to the Flare (I	-	-	-	-	-	-	-	-	-	-	-	-	-		
LFG and Biogas Total Flow (KSCF	1,525	1,635	1,609	1,613	1,626	1,595	1,623	1,566	1,604	1,590	1,567	1,542	44,621		
LFG and Biogas Total Flow (MMBT	809	875	904	890	895	896	926	904	924	913	894	896	24,418		
Average Methane Content (%)	52.4	52.9	55.5	54.5	54.4	55.5	56.4	57.1	56.9	56.8	56.4	57.4	54.1		
Engine 1 Hours	24	24	24	24	24	24	24	23	24	24	24	24	640		
Engine 2 Hours	24	24	24	24	24	24	24	23	24	24	24	23	689		
Engine 3 Hours	24	24	24	24	24	24	24	23	24	24	24	24	688		
Engine 4 Hours	24	24	24	24	24	24	24	23	24	24	24	24	717		
Generator 1 Power Output (kWhr)	10,098	14,324	14,998	14,994	15,000	15,000	15,000	14,484	14,418	14,416	14,412	13,296	341,148		
Generator 2 Power Output (kWhr)	19,934	19,972	19,976	18,594	17,976	17,970	18,868	18,914	19,808	19,100	17,974	18,074	544,292		
Generator 3 Power Output (kWhr)	19,900	19,236	19,974	18,234	17,958	19,242	19,968	18,916	19,164	17,944	17,944	18,088	538,988		
Generator 4 Power Output (kWhr)	19,926	19,512	19,638	17,960	18,118	18,644	19,362	18,558	19,480	18,388	17,956	17,926	538,922		
Gross Power Output (kWhr)	69,756	72,947	74,490	69,715	68,980	70,766	73,112	70,813	72,880	69,867	68,293	67,375	1,961,573		
Net Power Output (kWhr)	67,764	70,880	72,448	67,664	66,992	68,688	71,016	68,808	70,744	67,856	66,160	65,312	1,903,564		
Power Sold as metered by NStar, (	67,679	70,758	72,262	67,509	66,841	68,572	70,835	68,616	70,656	67,820	66,087	65,170	1,900,442	CRMCB inplant	
Offgrid RECs (kWhr)	1,992	2,067	2,043	2,051	1,987	2,078	2,096	2,005	2,136	2,011	2,133	2,063	58,008	14,486	
Calculated Performance Results														25%	
Daily														of total in-plant	
Power output (kW average whe														power	
Generator 1	421	597	625	625	625	625	625	630	601	601	601	554			
Generator 2	831	832	832	775	749	749	786	822	825	796	749	786			
Generator 3	829	802	832	760	748	802	832	822	799	748	748	754			
Generator 4	830	813	818	748	755	777	807	807	812	766	748	747			
Power output (kW average ove															
Facility Gross	2,907	3,039	3,104	2,905	2,874	2,949	3,046	2,951	3,037	2,911	2,846	2,807		2,818	Mean
Facility Net	2,824	2,953	3,019	2,819	2,791	2,862	2,959	2,867	2,948	2,827	2,757	2,721		2,735	Mean
In-plant load	83	86	85	85	83	87	87	84	89	84	89	86			
Daily availability factor															
Facility	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	99%			
Engine 1	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	100%			
Engine 2	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	96%			
Engine 3	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	100%			
Engine 4	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	100%			
Daily capacity factor															
Facility	88%	92%	94%	88%	87%	89%	92%	89%	92%	88%	86%	85%			
Engine 1	51%	72%	76%	76%	76%	76%	76%	76%	73%	73%	73%	67%			
Engine 2	101%	101%	101%	94%	91%	91%	95%	100%	100%	96%	91%	95%			
Engine 3	101%	97%	101%	92%	91%	97%	101%	100%	97%	91%	91%	91%			
Engine 4	101%	99%	99%	91%	92%	94%	98%	98%	98%	93%	91%	91%			
Cumulative by engine															
Engine operating run hours in t															
Max Cumulative Available,	432	456	480	504	528	552	576	600	624	648	672	696			
Engine 1	377	401	425	449	473	497	521	544	568	592	616	640			
Engine 2	427	451	475	499	523	547	571	594	618	642	666	689			
Engine 3	425	449	473	497	521	545	569	592	616	640	664	688			
Engine 4	454	478	502	526	550	574	598	621	645	669	693	717			
Engine operating run hours tota															
Engine 1	81,544	81,568	81,592	81,616	81,640	81,664	81,688	81,711	81,735	81,759	81,783	81,807			
Engine 2	78,078	78,102	78,126	78,150	78,174	78,198	78,222	78,245	78,269	78,293	78,317	78,340			
Engine 3	80,658	80,682	80,706	80,730	80,754	80,778	80,802	80,825	80,849	80,873	80,897	80,921			
Engine 4	77,220	77,244	77,268	77,292	77,316	77,340	77,364	77,387	77,411	77,435	77,459	77,483			
Cumulative availability, %															
Engine 1	87%	88%	89%	89%	90%	90%	90%	91%	91%	91%	92%	92%			
Engine 2	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%			
Engine 3	98%	98%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%			
Engine 4	105%	105%	105%	104%	104%	104%	104%	104%	103%	103%	103%	103%			
Engine cumulative gross outpu															
Max cumulative capacity or	14,850	15,675	16,500	17,325	18,150	18,975	19,800	20,625	21,450	22,275	23,100	23,925			
Engine 1	8,023	8,620	9,245	9,870	10,495	11,120	11,745	12,374	12,975	13,576	14,176	14,730			
Engine 2	14,212	15,044	15,876	16,651	17,400	18,149	18,935	19,757	20,583	21,379	22,127	22,913			
Engine 3	14,076	14,878	15,710	16,470	17,218	18,020	18,852	19,674	20,473	21,220	21,968	22,722			
Engine 4	13,720	14,533	15,351	16,100	16,855	17,631	18,438	19,245	20,057	20,823	21,571	22,318			
Cumulative capacity factor, %															
Engine 1	54%	55%	56%	57%	58%	59%	59%	60%	60%	61%	61%	62%			
Engine 2	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%			
Engine 3	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%			
Engine 4	92%	93%	93%	93%	93%	93%	93%	93%	94%	93%	93%	93%			

	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday			
	2/18/2016	2/19/2016	2/20/2016	2/21/2016	2/22/2016	2/23/2016	2/24/2016	2/25/2016	2/26/2016	2/27/2016	2/28/2016	2/29/2016	TOTAL	Biogas	LFG
Cumulative by Facility in month															
Max cumulative available engi	1,728	1,824	1,920	2,016	2,112	2,208	2,304	2,400	2,496	2,592	2,688	2,784			
Actual cumulative engine run h	1,683	1,779	1,875	1,971	2,067	2,163	2,259	2,351	2,447	2,543	2,639	2,734			
Cumulative Availability, %	97.4%	97.5%	97.7%	97.8%	97.9%	98.0%	98.0%	98.0%	98.0%	98.1%	98.2%	98.2%			
Max cumulative gross output, k	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			
Actual cumulative gross output	1,182,335	1,255,282	1,329,772	1,399,487	1,468,467	1,539,233	1,612,345	1,683,158	1,756,038	1,825,905	1,894,198	1,961,573			
Cumulative Capacity Factor	82.9%	83.4%	84.0%	84.1%	84.3%	84.5%	84.8%	85.0%	85.3%	85.4%	85.4%	85.4%			
Cumulative fuel input, MMBtu H	14,501	15,375	16,280	17,170	18,065	18,961	19,887	20,791	21,715	22,628	23,522	24,418			
Cumulative gross output, kWhr	1,182,335	1,255,282	1,329,772	1,399,487	1,468,467	1,539,233	1,612,345	1,683,158	1,756,038	1,825,905	1,894,198	1,961,573			
Heat Rate															
Daily heat rate, Btu/kWe gross	10,435	10,794	10,928	11,492	11,684	11,398	11,403	11,497	11,407	11,767	11,778	11,970			
Daily heat rate, Btu/kWe gross	11,592	11,991	12,140	12,766	12,979	12,661	12,667	12,772	12,672	13,072	13,083	13,297			
Cumulative heat rate, Btu/kWe	11,040	11,026	11,021	11,044	11,074	11,089	11,103	11,120	11,132	11,156	11,178	11,206			
Cumulative heat rate, Btu/kWe	12,264	12,248	12,242	12,268	12,302	12,318	12,334	12,353	12,366	12,393	12,418	12,448			
Cumulative by Facility starting C															
Max cumulative available engi	4,608	4,704	4,800	4,896	4,992	5,088	5,184	5,280	5,376	5,472	5,568	5,664			
Actual cumulative engine run h	4,531	4,627	4,723	4,819	4,915	5,011	5,107	5,199	5,295	5,391	5,487	5,582			
Cumulative Availability, %	98.3%	98.4%	98.4%	98.4%	98.5%	98.5%	98.5%	98.5%	98.5%	98.5%	98.5%	98.6%			
Max cumulative gross output, k	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	4,672,800			
Actual cumulative gross output	3,229,789	3,302,736	3,377,226	3,446,941	3,515,921	3,586,687	3,659,799	3,730,612	3,803,492	3,873,359	3,941,652	4,009,027			
Cumulative Capacity Factor	85.0%	85.1%	85.3%	85.3%	85.4%	85.4%	85.6%	85.6%	85.8%	85.8%	85.8%	85.8%			
Cumulative fuel input, MMBtu H	39,519	40,393	41,298	42,188	43,083	43,979	44,905	45,809	46,733	47,646	48,540	49,436			
Cumulative gross output, kWhr	3,229,789	3,302,736	3,377,226	3,446,941	3,515,921	3,586,687	3,659,799	3,730,612	3,803,492	3,873,359	3,941,652	4,009,027			
Cumulative heat rate, Btu/kWe	11,015	11,010	11,008	11,018	11,031	11,038	11,045	11,054	11,061	11,073	11,086	11,100			
Cumulative heat rate, Btu/kWe	12,236	12,230	12,228	12,239	12,254	12,262	12,270	12,279	12,287	12,301	12,315	12,331			
Service															
Engine 1															
Engine 2															
Engine 3															
Engine 4															
Oil - oil and filter change	e														
Service - plugs, air filter, valve insp															
Precipitation															

NSTAR Power Reports	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday			
Date	2/18/2016	2/19/2016	2/20/2016	2/21/2016	2/22/2016	2/23/2016	2/24/2016	2/25/2016	2/26/2016	2/27/2016	2/28/2016	2/29/2016	TOTAL		
Hour															
1	2,423	2,881	3,026	2,941	2,776	2,785	2,862	3,022	3,007	2,848	2,758	2,752			
2	2,421	2,900	3,026	2,939	2,775	2,785	2,861	3,018	3,008	2,847	2,757	2,751			
3	2,419	2,897	3,022	2,937	2,770	2,782	2,857	3,014	3,004	2,845	2,752	2,748			
4	2,424	2,866	3,027	2,887	2,777	2,812	2,863	3,018	3,010	2,849	2,758	2,753			
5	2,484	2,818	3,024	2,859	2,776	2,867	2,922	3,023	3,007	2,846	2,757	2,751			
6	2,686	2,815	3,022	2,856	2,772	2,864	2,940	3,020	3,004	2,844	2,752	2,749			
7	2,807	2,821	3,027	2,860	2,777	2,838	2,944	3,018	3,006	2,850	2,758	2,755			
8	2,861	2,818	3,027	2,817	2,775	2,776	2,943	3,075	3,003	2,849	2,757	2,753			
9	2,903	2,855	3,025	2,775	2,766	2,808	2,931	3,085	2,993	2,921	2,753	2,745			
10	2,904	2,958	3,028	2,779	2,769	2,852	2,865	3,090	2,996	2,927	2,755	2,455			
11	2,903	2,970	3,026	2,776	2,802	2,853	2,853	3,091	2,995	2,926	2,753	2,342			
12	2,902	2,964	3,024	2,774	2,861	2,850	2,850	3,087	2,774	2,904	2,751	2,357			
13	2,918	2,974	3,029	2,779	2,832	2,912	2,941	3,090	2,838	2,922	2,756	2,998			
14	2,969	2,995	3,027	2,776	2,783	2,936	2,996	3,088	2,993	2,852	2,755	2,846			
15	2,973	3,008	3,021	2,773	2,781	2,934	3,014	3,083	2,988	2,756	2,750	2,572			
16	2,975	3,021	3,026	2,777	2,786	2,938	3,021	3,089	2,998	2,761	2,755	2,864			
17	2,975	3,023	3,022	2,775	2,788	2,942	3,027	3,042	2,936	2,761	2,753	2,890			
18	2,975	3,025	3,021	2,773	2,784	2,880	3,021	2,987	2,920	2,758	2,750	2,799			
19	2,979	3,028	3,023	2,780	2,786	2,862	3,024	2,992	2,924	2,762	2,755	2,771			
20	2,978	3,026	3,021	2,776	2,781	2,860	3,022	2,993	2,887	2,760	2,753	2,705			
21	2,977	3,022	2,946	2,773	2,777	2,857	3,018	186	2,838	2,757	2,747	2,702			
22	2,981	3,027	2,943	2,778	2,783	2,862	3,024	1,780	2,844	2,762	2,752	2,706			
23	2,947	3,025	2,941	2,776	2,782	2,860	3,020	2,816	2,843	2,759	2,752	2,706			
24	2,895	3,021	2,938	2,773	2,782	2,857	3,016	2,909	2,840	2,754	2,748	2,700			
TOTAL	67,679	70,758	72,262	67,509	66,841	68,572	70,835	68,616	70,656	67,820	66,087	65,170			
Cumulative Output Sold, kV	1,145,316	1,216,074	1,288,336	1,355,845	1,422,686	1,491,258	1,562,093	1,630,709	1,701,365	1,769,185	1,835,272	1,900,442			
Transformer and line efficien	99.9%	99.8%	99.7%	99.8%	99.8%	99.8%	99.7%	99.7%	99.9%	99.9%	99.9%	99.8%	0.0%		
Hourly average	2,820	2,948	3,011	2,813	2,785	2,857	2,951	2,859	2,944	2,826	2,754	2,715	2,731		

JANUARY 2016																	
CNBE Daily Reports Summary Data																	
	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	1/1/2016	1/2/2016	1/3/2016	1/4/2016	1/5/2016	1/6/2016	1/7/2016	1/8/2016	1/9/2016	1/10/2016	1/11/2016	1/12/2016	1/13/2016	1/14/2016	1/15/2016	1/16/2016	1/17/2016
LFG and Biogas Flow to the Engines (KSCF)	1,486	1,480	1,472	1,381	1,513	1,474	1,545	1,486	1,597	1,466	1,597	1,487	1,458	1,486	1,435	1,471	1,566
LFG and Biogas Flow to the Engines (MMBTU	815	817	826	773	825	803	846	815	886	818	886	841	868	846	807	824	842
LFG and Biogas Flow to the Flare (KSCF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and BiogasFlow to the Flare (MMBTU HH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and Biogas Total Flow (KSCF)	1,486	1,480	1,472	1,381	1,513	1,474	1,545	1,486	1,597	1,466	1,597	1,487	1,458	1,486	1,435	1,471	1,566
LFG and Biogas Total Flow (MMBTU HHV)	815	817	826	773	825	803	846	815	886	818	886	841	868	846	807	824	842
Average Methane Content (%)	54.2	54.5	55.4	55.3	53.9	53.8	54.1	54.2	54.8	55.1	54.8	55.9	58.9	56.3	55.6	55.3	53.1
Engine 1 Hours	24	24	24	13	24	24	24	24	24	24	24	24	24	24	22	24	24
Engine 2 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Engine 3 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Engine 4 Hours	24	24	24	24	24	54	24	24	24	24	24	24	24	23	25	24	24
Generator 1 Power Output (kWhr)	17,276	17,206	14,936	6,994	13,150	13,072	13,872	17,276	14,358	14,358	14,352	13,374	14,344	14,364	10,104	7,332	7,330
Generator 2 Power Output (kWhr)	18,540	18,244	19,052	19,728	19,474	18,640	19,252	18,540	18,956	18,956	19,182	18,852	18,376	18,360	17,766	19,974	19,974
Generator 3 Power Output (kWhr)	17,782	18,016	19,016	19,736	18,662	18,532	19,256	17,782	18,962	18,962	18,788	18,856	18,130	17,956	17,752	19,978	19,978
Generator 4 Power Output (kWhr)	14,988	15,636	17,296	19,310	18,082	18,772	19,142	14,988	19,394	19,394	18,588	18,584	18,300	18,406	17,796	19,954	19,952
Gross Power Output (kWhr)	68,552	69,065	70,245	65,676	69,290	68,912	71,448	66,958	71,151	71,611	70,918	69,597	69,046	68,989	63,328	67,147	67,144
Net Power Output (kWhr)	66,640	67,144	68,344	63,848	67,280	67,500	69,568	65,008	69,078	69,896	69,064	67,736	67,144	67,048	61,520	65,368	65,176
Power Sold as metered by NStar, (kWhr)	66,500	67,010	68,217	63,715	67,206	67,324	69,443	64,878	68,940	69,704	68,938	67,614	67,062	66,879	61,405	65,253	65,081
Offgrid RECs (kWhr)	1,912	1,921	1,901	1,828	2,010	1,412	1,880	1,950	2,073	1,715	1,854	1,861	1,903	1,941	1,807	1,779	1,968
Calculated Performance Results																	
Daily																	
Power output (kW average when running)																	
Generator 1	720	717	622	538	548	545	578	720	598	598	598	557	598	599	459	306	305
Generator 2	773	760	794	822	811	777	802	773	790	790	799	786	766	765	740	832	832
Generator 3	741	751	792	822	778	772	802	741	790	790	783	786	755	748	740	832	832
Generator 4	625	652	721	805	753	348	798	625	808	808	775	774	763	800	712	831	831
Power output (kW average over 24-hrs)																	
Facility Gross	2,856	2,878	2,927	2,737	2,887	2,871	2,977	2,790	2,965	2,984	2,955	2,900	2,877	2,875	2,639	2,798	2,798
Facility Net	2,777	2,798	2,848	2,660	2,803	2,813	2,899	2,709	2,878	2,912	2,878	2,822	2,798	2,794	2,563	2,724	2,716
In-plant load	80	80	79	76	84	59	78	81	86	71	77	78	79	81	75	74	82
Daily availability factor																	
Facility	100%	100%	100%	89%	100%	131%	100%	100%	100%	100%	100%	100%	100%	99%	99%	100%	100%
Engine 1	100%	100%	100%	54%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	92%	100%	100%
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 4	100%	100%	100%	100%	100%	225%	100%	100%	100%	100%	100%	100%	100%	96%	104%	100%	100%
Daily capacity factor																	
Facility	87%	87%	89%	83%	87%	87%	90%	85%	90%	90%	90%	88%	87%	87%	80%	85%	85%
Engine 1	87%	87%	75%	65%	66%	66%	70%	87%	73%	73%	72%	68%	72%	73%	56%	37%	37%
Engine 2	94%	92%	96%	100%	98%	94%	97%	94%	96%	96%	97%	95%	93%	93%	90%	101%	101%
Engine 3	90%	91%	96%	100%	94%	94%	97%	90%	96%	96%	95%	95%	92%	91%	90%	101%	101%
Engine 4	76%	79%	87%	98%	91%	42%	97%	76%	98%	98%	94%	94%	92%	97%	86%	101%	101%
Cumulative by engine																	
Engine operating run hours in the month																	
Max Cumulative Available, hours	24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408
Engine 1	24	48	72	85	109	133	157	181	205	229	253	277	301	325	347	371	395
Engine 2	24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408
Engine 3	24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408
Engine 4	24	48	72	96	120	173.9	197.9	221.9	245.9	269.9	293.9	317.9	341.9	364.9	389.9	413.9	437.9
Engine operating run hours total from 0 hours																	
Engine 1 80,486	80,510	80,534	80,558	80,571	80,595	80,619	80,643	80,667	80,691	80,715	80,739	80,763	80,787	80,811	80,833	80,857	80,881
Engine 2 76,909	76,933	76,957	76,981	77,005	77,029	77,053	77,077	77,101	77,125	77,149	77,173	77,197	77,221	77,245	77,269	77,293	77,317
Engine 3 79,489	79,513	79,537	79,561	79,585	79,609	79,633	79,657	79,681	79,705	79,729	79,753	79,777	79,801	79,825	79,849	79,873	79,897
Engine 4 76,022	76,046	76,070	76,094	76,118	76,142	76,196	76,220	76,244	76,268	76,292	76,316	76,340	76,364	76,387	76,412	76,436	76,460
Cumulative availability, % January 1, 2016 @ 00:00 hours																	
Engine 1	100%	100%	100%	89%	91%	92%	93%	94%	95%	95%	96%	96%	96%	97%	96%	97%	97%
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 4	100%	100%	100%	100%	100%	121%	118%	116%	114%	112%	111%	110%	110%	109%	108%	108%	107%
Engine cumulative gross output, kWhr																	
Max cumulative capacity one engine	825	1,650	2,475	3,300	4,125	4,950	5,775	6,600	7,425	8,250	9,075	9,900	10,725	11,550	12,375	13,200	14,025
Engine 1	720	1,437	2,059	2,597	3,145	3,690	4,268	4,988	5,586	6,184	6,782	7,339	7,937	8,535	8,995	9,300	9,606
Engine 2	773	1,533	2,327	3,149	3,960	4,737	5,539	6,311	7,101	7,891	8,690	9,476	10,241	11,006	11,747	12,579	13,411
Engine 3	741	1,492	2,284	3,106	3,884	4,656	5,458	6,199	6,989	7,779	8,562	9,348	10,103	10,852	11,591	12,424	13,256
Engine 4	625	1,276	1,997	2,801	3,555	3,903	4,701	5,325	6,133	6,941	7,716	8,490	9,253	10,053	10,765	11,596	12,427
Cumulative capacity factor, %																	
Engine 1	87%	87%	83%	79%	76%	75%	74%	76%	75%	75%	75%	74%	74%	74%	73%	70%	68%
Engine 2	94%	93%	94%	95%	96%	96%	96%	96%	96%	96%	96%	96%	95%	95%	95%	95%	96%
Engine 3	90%	90%	92%	94%	94%	94%	95%	94%	94%	94%	94%	94%	94%	94%	94%	94%	95%
Engine 4	76%	77%	81%	85%	86%	79%	81%	81%	83%	84%	85%	86%	86%	87%	87%	88%	89%

	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	1/1/2016	1/2/2016	1/3/2016	1/4/2016	1/5/2016	1/6/2016	1/7/2016	1/8/2016	1/9/2016	1/10/2016	1/11/2016	1/12/2016	1/13/2016	1/14/2016	1/15/2016	1/16/2016	1/17/2016
Cumulative by Facility in month																	
Max cumulative available engine run hours	96	192	288	384	480	576	672	768	864	960	1,056	1,152	1,248	1,344	1,440	1,536	1,632
Actual cumulative engine run hours	96	192	288	373	469	595	691	787	883	979	1,075	1,171	1,267	1,362	1,457	1,553	1,649
Cumulative Availability, %	100.0%	100.0%	100.0%	97.1%	97.7%	103.3%	102.8%	102.5%	102.2%	102.0%	101.8%	101.6%	101.5%	101.3%	101.2%	101.1%	101.0%
Max cumulative gross output, kWhr	79,200	158,400	237,600	316,800	396,000	475,200	554,400	633,600	712,800	792,000	871,200	950,400	1,029,600	1,108,800	1,188,000	1,267,200	1,346,400
Actual cumulative gross output, kWhr	68,552	137,617	207,862	273,538	342,828	411,740	483,188	550,146	621,297	692,908	763,826	833,423	902,469	971,458	1,034,786	1,101,933	1,169,077
Cumulative Capacity Factor	86.6%	86.9%	87.5%	86.3%	86.6%	86.6%	87.2%	86.8%	87.2%	87.5%	87.7%	87.7%	87.7%	87.6%	87.1%	87.0%	86.8%
Cumulative fuel input, MMBtu HHV	815	1,632	2,458	3,231	4,056	4,860	5,706	6,521	7,407	8,225	9,110	9,951	10,819	11,666	12,473	13,297	14,139
Cumulative gross output, kWhr	68,552	137,617	207,862	273,538	342,828	411,740	483,188	550,146	621,297	692,908	763,826	833,423	902,469	971,458	1,034,786	1,101,933	1,169,077
Heat Rate																	
Daily heat rate, Btu/kWe gross LHV	10,701	10,650	10,585	10,598	10,719	10,494	10,664	10,956	11,206	10,283	11,243	10,877	11,319	11,042	11,473	11,046	11,287
Daily heat rate, Btu/kWe gross HHV	11,887	11,831	11,759	11,773	11,908	11,657	11,846	12,170	12,448	11,423	12,489	12,082	12,574	12,266	12,745	12,270	12,539
Cumulative heat rate, Btu/kWe gross LHV	10,701	10,675	10,645	10,634	10,651	10,625	10,630	10,670	10,731	10,685	10,737	10,748	10,792	10,810	10,850	10,862	10,887
Cumulative heat rate, Btu/kWe gross HHV	11,887	11,859	11,825	11,813	11,832	11,803	11,809	11,853	11,921	11,870	11,927	11,940	11,989	12,008	12,053	12,067	12,094
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	1,536	1,632
Actual cumulative engine run hours	96	192	288	373	469	595	691	787	883	979	1,075	1,171	1,267	1,362	1,457	1,553	1,649
Cumulative Availability, %	100.0%	100.0%	100.0%	97.1%	97.7%	103.3%	102.8%	102.5%	102.2%	102.0%	101.8%	101.6%	101.5%	101.3%	101.2%	101.1%	101.0%
Max cumulative gross output, kWhr	79,200	158,400	237,600	316,800	396,000	475,200	554,400	633,600	712,800	792,000	871,200	950,400	1,029,600	1,108,800	1,188,000	1,267,200	1,346,400
Actual cumulative gross output, kWhr	68,552	137,617	207,862	273,538	342,828	411,740	483,188	550,146	621,297	692,908	763,826	833,423	902,469	971,458	1,034,786	1,101,933	1,169,077
Cumulative Capacity Factor	86.6%	86.9%	87.5%	86.3%	86.6%	86.6%	87.2%	86.8%	87.2%	87.5%	87.7%	87.7%	87.7%	87.6%	87.1%	87.0%	86.8%
Cumulative fuel input, MMBtu HHV	815	1,632	2,458	3,231	4,056	4,860	5,706	6,521	7,407	8,225	9,110	9,951	10,819	11,666	12,473	13,297	14,139
Cumulative gross output, kWhr	68,552	137,617	207,862	273,538	342,828	411,740	483,188	550,146	621,297	692,908	763,826	833,423	902,469	971,458	1,034,786	1,101,933	1,169,077
Cumulative heat rate, Btu/kWe gross LHV	10,701	10,675	10,645	10,634	10,651	10,625	10,630	10,670	10,731	10,685	10,737	10,748	10,792	10,810	10,850	10,862	10,887
Cumulative heat rate, Btu/kWe gross HHV	11,887	11,859	11,825	11,813	11,832	11,803	11,809	11,853	11,921	11,870	11,927	11,940	11,989	12,008	12,053	12,067	12,094
Service																	
Engine 1															Torched valves		
Engine 2																	
Engine 3																	
Engine 4																	
Oil - oil and filter change																	
Service - plugs, air filter, valve inspection and adjustment																	
Precipitation																	
NSTAR Power Reports	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Date	1/1/2016	1/2/2016	1/3/2016	1/4/2016	1/5/2016	1/6/2016	1/7/2016	1/8/2016	1/9/2016	1/10/2016	1/11/2016	1/12/2016	1/13/2016	1/14/2016	1/15/2016	1/16/2016	1/17/2016
Hour																	
1	2,804	2,749	2,840	2,388	2,853	2,706	2,929	2,759	2,907	2,764	2,910	2,761	2,905	2,754	2,755	2,722	2,719
2	2,800	2,744	2,836	2,384	2,847	2,703	2,925	2,755	2,904	2,798	2,908	2,756	2,901	2,751	2,751	2,718	2,714
3	2,802	2,742	2,840	2,384	2,849	2,705	2,927	2,756	2,905	2,833	2,908	2,757	2,880	2,753	2,752	2,719	2,715
4	2,803	2,743	2,838	2,387	2,852	2,707	2,929	2,759	2,908	2,836	2,850	2,759	2,830	2,756	2,754	2,721	2,717
5	2,799	2,735	2,834	2,382	2,846	2,703	2,925	2,729	2,903	2,832	2,834	2,754	2,827	2,752	2,750	2,719	2,712
6	2,800	2,702	2,832	2,384	2,849	2,705	2,926	2,683	2,906	2,835	2,833	2,757	2,805	2,752	2,750	2,719	2,712
7	2,802	2,702	2,837	2,387	2,853	2,707	2,928	2,686	2,908	2,838	2,774	2,759	2,757	2,755	2,754	2,722	2,715
8	2,798	2,700	2,829	2,384	2,844	2,704	2,923	2,683	2,906	2,833	2,756	2,752	2,745	2,744	2,744	2,720	2,712
9	2,777	2,705	2,831	2,381	2,840	2,705	2,926	2,682	2,908	2,838	2,821	2,755	2,746	2,744	2,747	2,720	2,713
10	2,758	2,706	2,828	2,420	2,808	2,707	2,944	2,684	2,910	2,840	2,833	2,757	2,751	2,747	2,758	2,722	2,715
11	2,753	2,711	2,822	2,452	2,767	2,704	2,970	2,681	2,907	2,896	2,832	2,755	2,749	2,749	2,865	2,719	2,711
12	2,758	2,847	2,815	2,802	2,773	2,754	2,975	2,616	2,903	2,981	2,959	2,622	2,752	2,820	2,970	2,719	2,712
13	2,761	2,859	2,815	2,846	2,778	2,787	2,978	2,037	2,905	2,984	2,983	2,609	2,757	2,830	1,753	2,720	2,715
14	2,755	2,854	2,869	2,880	2,788	2,812	2,976	1,802	2,908	2,981	2,978	2,884	2,812	2,851	770	2,718	2,711
15	2,756	2,858	2,972	2,926	2,855	2,869	2,977	2,506	2,909	2,983	2,981	2,883	2,828	2,900	1,689	2,719	2,711
16	2,757	2,859	2,978	2,927	2,831	2,929	2,979	2,767	2,911	2,985	2,984	2,885	2,830	2,902	2,573	2,721	2,713
17	2,752	2,852	2,969	2,922	2,777	2,925	2,922	2,951	2,907	2,981	2,972	2,831	2,830	2,898	2,439	2,716	2,710
18	2,755	2,853	2,947	2,927	2,780	2,929	2,832	2,978	2,906	2,981	2,905	2,977	2,828	2,840	2,506	2,716	2,709
19	2,755	2,852	2,899	2,897	2,779	2,930	2,762	2,981	2,822	2,984	2,909	2,978	2,767	2,818	2,724	2,719	2,711
20	2,750	2,848	2,896	2,851	2,774	2,926	2,758	2,926	2,758	2,980	2,847	2,974	2,752	2,754	2,720	2,716	2,706
21	2,753	2,851	2,896	2,852	2,751	2,927	2,759	2,835	2,759	2,981	2,834	2,938	2,753	2,754	2,721	2,716	2,708
22	2,754	2,852	2,898	2,854	2,707	2,929	2,760	2,837	2,759	2,923	2,809	2,906	2,755	2,754	2,721	2,719	2,709
23	2,749	2,846	2,710	2,849	2,701	2,925	2,756	2,880	2,760	2,908	2,759	2,902	2,750	2,750	2,719	2,716	2,705
24	2,749	2,840	2,386	2,849	2,704	2,926	2,757	2,905	2,761	2,909	2,759	2,903	2,752	2,751	2,720	2,717	2,706
						-											
TOTAL	66,500	67,010	68,217	63,715	67,206	67,324	69,443	64,878	68,940	69,704	68,938	67,614	67,062	66,879	61,405	65,253	65,081
Cumulative Output Sold, kWhr	66,500	133,510	201,727	265,442	332,648	399,972	469,415	534,293	603,233	672,937	741,875	809,489	876,551	943,430	1,004,835	1,070,088	1,135,169
Transformer and line efficiency	99.8%	99.8%	99.8%	99.8%	99.9%	99.7%	99.8%	99.8%	99.8%	99.7%	99.8%	99.8%	99.9%	99.7%	99.8%	99.8%	99.9%
Hourly average	2,771	2,792	2,842	2,655	2,800	2,805	2,893	2,703	2,873	2,904	2,872	2,817	2,794	2,787	2,559	2,719	2,712

JANUARY 2016																		
CNBE Daily Reports Summary Dat																		
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday				
	1/18/2016	1/19/2016	1/20/2016	1/21/2016	1/22/2016	1/23/2016	1/24/2016	1/25/2016	1/26/2016	1/27/2016	1/28/2016	1/29/2016	1/30/2016	1/31/2016	TOTAL	Biogas	LFG	
LFG and Biogas Flow to the Engine	1,449	1,370	1,450	1,458	1,553	1,628	1,598	1,610	1,626	1,622	1,600	1,658	1,635	1,646	47,306	2,419	44,887	
LFG and Biogas Flow to the Engine	781	744	775	775	826	874	838	838	879	882	865	911	879	892	25,897	1,688	24,209	
LFG and Biogas Flow to the Flare (	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.5%	93%	
LFG and BiogasFlow to the Flare (I	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
LFG and Biogas Total Flow (KSCF	1,449	1,370	1,450	1,458	1,553	1,628	1,598	1,610	1,626	1,622	1,600	1,658	1,635	1,646	47,306			
LFG and Biogas Total Flow (MMBT	781	744	775	775	826	874	838	838	879	882	865	911	879	892	25,897			
Average Methane Content (%)	53.3	53.7	52.8	52.5	52.6	53.1	51.8	51.5	53.4	53.7	53.4	54.3	53.1	53.5	54.1			
Engine 1 Hours	9	-	14	24	24	24	24	24	24	24	24	24	24	24	682			
Engine 2 Hours	24	24	24	24	24	24	24	24	24	23	24	24	23	25	743			
Engine 3 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	744			
Engine 4 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	774			
Generator 1 Power Output (kWhr)	2,576	-	5,062	9,654	10,798	14,352	12,246	13,124	14,578	14,930	15,144	14,708	12,580	12,576	376,026			
Generator 2 Power Output (kWhr)	19,980	19,984	19,210	18,140	18,272	19,726	18,148	19,014	19,404	18,454	19,744	19,732	18,486	17,972	588,132			
Generator 3 Power Output (kWhr)	19,980	19,984	18,962	17,318	18,226	19,130	17,964	18,492	19,034	19,320	19,480	19,742	18,034	17,964	581,774			
Generator 4 Power Output (kWhr)	19,950	19,950	18,938	17,868	18,342	18,464	18,510	18,424	18,724	18,838	18,958	19,458	18,568	19,710	573,284			
Gross Power Output (kWhr)	62,394	59,813	62,102	62,949	65,581	71,608	66,802	68,994	71,671	71,479	73,247	73,576	67,600	68,161	2,115,054			
Net Power Output (kWhr)	60,472	57,936	60,160	60,992	63,576	69,584	64,816	66,952	69,720	69,600	71,280	71,608	65,720	66,336	2,056,114			
Power Sold as metered by NStar, (	60,386	57,851	60,078	60,951	63,404	69,463	64,715	66,818	69,544	69,478	71,085	71,446	65,586	66,167	2,052,141	CRMCB inplant		
Offgrid RECs (kWhr)	1,922	1,878	1,942	1,957	2,005	2,024	1,986	2,042	1,951	1,879	1,967	1,968	1,880	1,825	58,941	13,726		
Calculated Performance Results																23%		
Daily																of total in-plant		
Power output (kW average whe																power		
Generator 1	286	-	362	402	450	598	510	547	607	622	631	613	524	524				
Generator 2	833	833	800	756	761	822	756	792	809	802	823	822	804	719				
Generator 3	833	833	790	722	759	797	749	771	793	805	812	823	751	749				
Generator 4	831	831	789	745	764	769	771	768	780	785	790	811	774	821				
Power output (kW average ove																		
Facility Gross	2,600	2,492	2,588	2,623	2,733	2,984	2,783	2,875	2,986	2,978	3,052	3,066	2,817	2,840		2,828		
Facility Net	2,520	2,414	2,507	2,541	2,649	2,899	2,701	2,790	2,905	2,900	2,970	2,984	2,738	2,764		2,749		
In-plant load	80	78	81	82	84	84	83	85	81	78	82	82	78	76				
Daily availability factor																		
Facility	84%	75%	90%	100%	100%	100%	100%	100%	100%	99%	100%	100%	99%	101%				
Engine 1	38%	0%	58%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%				
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	96%	104%				
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%				
Engine 4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%				
Daily capacity factor																		
Facility	79%	76%	78%	79%	83%	90%	84%	87%	90%	90%	92%	93%	85%	86%				
Engine 1	35%	0%	44%	49%	55%	72%	62%	66%	74%	75%	76%	74%	64%	64%				
Engine 2	101%	101%	97%	92%	92%	100%	92%	96%	98%	97%	100%	100%	97%	87%				
Engine 3	101%	101%	96%	87%	92%	97%	91%	93%	96%	98%	98%	100%	91%	91%				
Engine 4	101%	101%	96%	90%	93%	93%	93%	93%	95%	95%	96%	98%	94%	100%				
Cumulative by engine																		
Engine operating run hours in t																		
Max Cumulative Available,	432	456	480	504	528	552	576	600	624	648	672	696	720	720				
Engine 1	404	404	418	442	466	490	514	538	562	586	610	634	658	658				
Engine 2	432	456	480	504	528	552	576	600	624	647	671	695	718	720				
Engine 3	432	456	480	504	528	552	576	600	624	648	672	696	720	720				
Engine 4	461.9	485.9	509.9	533.9	557.9	581.9	605.9	630	654	678	702	726	750	750				
Engine operating run hours tota																		
Engine 1	80,890	80,890	80,904	80,928	80,952	80,976	81,000	81,024	81,048	81,072	81,096	81,120	81,144	81,144				
Engine 2	77,341	77,365	77,389	77,413	77,437	77,461	77,485	77,509	77,533	77,556	77,580	77,604	77,627	77,629				
Engine 3	79,921	79,945	79,969	79,993	80,017	80,041	80,065	80,089	80,113	80,137	80,161	80,185	80,209	80,209				
Engine 4	76,484	76,508	76,532	76,556	76,580	76,604	76,628	76,652	76,676	76,700	76,724	76,748	76,772	76,772				
Cumulative availability, %																		
Engine 1	94%	89%	87%	88%	88%	89%	89%	90%	90%	90%	91%	91%	91%	91%				
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%				
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%				
Engine 4	107%	107%	106%	106%	106%	105%	105%	105%	105%	105%	104%	104%	104%	104%				
Engine cumulative gross outpu																		
Max cumulative capacity or	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	9,892	9,892	10,253	10,656	11,106	11,704	12,214	12,761	13,368	13,990	14,621	15,234	15,758	15,758				
Engine 2	14,244	15,076	15,877	16,633	17,394	18,216	18,972	19,764	20,573	21,375	22,198	23,020	23,824	23,739				
Engine 3	14,089	14,921	15,711	16,433	17,192	17,989	18,738	19,508	20,301	21,106	21,918	22,741	23,492	23,489				
Engine 4	13,259	14,090	14,879	15,623	16,388	17,157	17,928	18,696	19,476	20,261	21,051	21,862	22,635	22,683				
Cumulative capacity factor, %																		
Engine 1	67%	63%	62%	62%	61%	62%	62%	62%	62%	63%	63%	64%	64%	64%				
Engine 2	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%				
Engine 3	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%				
Engine 4	89%	90%	90%	90%	90%	90%	91%	91%	91%	91%	91%	91%	91%	92%				

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday			
	1/18/2016	1/19/2016	1/20/2016	1/21/2016	1/22/2016	1/23/2016	1/24/2016	1/25/2016	1/26/2016	1/27/2016	1/28/2016	1/29/2016	1/30/2016	1/31/2016	TOTAL	Biogas	LFG
Cumulative by Facility in month																	
Max cumulative available engi	1,728	1,824	1,920	2,016	2,112	2,208	2,304	2,400	2,496	2,592	2,688	2,784	2,880	2,880			
Actual cumulative engine run h	1,730	1,802	1,888	1,984	2,080	2,176	2,272	2,368	2,464	2,559	2,655	2,751	2,846	2,848			
Cumulative Availability, %	100.1%	98.8%	98.3%	98.4%	98.5%	98.5%	98.6%	98.7%	98.7%	98.7%	98.8%	98.8%	98.8%	98.9%			
Max cumulative gross output, k	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	1,231,471	1,291,284	1,353,386	1,416,335	1,481,916	1,553,524	1,620,326	1,689,320	1,760,991	1,832,470	1,905,717	1,979,293	2,046,893	2,047,454			
Cumulative Capacity Factor	86.4%	85.8%	85.4%	85.2%	85.1%	85.3%	85.2%	85.3%	85.5%	85.7%	85.9%	86.2%	86.1%	86.2%			
Cumulative fuel input, MMBtu H	14,920	15,664	16,438	17,213	18,039	18,913	19,751	20,590	21,469	22,350	23,215	24,126	25,005	25,018			
Cumulative gross output, kWhr	1,231,471	1,291,284	1,353,386	1,416,335	1,481,916	1,553,524	1,620,326	1,689,320	1,760,991	1,832,470	1,905,717	1,979,293	2,046,893	2,047,454			
Heat Rate																	
Daily heat rate, Btu/kWe gross	11,272	11,199	11,227	11,076	11,344	10,988	11,291	10,939	11,040	11,102	10,627	11,148	11,705	11,779		10,283	
Daily heat rate, Btu/kWe gross	12,522	12,440	12,471	12,304	12,601	12,207	12,543	12,152	12,264	12,332	11,805	12,384	13,003	13,085		11,779	
Cumulative heat rate, Btu/kWe	10,906	10,920	10,934	10,940	10,958	10,959	10,973	10,972	10,975	10,979	10,966	10,973	10,997	11,000			
Cumulative heat rate, Btu/kWe	12,115	12,130	12,146	12,153	12,173	12,175	12,190	12,188	12,191	12,197	12,182	12,189	12,216	12,219			
Cumulative by Facility starting C																	
Max cumulative available engi	1,728	1,824	1,920	2,016	2,112	2,208	2,304	2,400	2,496	2,592	2,688	2,784	2,880	2,880			
Actual cumulative engine run h	1,730	1,802	1,888	1,984	2,080	2,176	2,272	2,368	2,464	2,559	2,655	2,751	2,846	2,848			
Cumulative Availability, %	100.1%	98.8%	98.3%	98.4%	98.5%	98.5%	98.6%	98.7%	98.7%	98.7%	98.8%	98.8%	98.8%	98.9%			
Max cumulative gross output, k	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	1,231,471	1,291,284	1,353,386	1,416,335	1,481,916	1,553,524	1,620,326	1,689,320	1,760,991	1,832,470	1,905,717	1,979,293	2,046,893	2,047,454			
Cumulative Capacity Factor	86.4%	85.8%	85.4%	85.2%	85.1%	85.3%	85.2%	85.3%	85.5%	85.7%	85.9%	86.2%	86.1%	86.2%			
Cumulative fuel input, MMBtu H	14,920	15,664	16,438	17,213	18,039	18,913	19,751	20,590	21,469	22,350	23,215	24,126	25,005	25,018			
Cumulative gross output, kWhr	1,231,471	1,291,284	1,353,386	1,416,335	1,481,916	1,553,524	1,620,326	1,689,320	1,760,991	1,832,470	1,905,717	1,979,293	2,046,893	2,047,454			
Cumulative heat rate, Btu/kWe	10,906	10,920	10,934	10,940	10,958	10,959	10,973	10,972	10,975	10,979	10,966	10,973	10,997	11,000			
Cumulative heat rate, Btu/kWe	12,115	12,130	12,146	12,153	12,173	12,175	12,190	12,188	12,191	12,197	12,182	12,189	12,216	12,219			
Service																	
Engine 1		5 heads replaces, restart E-1															
Engine 2																	
Engine 3																	
Engine 4																	
Oil - oil and filter change																	
Service - plugs, air filter, valve insp																	
Precipitation																	

NSTAR Power Reports	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
Date	1/18/2016	1/19/2016	1/20/2016	1/21/2016	1/22/2016	1/23/2016	1/24/2016	1/25/2016	1/26/2016	1/27/2016	1/28/2016	1/29/2016	1/30/2016	1/31/2016	TOTAL
Hour															
1	2,709	2,416	2,409	2,588	2,513	2,972	2,826	2,659	2,827	2,912	2,926	3,025	2,824	2,756	
2	2,706	2,412	2,405	2,584	2,509	2,968	2,821	2,656	2,825	2,909	2,923	3,022	2,752	2,754	
3	2,706	2,413	2,405	2,584	2,450	2,968	2,734	2,654	2,825	2,910	2,922	3,021	2,752	2,753	
4	2,708	2,416	2,408	2,587	2,413	2,972	2,657	2,659	2,829	2,878	2,924	3,025	2,755	2,758	
5	2,705	2,412	2,404	2,583	2,409	2,969	2,655	2,655	2,852	2,838	2,921	3,023	2,752	2,754	
6	2,704	2,413	2,406	2,584	2,409	2,935	2,654	2,654	2,897	2,838	2,850	3,020	2,751	2,753	
7	2,708	2,416	2,407	2,586	2,413	2,838	2,657	2,658	2,900	2,841	2,854	3,024	2,755	2,757	
8	2,706	2,414	2,404	2,580	2,402	2,826	2,655	2,652	2,896	2,837	2,848	3,016	2,682	2,755	
9	2,544	2,406	2,403	2,576	2,402	2,828	2,656	2,642	2,891	2,880	2,864	3,014	2,682	2,757	
10	2,406	2,410	2,405	2,576	2,408	2,829	2,657	2,781	2,924	2,702	2,927	3,022	2,687	2,759	
11	2,407	2,409	2,476	2,576	2,496	2,826	2,656	2,866	2,964	2,204	2,961	3,032	2,686	2,759	
12	2,410	2,410	2,456	2,461	2,577	2,940	2,655	2,869	2,966	2,985	2,993	3,046	2,687	2,759	
13	2,415	2,415	2,603	2,433	2,609	2,950	2,685	2,912	2,972	3,003	2,999	3,049	2,690	2,764	
14	2,412	2,413	2,620	2,516	2,608	2,899	2,728	2,970	2,970	3,001	3,000	3,043	2,687	2,759	
15	2,410	2,410	2,586	2,517	2,666	2,900	2,729	2,965	2,801	3,001	2,996	3,017	2,687	2,758	
16	2,416	2,406	2,590	2,519	2,785	2,900	2,732	2,936	2,585	3,000	3,002	2,971	2,717	2,762	
17	2,413	2,407	2,589	2,513	2,784	2,896	2,728	2,853	2,795	3,000	3,023	2,970	2,756	2,757	
18	2,415	2,406	2,587	2,514	2,795	2,896	2,728	2,825	2,984	2,998	3,021	2,947	2,755	2,756	
19	2,417	2,411	2,589	2,516	2,912	2,898	2,731	2,828	2,986	3,001	3,024	2,912	2,756	2,758	
20	2,413	2,409	2,586	2,512	2,967	2,893	2,727	2,824	2,984	2,996	3,021	2,898	2,753	2,757	
21	2,414	2,408	2,585	2,512	2,967	2,888	2,673	2,824	2,983	2,970	3,020	2,870	2,754	2,754	
22	2,416	2,409	2,587	2,513	2,972	2,826	2,659	2,828	2,985	2,927	3,024	2,829	2,758	2,758	
23	2,412	2,405	2,584	2,511	2,969	2,823	2,657	2,823	2,983	2,924	3,021	2,825	2,755	2,756	
24	2,414	2,405	2,584	2,510	2,969	2,823	2,655	2,825	2,920	2,923	3,021	2,825	2,753	2,754	
TOTAL	60,386	57,851	60,078	60,951	63,404	69,463	64,715	66,818	69,544	69,478	71,085	71,446	65,586	66,167	
Cumulative Output Sold, kV	1,195,555	1,253,406	1,313,484	1,374,435	1,437,839	1,507,302	1,572,017	1,638,835	1,708,379	1,777,857	1,848,942	1,920,388	1,985,974	2,052,141	
Transformer and line efficien	99.9%	99.9%	99.9%	99.9%	99.7%	99.8%	99.8%	99.8%	99.7%	99.8%	99.7%	99.8%	99.8%	99.7%	0.0%
Hourly average	2,516	2,410	2,503	2,540	2,642	2,894	2,696	2,784	2,898	2,895	2,962	2,977	2,733	2,757	2,758

DECEMBER 2015																	
CNBE Daily Reports Summary Data																	
	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday
	12/1/2015	12/2/2015	12/3/2015	12/4/2015	12/5/2015	12/6/2015	12/7/2015	12/8/2015	12/9/2015	12/10/2015	12/11/2015	12/12/2015	12/13/2015	12/14/2015	12/15/2015	12/16/2015	12/17/2015
LFG and Biogas Flow to the Engines (KSCF)	969	923	967	1,124	1,344	1,336	1,251	1,363	1,533	1,509	1,561	1,561	1,546	1,555	1,565	1,460	1,495
LFG and Biogas Flow to the Engines (MMBTU	548	532	550	627	732	736	716	780	861	844	877	862	845	861	889	807	835
LFG and Biogas Flow to the Flare (KSCF)	432	432	432	288	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and BiogasFlow to the Flare (MMBTU HH	232	245	245	157	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and Biogas Total Flow (KSCF)	1,401	1,355	1,399	1,412	1,344	1,336	1,251	1,363	1,533	1,509	1,561	1,561	1,546	1,555	1,565	1,460	1,495
LFG and Biogas Total Flow (MMBTU HHV)	780	777	795	785	732	736	716	780	861	844	877	862	845	861	889	807	835
Average Methane Content (%)	55.0	56.6	56.2	54.9	53.8	54.4	56.6	56.6	55.5	55.3	55.5	54.6	54.0	54.7	56.1	54.6	55.2
Engine 1 Hours	24	18	24	19	24	24	24	24	24	24	24	24	24	24	24	24	24
Engine 2 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	23	24
Engine 3 Hours	-	-	-	14	24	24	20	24	24	24	24	24	24	24	24	24	24
Engine 4 Hours	-	-	-	-	-	-	-	9	24	24	24	24	24	24	24	24	24
Generator 1 Power Output (kWhr)	19,640	11,986	12,588	12,604	19,636	19,634	19,632	18,966	19,326	18,034	18,868	19,590	18,136	18,732	19,362	19,214	18,588
Generator 2 Power Output (kWhr)	19,734	19,734	19,730	19,730	19,730	19,728	19,728	17,900	17,816	19,730	18,690	18,296	17,974	18,828	19,038	17,030	18,834
Generator 3 Power Output (kWhr)	-	-	-	10,472	19,160	19,160	15,246	19,742	19,120	17,964	18,776	18,478	18,220	18,054	18,670	18,196	18,024
Generator 4 Power Output (kWhr)	-	-	-	-	-	-	-	4,642	14,232	16,158	15,110	14,380	14,380	14,816	16,156	15,404	15,818
Gross Power Output (kWhr)	39,336	31,649	32,301	42,779	58,534	58,527	54,558	61,219	70,451	71,854	71,406	70,721	68,685	70,406	73,201	69,825	71,240
Net Power Output (kWhr)	37,904	30,184	30,912	41,472	57,032	57,081	53,008	59,352	68,304	69,744	69,376	68,736	66,672	68,376	71,248	67,880	69,248
Power Sold as metered by NStar, (kWhr)	37,924	30,199	30,930	41,406	56,964	57,013	52,928	59,207	68,150	69,560	69,194	68,545	66,517	68,190	71,042	67,756	69,033
Offgrid RECs (kWhr)	1,432	1,464	1,389	1,307	1,502	1,446	1,550	1,868	2,147	2,109	2,030	1,986	2,013	2,029	1,953	1,945	1,992
Calculated Performance Results																	
Daily																	
Power output (kW average when running)																	
Generator 1	818	666	525	663	818	818	818	790	805	751	786	816	756	781	807	801	775
Generator 2	822	822	822	822	822	822	822	746	742	822	779	762	749	785	793	740	785
Generator 3	-	-	-	748	798	798	762	823	797	749	782	770	759	752	778	758	751
Generator 4	-	-	-	-	-	-	-	516	593	673	630	599	599	617	673	642	659
Power output (kW average over 24-hrs)																	
Facility Gross	1,639	1,319	1,346	1,782	2,439	2,439	2,273	2,551	2,935	2,994	2,975	2,947	2,862	2,934	3,050	2,909	2,968
Facility Net	1,579	1,258	1,288	1,728	2,376	2,378	2,209	2,473	2,846	2,906	2,891	2,864	2,778	2,849	2,969	2,828	2,885
In-plant load	60	61	58	54	63	60	65	78	89	88	85	83	84	85	81	81	83
Daily availability factor																	
Facility	50%	44%	50%	59%	75%	75%	71%	84%	100%	100%	100%	100%	100%	100%	100%	99%	100%
Engine 1	100%	75%	100%	79%	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%	96%	100%
Engine 3	0%	0%	0%	58%	100%	100%	83%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 4	0%	0%	0%	0%	0%	0%	0%	38%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Daily capacity factor																	
Facility	50%	40%	41%	54%	74%	74%	69%	77%	89%	91%	90%	89%	87%	89%	92%	88%	90%
Engine 1	99%	81%	64%	80%	99%	99%	99%	96%	98%	91%	95%	99%	92%	95%	98%	97%	94%
Engine 2	100%	100%	100%	100%	100%	100%	100%	90%	90%	100%	94%	92%	91%	95%	96%	90%	95%
Engine 3	0%	0%	0%	91%	97%	97%	92%	100%	97%	91%	95%	93%	92%	91%	94%	92%	91%
Engine 4	0%	0%	0%	0%	0%	0%	0%	63%	72%	82%	76%	73%	73%	75%	82%	78%	80%
Cumulative by engine																	
Engine operating run hours in the month																	
Max Cumulative Available, hours	24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408
Engine 1	24	42	66	85	109	133	157	181	205	229	253	277	301	325	349	373	397
Engine 2	24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	383	407
Engine 3	0	0	0	14	38	62	82	106	130	154	178	202	226	250	274	298	322
Engine 4	0	0	0	0	0	0	0	9	33	57	81	105	129	153	177	201	225
Engine operating run hours total from 0 hours																	
Engine 1	79,765	79,789	79,807	79,831	79,850	79,874	79,898	79,922	79,946	79,970	79,994	80,018	80,042	80,066	80,090	80,114	80,138	80,162
Engine 2	76,174	76,198	76,222	76,246	76,270	76,294	76,318	76,342	76,366	76,390	76,414	76,438	76,462	76,486	76,510	76,534	76,557	76,581
Engine 3	78,835	78,835	78,835	78,835	78,849	78,873	78,897	78,917	78,941	78,965	78,989	79,013	79,037	79,061	79,085	79,109	79,133	79,157
Engine 4	75,466	75,466	75,466	75,466	75,466	75,466	75,466	75,466	75,475	75,499	75,523	75,547	75,571	75,595	75,619	75,643	75,667	75,691
Cumulative availability, %	December 1, 2015 @ 00:00 hours																
Engine 1	100%	88%	92%	89%	91%	92%	93%	94%	95%	95%	96%	96%	96%	97%	97%	97%	97%
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 3	0%	0%	0%	15%	32%	43%	49%	55%	60%	64%	67%	70%	72%	74%	76%	78%	79%
Engine 4	0%	0%	0%	0%	0%	0%	0%	5%	15%	24%	31%	36%	41%	46%	49%	52%	55%
Engine cumulative gross output, kWhr																	
Max cumulative capacity one engine	825	1,650	2,475	3,300	4,125	4,950	5,775	6,600	7,425	8,250	9,075	9,900	10,725	11,550	12,375	13,200	14,025
Engine 1	818	1,484	2,009	2,672	3,490	4,308	5,126	5,917	6,722	7,473	8,259	9,076	9,831	10,612	11,419	12,219	12,994
Engine 2	822	1,645	2,467	3,289	4,111	4,933	5,755	6,501	7,243	8,065	8,844	9,606	10,355	11,140	11,933	12,673	13,458
Engine 3	-	-	-	748	1,546	2,345	3,107	3,930	4,726	5,475	6,257	7,027	7,786	8,538	9,316	10,074	10,825
Engine 4	-	-	-	-	-	-	-	516	1,109	1,782	2,412	3,011	3,610	4,227	4,900	5,542	6,201
Cumulative capacity factor, %																	
Engine 1	99%	90%	81%	81%	85%	87%	89%	90%	91%	91%	91%	92%	92%	92%	92%	93%	93%
Engine 2	100%	100%	100%	100%	100%	100%	100%	98%	98%	98%	97%	97%	97%	96%	96%	96%	96%
Engine 3	0%	0%	0%	23%	37%	47%	54%	60%	64%	66%	69%	71%	73%	74%	75%	76%	77%
Engine 4	0%	0%	0%	0%	0%	0%	0%	8%	15%	22%	27%	30%	34%	37%	40%	42%	44%

	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday
	12/1/2015	12/2/2015	12/3/2015	12/4/2015	12/5/2015	12/6/2015	12/7/2015	12/8/2015	12/9/2015	12/10/2015	12/11/2015	12/12/2015	12/13/2015	12/14/2015	12/15/2015	12/16/2015	12/17/2015
Cumulative by Facility in month																	
Max cumulative available engine run hours	96	192	288	384	480	576	672	768	864	960	1,056	1,152	1,248	1,344	1,440	1,536	1,632
Actual cumulative engine run hours	48	90	138	195	267	339	407	488	584	680	776	872	968	1,064	1,160	1,255	1,351
Cumulative Availability, %	50.0%	46.9%	47.9%	50.8%	55.6%	58.9%	60.6%	63.5%	67.6%	70.8%	73.5%	75.7%	77.6%	79.2%	80.6%	81.7%	82.8%
Max cumulative gross output, kWhr	79,200	158,400	237,600	316,800	396,000	475,200	554,400	633,600	712,800	792,000	871,200	950,400	1,029,600	1,108,800	1,188,000	1,267,200	1,346,400
Actual cumulative gross output, kWhr	39,336	70,985	103,286	146,065	204,599	263,126	317,684	378,903	449,354	521,208	592,614	663,335	732,020	802,426	875,627	945,452	1,016,692
Cumulative Capacity Factor	49.7%	44.8%	43.5%	46.1%	51.7%	55.4%	57.3%	59.8%	63.0%	65.8%	68.0%	69.8%	71.1%	72.4%	73.7%	74.6%	75.5%
Cumulative fuel input, MMBtu HHV	548	1,080	1,630	2,258	2,990	3,726	4,442	5,222	6,083	6,927	7,803	8,665	9,510	10,371	11,259	12,067	12,902
Cumulative gross output, kWhr	39,336	70,985	103,286	146,065	204,599	263,126	317,684	378,903	449,354	521,208	592,614	663,335	732,020	802,426	875,627	945,452	1,016,692
Heat Rate																	
Daily heat rate, Btu/kWe gross LHV	12,548	15,126	15,334	13,198	11,261	11,317	11,817	11,471	10,999	10,574	11,051	10,972	11,072	11,006	10,928	10,407	10,552
Daily heat rate, Btu/kWe gross HHV	13,939	16,803	17,034	14,661	12,509	12,572	13,127	12,743	12,218	11,746	12,276	12,189	12,300	12,226	12,139	11,560	11,722
Cumulative heat rate, Btu/kWe gross LHV	12,548	13,697	14,209	13,913	13,154	12,746	12,586	12,406	12,185	11,963	11,853	11,759	11,695	11,634	11,575	11,489	11,423
Cumulative heat rate, Btu/kWe gross HHV	13,939	15,216	15,784	15,455	14,612	14,159	13,982	13,781	13,536	13,290	13,167	13,063	12,991	12,924	12,859	12,763	12,690
Cumulative by Facility starting Calendar Year																	
Max cumulative available engine run hours	31,580	31,676	31,772	31,868	31,964	32,060	32,156	32,252	32,348	32,444	32,540	32,636	32,732	32,828	32,924	33,020	33,116
Actual cumulative engine run hours	26,097	26,139	26,187	26,244	26,316	26,388	26,456	26,537	26,633	26,729	26,825	26,921	27,017	27,113	27,209	27,304	27,400
Cumulative Availability, %	82.6%	82.5%	82.4%	82.4%	82.3%	82.3%	82.3%	82.3%	82.3%	82.4%	82.4%	82.5%	82.5%	82.6%	82.6%	82.7%	82.7%
Max cumulative gross output, kWhr	26,053,500	26,132,700	26,211,900	26,291,100	26,370,300	26,449,500	26,528,700	26,607,900	26,687,100	26,766,300	26,845,500	26,924,700	27,003,900	27,083,100	27,162,300	27,241,500	27,320,700
Actual cumulative gross output, kWhr	19,666,337	19,697,986	19,730,287	19,773,066	19,831,600	19,890,127	19,944,685	20,005,904	20,076,355	20,148,209	20,219,615	20,290,336	20,359,021	20,429,427	20,502,628	20,572,453	20,643,693
Cumulative Capacity Factor	75.5%	75.4%	75.3%	75.2%	75.2%	75.2%	75.2%	75.2%	75.2%	75.3%	75.3%	75.4%	75.4%	75.4%	75.5%	75.5%	75.6%
Cumulative fuel input, MMBtu HHV	245,506	246,037	246,588	247,215	247,947	248,683	249,399	250,179	251,040	251,884	252,761	253,623	254,467	255,328	256,217	257,024	257,859
Cumulative gross output, kWhr	19,666,337	19,697,986	19,730,287	19,773,066	19,831,600	19,890,127	19,944,685	20,005,904	20,076,355	20,148,209	20,219,615	20,290,336	20,359,021	20,429,427	20,502,628	20,572,453	20,643,693
Cumulative heat rate, Btu/kWe gross LHV	11,238	11,244	11,251	11,255	11,255	11,255	11,257	11,257	11,256	11,254	11,253	11,252	11,252	11,251	11,250	11,247	11,244
Cumulative heat rate, Btu/kWe gross HHV	12,484	12,490	12,498	12,503	12,503	12,503	12,505	12,505	12,504	12,502	12,501	12,500	12,499	12,498	12,497	12,494	12,491
Service																	
Engine 1																	
Engine 2																	
Engine 3																	
Engine 4																	
Oil - oil and filter change																	
Service - plugs, air filter, valve inspection and adjustment																	
Precipitation																	

NSTAR Power Reports	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday
Date	12/1/2015	12/2/2015	12/3/2015	12/4/2015	12/5/2015	12/6/2015	12/7/2015	12/8/2015	12/9/2015	12/10/2015	12/11/2015	12/12/2015	12/13/2015	12/14/2015	12/15/2015	12/16/2015	12/17/2015
Hour																	
1	1,587	1,586	1,295	1,307	2,374	2,375	2,377	2,386	2,749	2,965	2,896	2,826	2,899	2,751	2,973	2,904	2,973
2	1,579	1,577	1,288	1,301	2,365	2,370	2,371	2,382	2,743	2,959	2,891	2,819	2,892	2,747	3,039	2,898	2,967
3	1,585	1,585	1,294	1,308	2,372	2,376	2,377	2,387	2,746	2,909	2,895	2,824	2,897	2,751	3,044	2,901	2,973
4	1,585	1,586	1,293	1,307	2,375	2,377	2,376	2,386	2,749	2,895	2,897	2,825	2,842	2,751	3,045	2,902	2,974
5	1,580	1,578	1,287	1,301	2,368	2,370	2,371	2,383	2,744	2,888	2,891	2,818	2,748	2,747	3,040	2,898	2,969
6	1,585	1,583	1,292	1,303	2,373	2,375	2,375	2,387	2,749	2,893	2,896	2,825	2,751	2,752	3,046	2,902	2,973
7	1,587	1,580	1,288	1,304	2,375	2,376	2,377	2,388	2,749	2,894	2,898	2,825	2,752	2,752	3,047	2,904	2,921
8	1,580	1,578	1,283	1,299	2,369	2,372	2,371	2,381	2,745	2,890	2,893	2,819	2,749	2,742	3,042	2,899	2,861
9	1,584	1,579	1,282	1,298	2,375	2,377	2,368	2,382	2,835	2,890	2,893	2,827	2,753	2,749	3,041	2,857	2,829
10	1,580	1,570	1,284	1,368	2,377	2,379	2,366	2,379	2,842	2,887	2,870	2,827	2,754	2,750	3,032	2,817	2,816
11	1,576	1,420	1,280	1,431	2,371	2,371	2,361	2,376	2,836	2,884	2,826	2,814	2,749	2,744	3,002	2,748	2,741
12	1,577	778	1,287	1,500	2,372	2,373	2,094	2,381	1,824	2,888	2,893	2,816	2,744	2,748	2,966	2,748	2,772
13	1,576	760	1,287	1,513	2,377	2,382	1,735	2,383	2,907	2,894	2,891	2,875	2,739	2,911	2,932	2,750	2,817
14	1,571	837	1,274	1,529	2,375	2,376	1,714	2,370	2,939	2,885	2,889	2,898	2,740	2,918	2,891	2,750	2,818
15	1,577	755	1,278	1,503	2,380	2,381	1,573	2,178	2,989	2,890	2,896	2,903	2,755	2,891	2,868	2,826	2,901
16	1,580	767	1,276	2,182	2,381	2,381	1,570	1,907	3,028	2,896	2,898	2,902	2,754	2,893	2,829	2,832	2,912
17	1,569	776	1,274	2,042	2,371	2,374	1,657	2,538	3,033	2,892	2,895	2,851	2,749	2,891	2,888	2,825	2,894
18	1,582	925	1,276	2,372	2,377	2,378	2,200	2,749	3,037	2,897	2,900	2,873	2,752	2,897	2,902	2,829	2,899
19	1,582	1,054	1,299	2,374	2,374	2,377	2,380	2,751	3,037	2,898	2,899	2,898	2,752	2,961	2,906	2,830	2,885
20	1,576	1,168	1,299	2,370	2,368	2,371	2,382	2,744	3,019	2,890	2,892	2,894	2,747	2,966	2,900	2,684	2,824
21	1,583	1,285	1,305	2,377	2,375	2,377	2,386	2,749	2,964	2,895	2,898	2,898	2,750	2,970	2,903	2,235	2,829
22	1,582	1,291	1,304	2,375	2,375	2,378	2,385	2,751	2,964	2,896	2,851	2,898	2,751	2,971	2,905	2,800	2,831
23	1,577	1,288	1,299	2,370	2,370	2,371	2,379	2,742	2,959	2,890	2,821	2,892	2,747	2,966	2,899	3,037	2,825
24	1,584	1,293	1,306	2,372	2,375	2,376	2,383	2,747	2,963	2,895	2,825	2,898	2,751	2,971	2,902	2,980	2,829
TOTAL	37,924	30,199	30,930	41,406	56,964	57,013	52,928	59,207	68,150	69,560	69,194	68,545	66,517	68,190	71,042	67,756	69,033
Cumulative Output Sold, kWhr	37,924	68,123	99,053	140,459	197,423	254,436	307,364	366,571	434,721	504,281	573,475	642,020	708,537	776,727	847,769	915,525	984,558
Transformer and line efficiency	100.1%	100.0%	100.1%	99.8%	99.9%	99.9%	99.8%	99.8%	99.8%	99.7%	99.7%	99.7%	99.8%	99.7%	99.7%	99.8%	99.7%
Hourly average	1,580	1,258	1,289	1,725	2,374	2,376	2,205	2,467	2,840	2,898	2,883	2,856	2,772	2,841	2,960	2,823	2,876

DECEMBER 2015																		
CNBE Daily Reports Summary Dat																		
	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday				
	12/18/2015	12/19/2015	12/20/2015	12/21/2015	12/22/2015	12/23/2015	12/24/2015	12/25/2015	12/26/2015	12/27/2015	12/28/2015	12/29/2015	12/30/2015	12/31/2015	TOTAL	Biogas	LFG	
LFG and Biogas Flow to the Engine	1,507	1,522	1,488	1,423	1,432	1,484	1,474	1,484	1,408	1,413	1,465	1,473	1,305	1,476	43,416	2,644	40,771	
LFG and Biogas Flow to the Engine	844	817	791	763	765	806	833	826	790	804	805	834	736	835	24,150	1,873	22,277	
LFG and Biogas Flow to the Flare (	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,584	7.8%	92%	
LFG and BiogasFlow to the Flare (I	-	-	-	-	-	-	-	-	-	-	-	-	-	-	879			
LFG and Biogas Total Flow (KSCF	1,507	1,522	1,488	1,423	1,432	1,484	1,474	1,484	1,408	1,413	1,465	1,473	1,305	1,476	45,000			
LFG and Biogas Total Flow (MMBT	844	817	791	763	765	806	833	826	790	804	805	834	736	835	25,029			
Average Methane Content (%)	55.3	53.1	52.5	53.0	52.8	53.7	55.9	55.0	55.4	56.2	54.3	56.0	55.7	55.9	55.0			
Engine 1 Hours	24	24	22	23	24	24	24	24	20	24	24	24	20	24	722			
Engine 2 Hours	23	24	24	22	24	24	24	24	24	24	24	24	20	24	736			
Engine 3 Hours	24	24	24	24	24	24	24	24	24	24	24	24	19	24	653			
Engine 4 Hours	24	24	24	23	24	24	24	24	24	24	24	24	19	24	555			
Generator 1 Power Output (kWhr)	18,540	18,568	15,646	16,678	16,398	16,828	17,280	17,278	12,274	13,154	13,160	13,790	11,706	16,604	522,440			
Generator 2 Power Output (kWhr)	18,302	18,656	18,460	16,250	16,486	17,612	18,408	17,386	18,188	19,724	18,666	19,512	15,312	19,318	574,530			
Generator 3 Power Output (kWhr)	18,498	17,626	17,718	16,644	15,558	16,862	17,654	16,768	17,632	19,664	18,566	19,390	15,236	19,320	496,418			
Generator 4 Power Output (kWhr)	15,878	15,834	16,098	14,646	15,178	16,288	16,154	16,156	16,428	17,492	16,472	18,194	13,088	17,130	366,132			
Gross Power Output (kWhr)	71,190	70,660	67,889	64,200	63,608	67,564	69,478	67,571	64,488	69,983	66,825	70,819	55,327	72,339	1,958,633			
Net Power Output (kWhr)	69,192	68,560	65,776	62,200	61,704	65,632	67,632	65,736	62,672	68,096	64,776	68,760	53,808	70,456	1,901,529			
Power Sold as metered by NStar, (	69,022	68,417	65,676	62,070	61,544	65,454	67,438	65,568	62,515	67,932	64,654	68,630	53,710	70,300	1,897,488	CRMCB inplant		
Offgrid RECs (kWhr)	1,998	2,101	2,113	2,000	1,904	1,933	1,846	1,835	1,816	1,887	2,049	2,059	1,519	1,883	57,105	8,714		
Calculated Performance Results																15%		
Daily																of total in-plant		
Power output (kW average whe																power		
Generator 1	773	774	711	725	683	701	720	720	614	548	548	575	585	692				
Generator 2	796	777	769	739	687	734	767	724	758	822	778	813	766	805				
Generator 3	771	734	738	694	648	703	736	699	735	819	774	808	802	805				
Generator 4	662	660	671	637	632	679	673	673	685	729	686	758	689	714				
Power output (kW average ove																		
Facility Gross	2,966	2,944	2,829	2,675	2,650	2,815	2,895	2,815	2,687	2,916	2,784	2,951	2,305	3,014				
Facility Net	2,883	2,857	2,741	2,592	2,571	2,735	2,818	2,739	2,611	2,837	2,699	2,865	2,242	2,936				
In-plant load	83	88	88	83	79	81	77	76	76	79	85	86	63	78				
Daily availability factor																		
Facility	99%	100%	98%	96%	100%	100%	100%	100%	96%	100%	100%	100%	81%	100%				
Engine 1	100%	100%	92%	96%	100%	100%	100%	100%	83%	100%	100%	100%	83%	100%				
Engine 2	96%	100%	100%	92%	100%	100%	100%	100%	100%	100%	100%	100%	83%	100%				
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	79%	100%				
Engine 4	100%	100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	79%	100%				
Daily capacity factor																		
Facility	90%	89%	86%	81%	80%	85%	88%	85%	81%	88%	84%	89%	70%	91%				
Engine 1	94%	94%	86%	88%	83%	85%	87%	87%	74%	66%	66%	70%	71%	84%				
Engine 2	96%	94%	93%	90%	83%	89%	93%	88%	92%	100%	94%	99%	93%	98%				
Engine 3	93%	89%	89%	84%	79%	85%	89%	85%	89%	99%	94%	98%	97%	98%				
Engine 4	80%	80%	81%	77%	77%	82%	82%	82%	83%	88%	83%	92%	83%	87%				
Cumulative by engine																		
Engine operating run hours in t																		
Max Cumulative Available,	432	456	480	504	528	552	576	600	624	648	672	696	720	720				
Engine 1	421	445	467	490	514	538	562	586	606	630	654	678	698	702				
Engine 2	430	454	478	500	524	548	572	596	620	644	668	692	712	716				
Engine 3	346	370	394	418	442	466	490	514	538	562	586	610	629	634				
Engine 4	249	273	297	320	344	368	392	416	440	464	488	512	531	536				
Engine operating run hours tota																		
Engine 1	80,186	80,210	80,232	80,255	80,279	80,303	80,327	80,351	80,371	80,395	80,419	80,443	80,463	80,467				
Engine 2	76,604	76,628	76,652	76,674	76,698	76,722	76,746	76,770	76,794	76,818	76,842	76,866	76,886	76,890				
Engine 3	79,181	79,205	79,229	79,253	79,277	79,301	79,325	79,349	79,373	79,397	79,421	79,445	79,464	79,469				
Engine 4	75,715	75,739	75,763	75,786	75,810	75,834	75,858	75,882	75,906	75,930	75,954	75,978	75,997	76,002				
Cumulative availability, %																		
Engine 1	97%	98%	97%	97%	97%	97%	98%	98%	97%	97%	97%	97%	97%	98%				
Engine 2	100%	100%	100%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%				
Engine 3	80%	81%	82%	83%	84%	84%	85%	86%	86%	87%	87%	88%	87%	88%				
Engine 4	58%	60%	62%	63%	65%	67%	68%	69%	71%	72%	73%	74%	74%	74%				
Engine cumulative gross outpu																		
Max cumulative capacity or	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	13,766	14,540	15,251	15,976	16,659	17,361	18,081	18,800	19,414	19,962	20,511	21,085	21,670	21,777				
Engine 2	14,254	15,031	15,800	16,539	17,226	17,960	18,727	19,451	20,209	21,031	21,808	22,621	23,387	23,426				
Engine 3	11,596	12,331	13,069	13,762	14,411	15,113	15,849	16,547	17,282	18,101	18,875	19,683	20,485	20,488				
Engine 4	6,863	7,523	8,193	8,830	9,463	10,141	10,814	11,488	12,172	12,901	13,587	14,345	15,034	15,059				
Cumulative capacity factor, %																		
Engine 1	93%	93%	92%	92%	92%	91%	91%	91%	91%	90%	89%	88%	88%	88%				
Engine 2	96%	96%	96%	95%	95%	95%	95%	94%	94%	94%	94%	95%	94%	95%				
Engine 3	78%	79%	79%	79%	79%	80%	80%	80%	81%	81%	82%	82%	83%	83%				
Engine 4	46%	48%	50%	51%	52%	53%	55%	56%	57%	58%	59%	60%	61%	61%				

DECEMBER 2015

	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday			
	12/18/2015	12/19/2015	12/20/2015	12/21/2015	12/22/2015	12/23/2015	12/24/2015	12/25/2015	12/26/2015	12/27/2015	12/28/2015	12/29/2015	12/30/2015	12/31/2015	TOTAL	Biogas	LFG
Cumulative by Facility in month																	
Max cumulative available engi	1,728	1,824	1,920	2,016	2,112	2,208	2,304	2,400	2,496	2,592	2,688	2,784	2,880	2,880			
Actual cumulative engine run h	1,446	1,542	1,636	1,728	1,824	1,920	2,016	2,112	2,204	2,300	2,396	2,492	2,570	2,588			
Cumulative Availability, %	83.7%	84.5%	85.2%	85.7%	86.4%	87.0%	87.5%	88.0%	88.3%	88.7%	89.1%	89.5%	89.2%	89.9%			
Max cumulative gross output, k	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	1,087,882	1,158,542	1,226,431	1,290,631	1,354,239	1,421,803	1,491,281	1,558,852	1,623,340	1,693,323	1,760,148	1,830,967	1,886,294	1,903,306			
Cumulative Capacity Factor	76.3%	77.0%	77.4%	77.6%	77.7%	78.1%	78.5%	78.7%	78.8%	79.2%	79.4%	79.7%	79.4%	80.1%			
Cumulative fuel input, MMBtu H	13,745	14,563	15,353	16,116	16,881	17,687	18,520	19,346	20,136	20,940	21,746	22,580	23,315	23,414			
Cumulative gross output, kWhr	1,087,882	1,158,542	1,226,431	1,290,631	1,354,239	1,421,803	1,491,281	1,558,852	1,623,340	1,693,323	1,760,148	1,830,967	1,886,294	1,903,306			
Heat Rate																	
Daily heat rate, Btu/kWe gross	10,667	10,414	10,483	10,693	10,828	10,739	10,798	10,999	11,028	10,344	10,848	10,602	11,970	10,386			
Daily heat rate, Btu/kWe gross	11,850	11,568	11,645	11,879	12,028	11,929	11,995	12,218	12,250	11,491	12,051	11,778	13,297	11,537			
Cumulative heat rate, Btu/kWe	11,374	11,315	11,269	11,241	11,221	11,198	11,180	11,172	11,166	11,132	11,121	11,101	11,127	11,074			
Cumulative heat rate, Btu/kWe	12,635	12,570	12,519	12,487	12,465	12,440	12,419	12,410	12,404	12,366	12,354	12,332	12,360	12,302			
Cumulative by Facility starting C																	
Max cumulative available engi	33,212	33,308	33,404	33,500	33,596	33,692	33,788	33,884	33,980	34,076	34,172	34,268	34,364	34,364			
Actual cumulative engine run h	27,495	27,591	27,685	27,777	27,873	27,969	28,065	28,161	28,253	28,349	28,445	28,541	28,619	28,637			
Cumulative Availability, %	82.8%	82.8%	82.9%	82.9%	83.0%	83.0%	83.1%	83.1%	83.1%	83.2%	83.2%	83.3%	83.3%	83.3%			
Max cumulative gross output, k	27,399,900	27,479,100	27,558,300	27,637,500	27,716,700	27,795,900	27,875,100	27,954,300	28,033,500	28,112,700	28,191,900	28,271,100	28,350,300	28,350,300			
Actual cumulative gross output	20,714,883	20,785,543	20,853,432	20,917,632	20,981,240	21,048,804	21,118,282	21,185,853	21,250,341	21,320,324	21,387,149	21,457,968	21,513,295	21,530,307	19,627,001		
Cumulative Capacity Factor	75.6%	75.6%	75.7%	75.7%	75.7%	75.7%	75.8%	75.8%	75.8%	75.8%	75.9%	75.9%	75.9%	75.9%			
Cumulative fuel input, MMBtu H	258,703	259,520	260,311	261,073	261,838	262,644	263,478	264,303	265,093	265,898	266,703	267,537	268,273	268,372			
Cumulative gross output, kWhr	20,714,883	20,785,543	20,853,432	20,917,632	20,981,240	21,048,804	21,118,282	21,185,853	21,250,341	21,320,324	21,387,149	21,457,968	21,513,295	21,530,307			
Cumulative heat rate, Btu/kWe	11,242	11,240	11,237	11,235	11,234	11,233	11,231	11,230	11,230	11,227	11,226	11,224	11,226	11,221			
Cumulative heat rate, Btu/kWe	12,489	12,486	12,483	12,481	12,480	12,478	12,476	12,475	12,475	12,472	12,470	12,468	12,470	12,465			
Service																	
Engine 1																	
Engine 2													Scehduled outage				
Engine 3													for Nstar commuication work				
Engine 4													and coalescing filter work.				
Oil - oil and filter change				District shuts power to compressor.													
Service - plugs, air filter, valve insp				Horizontal wells become watered out.													
Precipitation																	

NSTAR Power Reports	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	
Date	12/18/2015	12/19/2015	12/20/2015	12/21/2015	12/22/2015	12/23/2015	12/24/2015	12/25/2015	12/26/2015	12/27/2015	12/28/2015	12/29/2015	12/30/2015	12/31/2015	TOTAL
Hour															
1	2,830	2,751	2,943	2,723	2,655	2,562	2,831	2,733	2,732	2,855	2,730	2,751	2,827	2,958	
2	2,825	2,747	2,937	2,718	2,650	2,557	2,827	2,729	2,726	2,849	2,725	2,745	2,822	2,953	
3	2,827	2,749	2,904	2,723	2,653	2,560	2,829	2,732	2,716	2,852	2,708	2,747	2,825	2,957	
4	2,828	2,750	2,844	2,723	2,654	2,560	2,831	2,733	2,683	2,855	2,681	2,749	2,828	2,958	
5	2,822	2,744	2,840	2,719	2,650	2,555	2,826	2,728	2,680	2,851	2,677	2,773	2,823	2,955	
6	2,826	2,748	2,842	2,723	2,653	2,558	2,829	2,732	2,682	2,854	2,679	2,797	2,825	2,956	
7	2,756	2,749	2,784	2,725	2,654	2,560	2,830	2,733	2,683	2,856	2,681	2,798	2,813	2,958	
8	2,752	2,727	2,734	2,721	2,544	2,556	2,826	2,729	2,679	2,852	2,678	2,846	2,775	2,956	
9	2,756	2,654	2,270	2,382	2,460	2,606	2,830	2,733	2,683	2,855	2,674	2,914	2,229	2,958	
10	2,864	2,656	2,240	2,275	2,457	2,729	2,831	2,735	2,684	2,857	2,723	2,911	-	2,997	
11	3,038	2,671	2,369	2,208	2,466	2,846	2,826	2,730	2,672	2,852	2,747	2,906	-	3,013	
12	3,041	3,022	2,948	2,275	2,498	2,849	2,828	2,733	2,719	2,856	2,704	2,917	-	3,018	
13	3,041	3,035	2,869	2,733	2,501	2,849	2,830	2,734	2,248	2,850	2,681	2,920	-	3,023	
14	2,491	2,991	2,781	2,523	2,499	2,842	2,825	2,729	2,125	2,843	2,690	2,921	134	3,011	
15	2,916	2,948	2,773	2,505	2,516	2,838	2,828	2,733	2,136	2,848	2,696	2,925	2,388	2,950	
16	3,041	2,947	2,776	2,212	2,520	2,824	2,829	2,735	2,143	2,854	2,675	2,949	2,911	2,920	
17	3,036	2,939	2,768	2,585	2,513	2,819	2,824	2,731	2,365	2,848	2,669	2,947	2,906	2,853	
18	3,044	2,943	2,730	2,672	2,517	2,823	2,820	2,734	2,612	2,851	2,675	2,951	2,908	2,853	
19	2,999	2,943	2,724	2,656	2,610	2,827	2,779	2,736	2,613	2,783	2,675	2,950	2,915	2,855	
20	2,940	2,938	2,718	2,652	2,609	2,823	2,775	2,730	2,609	2,775	2,671	2,906	2,954	2,848	
21	2,850	2,943	2,722	2,656	2,583	2,827	2,779	2,732	2,767	2,777	2,676	2,828	2,958	2,850	
22	2,849	2,943	2,722	2,655	2,564	2,829	2,742	2,734	2,855	2,778	2,676	2,829	2,959	2,853	
23	2,841	2,938	2,718	2,651	2,558	2,826	2,730	2,729	2,851	2,753	2,717	2,824	2,953	2,845	
24	2,809	2,941	2,720	2,655	2,560	2,829	2,733	2,731	2,852	2,728	2,746	2,826	2,957	2,802	
TOTAL	69,022	68,417	65,676	62,070	61,544	65,454	67,438	65,568	62,515	67,932	64,654	68,630	53,710	70,300	
Cumulative Output Sold, kV	1,053,580	1,121,997	1,187,673	1,249,743	1,311,287	1,376,741	1,444,179	1,509,747	1,572,262	1,640,194	1,704,848	1,773,478	1,827,188	1,897,488	
Transformer and line efficien	99.8%	99.8%	99.8%	99.8%	99.7%	99.7%	99.7%	99.7%	99.7%	99.8%	99.8%	99.8%	99.8%	99.8%	0.0%
Hourly average	2,876	2,851	2,737	2,586	2,564	2,727	2,810	2,732	2,605	2,831	2,694	2,860	2,238	2,929	2,550

NOVEMBER 2015																		
CNBE Daily Reports Summary Data	Daylight Savings																	
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday
	11/1/2015	11/2/2015	11/3/2015	11/4/2015	11/5/2015	11/6/2015	11/7/2015	11/8/2015	11/9/2015	11/10/2015	11/11/2015	11/12/2015	11/13/2015	11/14/2015	11/15/2015	11/16/2015	11/17/2015
LFG and Biogas Flow to the Engines (KSCF)	1,534	1,351	1,393	1,453	1,414	1,379	1,459	1,447	1,380	1,398	1,494	1,485	1,482	1,462	1,522	1,525	1,475
LFG and Biogas Flow to the Engines (MMBTU	819	728	745	778	769	757	796	773	738	771	824	816	813	798	828	828	790
LFG and Biogas Flow to the Flare (KSCF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and BiogasFlow to the Flare (MMBTU HH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and Biogas Total Flow (KSCF)	1,534	1,351	1,393	1,453	1,414	1,379	1,459	1,447	1,380	1,398	1,494	1,485	1,482	1,462	1,522	1,525	1,475
LFG and Biogas Total Flow (MMBTU HHV)	819	728	745	778	769	757	796	773	738	771	824	816	813	798	828	828	790
Average Methane Content (%)	52.7	53.2	52.9	52.9	53.8	54.3	53.9	52.8	52.9	54.5	54.5	54.3	54.2	53.9	53.7	53.6	52.9
Engine 1 Hours	25	24	24	24	24	24	24	24	24	24	24	24	23	24	24	24	24
Engine 2 Hours	25	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Engine 3 Hours	25	24	24	24	24	24	23	24	23	16	24	23	24	24	24	24	24
Engine 4 Hours	25	24	24	24	24	24	23	24	24	24	24	24	24	24	24	24	24
Generator 1 Power Output (kWhr)	16,338	14,636	15,886	15,326	15,326	15,622	16,530	15,710	15,846	18,012	17,174	17,754	16,946	17,164	17,696	17,322	15,506
Generator 2 Power Output (kWhr)	15,658	14,884	15,112	16,020	16,020	16,154	16,782	16,472	16,308	18,184	17,524	16,564	16,654	17,216	17,478	17,568	16,496
Generator 3 Power Output (kWhr)	17,456	16,064	16,764	16,812	16,812	16,766	16,756	16,754	16,002	10,360	16,766	15,640	16,760	16,762	16,758	16,762	16,280
Generator 4 Power Output (kWhr)	15,606	15,254	14,984	15,918	15,918	16,588	16,748	15,736	16,112	18,344	18,596	18,326	18,106	17,194	16,750	16,754	16,484
Gross Power Output (kWhr)	65,058	60,805	62,730	64,056	64,056	65,107	66,804	64,737	64,259	64,899	70,037	68,275	68,456	68,322	68,673	68,392	64,744
Net Power Output (kWhr)	63,712	58,944	60,832	62,144	62,134	63,188	64,896	62,680	62,248	63,080	68,128	66,328	66,504	66,400	66,752	66,368	62,776
Power Sold as metered by NStar, (kWhr)	63,580	58,816	60,695	62,011	63,029	61,684	64,729	62,544	62,130	62,896	67,967	66,176	66,326	66,260	66,610	66,223	62,690
Offgrid RECs (kWhr)	1,861	1,861	1,898	1,912	1,922	1,919	1,908	2,057	2,010	1,819	1,910	1,947	1,952	1,922	1,920	2,024	1,968
Calculated Performance Results																	
Daily																	
Power output (kW average when running)																	
Generator 1	654	610	662	639	639	651	689	655	660	751	716	740	737	715	737	722	646
Generator 2	626	620	630	668	668	673	699	686	680	758	730	690	694	717	728	732	687
Generator 3	698	669	699	701	701	699	729	698	696	648	699	680	698	698	698	698	678
Generator 4	624	636	624	663	663	691	728	656	671	764	775	764	754	716	698	698	687
Power output (kW average over 24-hrs)																	
Facility Gross	2,602	2,534	2,614	2,669	2,669	2,713	2,784	2,697	2,677	2,704	2,918	2,845	2,852	2,847	2,861	2,850	2,698
Facility Net	2,548	2,456	2,535	2,589	2,589	2,633	2,704	2,612	2,594	2,628	2,839	2,764	2,771	2,767	2,781	2,765	2,616
In-plant load	54	78	79	80	80	80	80	86	84	76	80	81	81	80	80	84	82
Daily availability factor																	
Facility	100%	100%	100%	100%	100%	100%	98%	100%	99%	92%	100%	99%	99%	100%	100%	100%	100%
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	100%
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 3	100%	100%	100%	100%	100%	100%	96%	100%	96%	67%	100%	96%	100%	100%	100%	100%	100%
Engine 4	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Daily capacity factor																	
Facility	79%	77%	79%	81%	81%	82%	84%	82%	81%	82%	88%	86%	86%	86%	87%	86%	82%
Engine 1	79%	74%	80%	77%	77%	79%	83%	79%	80%	91%	87%	90%	89%	87%	89%	87%	78%
Engine 2	76%	75%	76%	81%	81%	82%	85%	83%	82%	92%	89%	84%	84%	87%	88%	89%	83%
Engine 3	85%	81%	85%	85%	85%	85%	88%	85%	84%	78%	85%	82%	85%	85%	85%	85%	82%
Engine 4	76%	77%	76%	80%	80%	84%	88%	79%	81%	93%	94%	93%	91%	87%	85%	85%	83%
Cumulative by engine																	
Engine operating run hours in the month																	
Max Cumulative Available, hours	25	49	73	97	121	145	169	193	217	241	265	289	313	337	361	385	409
Engine 1	25	49	73	97	121	145	169	193	217	241	265	289	312	336	360	384	408
Engine 2	25	49	73	97	121	145	169	193	217	241	265	289	313	337	361	385	409
Engine 3	25	49	73	97	121	145	168	192	215	231	255	278	302	326	350	374	398
Engine 4	25	49	73	97	121	145	168	192	216	240	264	288	312	336	360	384	408
Engine operating run hours total from 0 hours																	
Engine 1	79,045	79,070	79,094	79,118	79,142	79,166	79,190	79,214	79,238	79,262	79,286	79,310	79,334	79,357	79,381	79,405	79,429	79,453
Engine 2	75,454	75,479	75,503	75,527	75,551	75,575	75,599	75,623	75,647	75,671	75,695	75,719	75,743	75,767	75,791	75,815	75,839	75,863
Engine 3	78,184	78,209	78,233	78,257	78,281	78,305	78,329	78,352	78,376	78,399	78,415	78,439	78,462	78,486	78,510	78,534	78,558	78,582
Engine 4	74,801	74,826	74,850	74,874	74,898	74,922	74,946	74,969	74,993	75,017	75,041	75,065	75,089	75,113	75,137	75,161	75,185	75,209
Cumulative availability, %	November 1, 2015 @ 00:00 hours																	
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 3	100%	100%	100%	100%	100%	100%	99%	99%	99%	96%	96%	96%	96%	97%	97%	97%	97%	97%
Engine 4	100%	100%	100%	100%	100%	100%	99%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine cumulative gross output, kWhr																		
Max cumulative capacity one engine	825	1,650	2,475	3,300	4,125	4,950	5,775	6,600	7,425	8,250	9,075	9,900	10,725	11,550	12,375	13,200	14,025
Engine 1	654	1,263	1,925	2,564	3,202	3,853	4,542	5,197	5,857	6,607	7,323	8,063	8,800	9,515	10,252	10,974	11,620
Engine 2	626	1,246	1,876	2,544	3,211	3,884	4,583	5,270	5,949	6,707	7,437	8,127	8,821	9,539	10,267	10,999	11,686
Engine 3	698	1,368	2,066	2,767	3,467	4,166	4,894	5,592	6,288	6,936	7,634	8,314	9,012	9,711	10,409	11,108	11,786
Engine 4	624	1,260	1,884	2,547	3,211	3,902	4,630	5,286	5,957	6,721	7,496	8,260	9,014	9,731	10,428	11,127	11,813
Cumulative capacity factor, %																	
Engine 1	79%	77%	78%	78%	78%	78%	79%	79%	79%	80%	81%	81%	82%	82%	83%	83%	83%
Engine 2	76%	76%	76%	77%	78%	78%	79%	80%	80%	81%	82%	82%	82%	83%	83%	83%	83%
Engine 3	85%	83%	83%	84%	84%	84%	85%	85%	85%	84%	84%	84%	84%	84%	84%	84%	84%
Engine 4	76%	76%	76%	77%	78%	79%	80%	80%	80%	81%	83%	83%	84%	84%	84%	84%	84%

NOVEMBER 2015

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday
	11/1/2015	11/2/2015	11/3/2015	11/4/2015	11/5/2015	11/6/2015	11/7/2015	11/8/2015	11/9/2015	11/10/2015	11/11/2015	11/12/2015	11/13/2015	11/14/2015	11/15/2015	11/16/2015	11/17/2015
Cumulative by Facility in month																	
Max cumulative available engine run hours	96	192	288	384	480	576	672	768	864	960	1,056	1,152	1,248	1,344	1,440	1,536	1,632
Actual cumulative engine run hours	100	196	292	388	484	580	674	770	865	953	1,049	1,144	1,239	1,335	1,431	1,527	1,623
Cumulative Availability, %	104.2%	102.1%	101.4%	101.0%	100.8%	100.7%	100.3%	100.3%	100.1%	99.3%	99.3%	99.3%	99.3%	99.3%	99.4%	99.4%	99.4%
Max cumulative gross output, kWhr	79,200	158,400	237,600	316,800	396,000	475,200	554,400	633,600	712,800	792,000	871,200	950,400	1,029,600	1,108,800	1,188,000	1,267,200	1,346,400
Actual cumulative gross output, kWhr	65,058	125,863	188,593	252,649	316,705	381,812	448,616	513,353	577,612	642,511	712,548	780,823	849,279	917,601	986,274	1,054,666	1,119,410
Cumulative Capacity Factor	82.1%	79.5%	79.4%	79.8%	80.0%	80.3%	80.9%	81.0%	81.0%	81.1%	81.8%	82.2%	82.5%	82.8%	83.0%	83.2%	83.1%
Cumulative fuel input, MMBtu HHV	819	1,546	2,292	3,070	3,839	4,596	5,393	6,165	6,903	7,674	8,498	9,314	10,127	10,925	11,753	12,580	13,370
Cumulative gross output, kWhr	65,058	125,863	188,593	252,649	316,705	381,812	448,616	513,353	577,612	642,511	712,548	780,823	849,279	917,601	986,274	1,054,666	1,119,410
Heat Rate																	
Daily heat rate, Btu/kWe gross LHV	11,328	10,773	10,697	10,932	10,811	10,471	10,730	10,743	10,341	10,689	10,587	10,763	10,695	10,510	10,849	10,896	10,983
Daily heat rate, Btu/kWe gross HHV	12,584	11,968	11,883	12,144	12,010	11,632	11,920	11,934	11,488	11,874	11,761	11,956	11,881	11,676	12,051	12,104	12,200
Cumulative heat rate, Btu/kWe gross LHV	11,328	11,060	10,939	10,937	10,912	10,837	10,821	10,811	10,759	10,752	10,736	10,738	10,734	10,718	10,727	10,738	10,752
Cumulative heat rate, Btu/kWe gross HHV	12,584	12,286	12,152	12,150	12,122	12,038	12,021	12,010	11,952	11,944	11,926	11,928	11,925	11,906	11,916	11,928	11,944
Cumulative by Facility starting Calendar Year																	
Max cumulative available engine run hours	28,700	28,796	28,892	28,988	29,084	29,180	29,276	29,372	29,468	29,564	29,660	29,756	29,852	29,948	30,044	30,140	30,236
Actual cumulative engine run hours	23,390	23,486	23,582	23,678	23,774	23,870	23,964	24,060	24,155	24,243	24,339	24,434	24,529	24,625	24,721	24,817	24,913
Cumulative Availability, %	81.5%	81.6%	81.6%	81.7%	81.7%	81.8%	81.9%	81.9%	82.0%	82.0%	82.1%	82.1%	82.2%	82.2%	82.3%	82.3%	82.4%
Max cumulative gross output, kWhr	23,677,500	23,756,700	23,835,900	23,915,100	23,994,300	24,073,500	24,152,700	24,231,900	24,311,100	24,390,300	24,469,500	24,548,700	24,627,900	24,707,100	24,786,300	24,865,500	24,944,700
Actual cumulative gross output, kWhr	17,770,075	17,830,880	17,893,610	17,957,666	18,021,722	18,086,829	18,153,633	18,218,370	18,282,629	18,347,528	18,417,565	18,485,840	18,554,296	18,622,618	18,691,291	18,759,683	18,824,427
Cumulative Capacity Factor	75.1%	75.1%	75.1%	75.1%	75.1%	75.1%	75.2%	75.2%	75.2%	75.2%	75.3%	75.3%	75.3%	75.4%	75.4%	75.4%	75.5%
Cumulative fuel input, MMBtu HHV	222,572	223,300	224,045	224,823	225,593	226,350	227,146	227,919	228,657	229,428	230,251	231,068	231,881	232,679	233,506	234,334	235,124
Cumulative gross output, kWhr	17,770,075	17,830,880	17,893,610	17,957,666	18,021,722	18,086,829	18,153,633	18,218,370	18,282,629	18,347,528	18,417,565	18,485,840	18,554,296	18,622,618	18,691,291	18,759,683	18,824,427
Cumulative heat rate, Btu/kWe gross LHV	11,275	11,273	11,271	11,270	11,269	11,266	11,264	11,262	11,259	11,257	11,254	11,252	11,250	11,247	11,246	11,245	11,244
Cumulative heat rate, Btu/kWe gross HHV	12,525	12,523	12,521	12,520	12,518	12,515	12,512	12,510	12,507	12,505	12,502	12,500	12,497	12,494	12,493	12,491	12,490
Service																	
Engine 1																	
Engine 2																	
Engine 3																	
Engine 4																	
Oil - oil and filter change			Pump failure on District New Horizontal well														
Service - plugs, air filter, valve inspection and adjustment			District replaced.										Tour				
Precipitation																	
NSTAR Power Reports	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday
Date	11/1/2015	11/2/2015	11/3/2015	11/4/2015	11/5/2015	11/6/2015	11/7/2015	11/8/2015	11/9/2015	11/10/2015	11/11/2015	11/12/2015	11/13/2015	11/14/2015	11/15/2015	11/16/2015	11/17/2015
Hour																	
1	2,564	2,489	2,491	2,562	2,636	2,563	2,705	2,702	2,628	2,322	2,858	2,828	2,779	2,804	2,755	2,804	2,707
2	2,562	2,485	2,485	2,499	2,633	2,558	2,701	2,692	2,623	2,318	2,852	2,826	2,775	2,800	2,751	2,799	2,699
3	2,558	2,490	2,491	2,492	2,638	2,494	2,706	2,630	2,627	2,416	2,859	2,832	2,780	2,806	2,757	2,805	2,706
4	2,563	2,489	2,490	2,491	2,637	2,492	2,706	2,628	2,627	2,483	2,857	2,827	2,780	2,804	2,790	2,804	2,708
5	2,563	2,485	2,485	2,488	2,633	2,488	2,700	2,623	2,625	2,419	2,854	2,822	2,776	2,799	2,800	2,796	2,702
6	2,558	2,489	2,489	2,492	2,639	2,530	2,705	2,628	2,631	2,421	2,859	2,809	2,780	2,805	2,804	2,801	2,709
7	2,564	2,490	2,489	2,493	2,638	2,565	2,705	2,629	2,601	2,419	2,858	2,756	2,766	2,808	2,805	2,800	2,708
8	2,563	2,484	2,486	2,489	2,666	2,560	2,695	2,610	2,556	2,413	2,853	2,646	2,697	2,803	2,743	2,739	2,703
9	2,561	2,489	2,485	2,490	2,632	2,565	2,634	2,559	2,554	2,415	2,813	2,619	2,698	2,795	2,709	2,695	2,704
10	2,565	2,478	2,479	2,481	2,622	2,557	2,631	2,559	2,553	2,615	2,829	2,406	2,745	2,709	2,709	2,692	2,611
11	2,560	2,474	2,589	2,547	2,620	2,758	2,679	2,503	2,615	2,599	2,857	2,759	2,280	2,694	2,720	2,692	2,510
12	2,549	2,481	2,540	2,686	2,624	2,203	2,696	2,510	2,657	2,198	2,897	2,758	2,477	2,698	2,750	2,779	2,488
13	2,556	2,353	2,532	2,718	2,622	1,959	2,706	2,620	2,787	2,564	2,899	2,753	2,643	2,708	2,750	2,790	2,649
14	2,560	678	2,548	2,701	2,618	2,780	2,702	2,616	2,776	2,750	2,893	2,771	2,971	2,706	2,753	2,786	2,647
15	2,554	2,603	2,551	2,674	2,559	2,758	2,707	2,630	2,705	2,847	2,897	2,774	2,919	2,733	2,789	2,798	2,655
16	2,561	2,704	2,560	2,630	2,545	2,543	2,708	2,632	2,627	2,852	2,829	2,776	2,861	2,758	2,806	2,800	2,656
17	2,560	2,636	2,561	2,628	2,573	2,477	2,703	2,625	2,601	2,853	2,824	2,772	2,849	2,752	2,802	2,796	2,545
18	2,556	2,637	2,566	2,637	2,636	2,625	2,708	2,627	2,561	2,858	2,826	2,780	2,856	2,756	2,806	2,757	2,517
19	2,561	2,581	2,564	2,636	2,635	2,701	2,707	2,604	2,559	2,857	2,759	2,779	2,854	2,755	2,804	2,757	2,516
20	2,503	2,559	2,560	2,632	2,631	2,698	2,702	2,554	2,554	2,852	2,754	2,774	2,825	2,749	2,798	2,708	2,509
21	2,485	2,563	2,565	2,637	2,637	2,703	2,706	2,561	2,561	2,857	2,759	2,779	2,808	2,757	2,804	2,707	2,516
22	2,490	2,562	2,564	2,637	2,636	2,702	2,706	2,559	2,559	2,858	2,758	2,778	2,804	2,755	2,803	2,708	2,513
23	2,489	2,558	2,560	2,632	2,632	2,699	2,703	2,614	2,530	2,853	2,754	2,773	2,799	2,751	2,799	2,702	2,503
24	2,485	2,559	2,565	2,639	2,687	2,706	2,708	2,629	2,013	2,857	2,769	2,779	2,804	2,755	2,803	2,708	2,509
	2,490		-			-											
TOTAL	63,580	58,816	60,695	62,011	63,029	61,684	64,729	62,544	62,130	62,896	67,967	66,176	66,326	66,260	66,610	66,223	62,690
Cumulative Output Sold, kWhr	63,580	122,396	183,091	245,102	308,131	369,815	434,544	497,088	559,218	622,114	690,081	756,257	822,583	888,843	955,453	1,021,676	1,084,366
Transformer and line efficiency	99.8%	99.8%	99.8%	99.8%	101.4%	97.6%	99.7%	99.8%	99.8%	99.7%	99.8%	99.8%	99.7%	99.8%	99.8%	99.8%	99.9%
Hourly average	2,649	2,451	2,529	2,584	2,626	2,570	2,697	2,606	2,589	2,621	2,832	2,757	2,764	2,761	2,775	2,759	2,612

NOVEMBER 2015																
CNBE Daily Reports Summary Dat																
	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday			
	11/18/2015	11/19/2015	11/20/2015	11/21/2015	11/22/2015	11/23/2015	11/24/2015	11/25/2015	11/26/2015	11/27/2015	11/28/2015	11/29/2015	11/30/2015	TOTAL	Biogas	LFG
LFG and Biogas Flow to the Engine	1,460	1,473	1,391	1,425	1,481	1,480	1,478	1,478	1,416	1,489	1,353	983	995	42,554	3,393	39,162
LFG and Biogas Flow to the Engine	787	806	772	794	826	827	806	796	759	805	741	556	560	23,204	2,373	20,831
LFG and Biogas Flow to the Flare (	-	-	-	-	-	-	-	-	-	-	-	432	432	864	10.2%	90%
LFG and BiogasFlow to the Flare (I	-	-	-	-	-	-	-	-	-	-	-	244	243	487		
LFG and Biogas Total Flow (KSCF	1,460	1,473	1,391	1,425	1,481	1,480	1,478	1,478	1,416	1,489	1,353	1,415	1,427	43,418		
LFG and Biogas Total Flow (MMBT	787	806	772	794	826	827	806	796	759	805	741	800	803	23,691		
Average Methane Content (%)	53.2	54.1	54.8	55.1	55.1	55.2	53.9	53.2	53.0	53.4	54.1	55.8	55.6	53.9		
Engine 1 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	720		
Engine 2 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	721		
Engine 3 Hours	24	24	24	20	24	24	24	24	24	24	18	-	-	652		
Engine 4 Hours	24	24	24	24	24	24	24	24	24	24	18	-	-	666		
Generator 1 Power Output (kWhr)	15,554	16,232	16,354	16,698	16,698	16,702	16,700	15,982	15,522	16,178	16,998	19,336	19,640	497,388		
Generator 2 Power Output (kWhr)	16,414	16,780	17,306	17,828	17,974	17,974	16,810	16,770	16,784	16,784	17,084	19,424	19,734	508,760		
Generator 3 Power Output (kWhr)	16,134	16,762	16,760	13,290	16,764	16,764	16,764	16,766	16,764	16,768	12,250	-	-	452,060		
Generator 4 Power Output (kWhr)	16,350	16,752	17,110	17,698	17,110	17,680	16,982	16,432	15,750	16,750	12,092	-	-	464,124		
Gross Power Output (kWhr)	64,437	66,510	67,512	65,514	68,548	69,118	67,240	65,938	64,818	66,477	58,400	38,727	39,335	1,921,984		
Net Power Output (kWhr)	62,472	64,600	65,608	63,664	66,656	67,120	65,134	63,776	62,824	64,544	56,536	37,096	37,824	1,864,968		
Power Sold as metered by NStar, (	62,364	64,452	65,460	63,532	66,513	66,997	65,048	63,675	62,690	64,380	56,484	37,105	37,839	1,860,905	CRMCB inplant	
Offgrid RECs (kWhr)	1,965	1,910	1,904	1,850	1,892	1,998	2,106	2,162	1,994	1,933	1,864	1,631	1,511	57,530	10,233	
Calculated Performance Results															18%	
Daily															of total in-plant	
Power output (kW average whe															power	
Generator 1	648	676	681	696	696	696	696	666	647	674	708	806	818			
Generator 2	684	699	721	743	749	749	700	699	699	699	712	809	822			
Generator 3	672	698	698	665	699	699	699	699	699	699	681	-	-			
Generator 4	681	698	713	737	713	737	708	685	656	698	672	-	-			
Power output (kW average ove																
Facility Gross	2,685	2,771	2,813	2,730	2,856	2,880	2,802	2,747	2,701	2,770	2,433	1,614	1,639			
Facility Net	2,603	2,692	2,734	2,653	2,777	2,797	2,714	2,657	2,618	2,689	2,356	1,546	1,576			
In-plant load	82	80	79	77	79	83	88	90	83	81	78	68	63			
Daily availability factor																
Facility	100%	100%	100%	96%	100%	100%	100%	100%	100%	100%	88%	50%	50%			
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%			
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%			
Engine 3	100%	100%	100%	83%	100%	100%	100%	100%	100%	100%	75%	0%	0%			
Engine 4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	0%	0%			
Daily capacity factor																
Facility	81%	84%	85%	83%	87%	87%	85%	83%	82%	84%	74%	49%	50%			
Engine 1	79%	82%	83%	84%	84%	84%	84%	81%	78%	82%	86%	98%	99%			
Engine 2	83%	85%	87%	90%	91%	91%	85%	85%	85%	85%	86%	98%	100%			
Engine 3	81%	85%	85%	81%	85%	85%	85%	85%	85%	85%	82%	0%	0%			
Engine 4	83%	85%	86%	89%	86%	89%	86%	83%	80%	85%	81%	0%	0%			
Cumulative by engine																
Engine operating run hours in t																
Max Cumulative Available,	433	457	481	505	529	553	577	601	625	649	673	697	721			
Engine 1	432	456	480	504	528	552	576	600	624	648	672	696	720			
Engine 2	433	457	481	505	529	553	577	601	625	649	673	697	721			
Engine 3	422	446	470	490	514	538	562	586	610	634	652	652	652			
Engine 4	432	456	480	504	528	552	576	600	624	648	666	666	666			
Engine operating run hours tota																
Engine 1	79,477	79,501	79,525	79,549	79,573	79,597	79,621	79,645	79,669	79,693	79,717	79,741	79,765			
Engine 2	75,887	75,911	75,935	75,959	75,983	76,007	76,031	76,055	76,079	76,103	76,127	76,151	76,175			
Engine 3	78,606	78,630	78,654	78,674	78,698	78,722	78,746	78,770	78,794	78,818	78,836	78,836	78,836			
Engine 4	75,233	75,257	75,281	75,305	75,329	75,353	75,377	75,401	75,425	75,449	75,467	75,467	75,467			
Cumulative availability, %																
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%			
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%			
Engine 3	97%	98%	98%	97%	97%	97%	97%	98%	98%	98%	97%	94%	90%			
Engine 4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	96%	92%			
Engine cumulative gross outpu																
Max cumulative capacity or	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	12,268	12,944	13,626	14,321	15,017	15,713	16,409	17,075	17,722	18,396	19,104	19,910	20,728			
Engine 2	12,370	13,069	13,790	14,533	15,282	16,031	16,731	17,430	18,129	18,829	19,541	20,350	21,172			
Engine 3	12,458	13,157	13,855	14,519	15,218	15,916	16,615	17,313	18,012	18,711	19,391	19,391	19,391			
Engine 4	12,495	13,193	13,906	14,643	15,356	16,093	16,800	17,485	18,141	18,839	19,511	19,511	19,511			
Cumulative capacity factor, %																
Engine 1	83%	83%	83%	83%	83%	83%	83%	83%	83%	83%	83%	83%	84%			
Engine 2	83%	83%	84%	84%	84%	84%	85%	85%	85%	85%	85%	85%	86%			
Engine 3	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	81%	78%			
Engine 4	84%	84%	84%	85%	85%	85%	85%	85%	85%	85%	84%	82%	79%			

	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday			
	11/18/2015	11/19/2015	11/20/2015	11/21/2015	11/22/2015	11/23/2015	11/24/2015	11/25/2015	11/26/2015	11/27/2015	11/28/2015	11/29/2015	11/30/2015	TOTAL	Biogas	LFG
Cumulative by Facility in month																
Max cumulative available engi	1,728	1,824	1,920	2,016	2,112	2,208	2,304	2,400	2,496	2,592	2,688	2,784	2,880			
Actual cumulative engine run h	1,719	1,815	1,911	2,003	2,099	2,195	2,291	2,387	2,483	2,579	2,663	2,711	2,759			
Cumulative Availability, %	99.5%	99.5%	99.5%	99.4%	99.4%	99.4%	99.4%	99.5%	99.5%	99.5%	99.1%	97.4%	95.8%			
Max cumulative gross output, k	1,425,600	1,504,800	1,584,000	1,663,200	1,742,400	1,821,600	1,900,800	1,980,000	2,059,200	2,138,400	2,217,600	2,296,800	2,376,000			
Actual cumulative gross output	1,183,847	1,250,357	1,317,869	1,383,383	1,451,931	1,521,049	1,588,289	1,654,227	1,719,045	1,785,522	1,843,922	1,882,649	1,921,984			
Cumulative Capacity Factor	83.0%	83.1%	83.2%	83.2%	83.3%	83.5%	83.6%	83.5%	83.5%	83.5%	83.1%	82.0%	80.9%			
Cumulative fuel input, MMBtu H	14,157	14,963	15,735	16,529	17,355	18,182	18,989	19,784	20,543	21,348	22,088	22,644	23,204			
Cumulative gross output, kWhr	1,183,847	1,250,357	1,317,869	1,383,383	1,451,931	1,521,049	1,588,289	1,654,227	1,719,045	1,785,522	1,843,922	1,882,649	1,921,984			
Heat Rate																
Daily heat rate, Btu/kWe gross	10,993	10,908	10,291	10,910	10,846	10,776	10,795	10,860	10,537	10,898	11,419	12,912	12,814			
Daily heat rate, Btu/kWe gross	12,212	12,117	11,432	12,120	12,048	11,971	11,991	12,064	11,705	12,106	12,685	14,344	14,234			
Cumulative heat rate, Btu/kWe	10,765	10,773	10,748	10,756	10,760	10,761	10,762	10,766	10,757	10,763	10,783	10,827	10,868			
Cumulative heat rate, Btu/kWe	11,959	11,967	11,940	11,948	11,953	11,954	11,955	11,960	11,950	11,956	11,979	12,028	12,073			
Cumulative by Facility starting C																
Max cumulative available engi	30,332	30,428	30,524	30,620	30,716	30,812	30,908	31,004	31,100	31,196	31,292	31,388	31,484			
Actual cumulative engine run h	25,009	25,105	25,201	25,293	25,389	25,485	25,581	25,677	25,773	25,869	25,953	26,001	26,049			
Cumulative Availability, %	82.5%	82.5%	82.6%	82.6%	82.7%	82.7%	82.8%	82.8%	82.9%	82.9%	82.9%	82.8%	82.7%			
Max cumulative gross output, k	25,023,900	25,103,100	25,182,300	25,261,500	25,340,700	25,419,900	25,499,100	25,578,300	25,657,500	25,736,700	25,815,900	25,895,100	25,974,300			
Actual cumulative gross output	18,888,864	18,955,374	19,022,886	19,088,400	19,156,948	19,226,066	19,293,306	19,359,244	19,424,062	19,490,539	19,548,939	19,587,666	19,627,001			
Cumulative Capacity Factor	75.5%	75.5%	75.5%	75.6%	75.6%	75.6%	75.7%	75.7%	75.7%	75.7%	75.7%	75.6%	75.6%			
Cumulative fuel input, MMBtu H	235,911	236,717	237,489	238,283	239,108	239,936	240,742	241,538	242,296	243,101	243,842	244,397	244,957			
Cumulative gross output, kWhr	18,888,864	18,955,374	19,022,886	19,088,400	19,156,948	19,226,066	19,293,306	19,359,244	19,424,062	19,490,539	19,548,939	19,587,666	19,627,001			
Cumulative heat rate, Btu/kWe	11,243	11,242	11,238	11,237	11,236	11,234	11,233	11,231	11,229	11,228	11,229	11,232	11,235			
Cumulative heat rate, Btu/kWe	12,489	12,488	12,484	12,483	12,482	12,480	12,478	12,477	12,474	12,473	12,473	12,477	12,481			
Service																
Engine 1																
Engine 2																
Engine 3											ShutDown					
Engine 4											ShutDown					
Oil - oil and filter change											Digestate in Combustion Air					
Service - plugs, air filter, valve insp																
Precipitation																

NSTAR Power Reports	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday			
Date	11/18/2015	11/19/2015	11/20/2015	11/21/2015	11/22/2015	11/23/2015	11/24/2015	11/25/2015	11/26/2015	11/27/2015	11/28/2015	11/29/2015	11/30/2015	TOTAL		
Hour																
1	2,510	2,690	2,662	2,758	2,806	2,810	2,733	2,697	2,602	2,655	2,704	1,525	1,570			
2	2,508	2,704	2,657	2,254	2,800	2,803	2,702	2,692	2,596	2,649	2,698	1,518	1,566			
3	2,514	2,709	2,663	2,375	2,805	2,807	2,707	2,696	2,601	2,656	2,705	1,526	1,571			
4	2,515	2,709	2,663	2,767	2,805	2,806	2,707	2,698	2,602	2,655	2,705	1,525	1,571			
5	2,506	2,704	2,658	2,798	2,770	2,799	2,700	2,689	2,595	2,649	2,698	1,518	1,565			
6	2,509	2,710	2,663	2,806	2,757	2,806	2,707	2,696	2,604	2,655	2,705	1,524	1,570			
7	2,509	2,710	2,695	2,807	2,759	2,808	2,705	2,696	2,603	2,656	2,705	1,524	1,571			
8	2,503	2,700	2,706	2,802	2,754	2,796	2,698	2,690	2,601	2,650	2,700	1,519	1,567			
9	2,511	2,700	2,709	2,800	2,760	2,798	2,705	2,694	2,609	2,659	2,706	1,525	1,575			
10	2,509	2,698	2,700	2,735	2,760	2,796	2,696	2,635	2,608	2,661	2,706	1,526	1,584			
11	2,456	2,693	2,685	2,693	2,749	2,756	2,690	2,644	2,604	2,671	2,701	1,522	1,577			
12	2,508	2,703	2,701	2,708	2,755	2,754	2,703	2,656	2,610	2,709	2,703	1,525	1,585			
13	2,574	2,701	2,705	2,360	2,754	2,805	2,704	2,656	2,611	2,707	2,700	1,551	1,580			
14	2,775	2,695	2,755	2,126	2,756	2,798	2,741	2,650	2,604	2,703	2,699	1,571	1,578			
15	2,781	2,695	2,803	2,131	2,761	2,803	2,754	2,654	2,609	2,709	2,708	1,579	1,583			
16	2,760	2,656	2,780	2,308	2,761	2,804	2,748	2,653	2,610	2,708	2,709	1,578	1,583			
17	2,749	2,653	2,790	2,671	2,753	2,799	2,742	2,647	2,601	2,701	2,699	1,569	1,577			
18	2,712	2,663	2,807	2,809	2,759	2,806	2,729	2,635	2,609	2,707	1,986	1,572	1,580			
19	2,660	2,660	2,808	2,809	2,760	2,805	2,698	2,602	2,608	2,706	1,340	1,571	1,578			
20	2,655	2,656	2,798	2,801	2,755	2,799	2,693	2,595	2,602	2,699	1,329	1,565	1,574			
21	2,661	2,662	2,788	2,805	2,762	2,777	2,698	2,601	2,639	2,706	1,330	1,569	1,585			
22	2,661	2,662	2,757	2,803	2,801	2,758	2,697	2,602	2,657	2,705	1,518	1,570	1,584			
23	2,656	2,656	2,750	2,800	2,803	2,751	2,693	2,597	2,650	2,699	1,512	1,564	1,580			
24	2,662	2,663	2,757	2,806	2,808	2,753	2,698	2,600	2,655	2,705	1,518	1,569	1,585			
TOTAL	62,364	64,452	65,460	63,532	66,513	66,997	65,048	63,675	62,690	64,380	56,484	37,105	37,839			
Cumulative Output Sold, kV	1,146,730	1,211,182	1,276,642	1,340,174	1,406,687	1,473,684	1,538,732	1,602,407	1,665,097	1,729,477	1,785,961	1,823,066	1,860,905			
Transformer and line efficien	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.9%	99.8%	99.8%	99.7%	99.9%	100.0%	100.0%	0.0%		
Hourly average	2,599	2,686	2,728	2,647	2,771	2,792	2,710	2,653	2,612	2,683	2,354	1,546	1,577	2,585		

OCTOBER 2015																		
CNBE Daily Reports Summary Data																		
	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	10/1/2015	10/2/2015	10/3/2015	10/4/2015	10/5/2015	10/6/2015	10/7/2015	10/8/2015	10/9/2015	10/10/2015	10/11/2015	10/12/2015	10/13/2015	10/14/2015	10/15/2015	10/16/2015	10/17/2015
LFG and Biogas Flow to the Engines (KSCF)	1,445	1,537	1,504	1,560	1,546	1,552	1,564	1,478	1,629	1,634	1,621	1,602	1,539	1,496	1,449	1,537	1,550
LFG and Biogas Flow to the Engines (MMBTU	783	816	803	823	831	834	826	783	855	825	824	823	818	783	757	797	795
LFG and Biogas Flow to the Flare (KSCF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and BiogasFlow to the Flare (MMBTU HH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LFG and Biogas Total Flow (KSCF)	1,445	1,537	1,504	1,560	1,546	1,552	1,564	1,478	1,629	1,634	1,621	1,602	1,539	1,496	1,449	1,537	1,550
LFG and Biogas Total Flow (MMBTU HHV)	783	816	803	823	831	834	826	783	855	825	824	823	818	783	757	797	795
Average Methane Content (%)	53.5	52.5	52.8	52.2	53.1	53.1	52.2	52.3	51.8	49.9	50.3	50.7	52.5	51.7	51.6	51.2	50.7
Engine 1 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Engine 2 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	22	24	24
Engine 3 Hours	24	24	24	24	23	24	24	24	24	24	24	24	24	24	24	24	24
Engine 4 Hours	14	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Generator 1 Power Output (kWhr)	18,744	16,866	16,984	16,700	17,446	17,080	15,834	16,308	18,248	17,282	17,280	17,280	17,024	15,992	16,080	15,400	15,404
Generator 2 Power Output (kWhr)	19,006	17,974	17,946	16,782	17,520	17,608	17,310	16,958	18,548	17,382	17,380	17,380	17,276	16,272	15,338	15,494	15,496
Generator 3 Power Output (kWhr)	18,884	17,884	17,940	17,948	17,304	17,050	16,746	15,874	16,762	16,760	16,758	16,762	16,760	14,746	15,690	16,760	16,758
Generator 4 Power Output (kWhr)	8,646	15,574	15,580	15,590	15,580	17,184	17,942	16,960	17,584	15,060	15,002	15,004	16,662	16,500	17,374	15,988	15,470
Gross Power Output (kWhr)	65,259	68,293	68,516	67,088	67,839	68,894	67,804	66,056	71,126	66,454	66,385	66,404	67,696	63,492	64,457	63,623	63,087
Net Power Output (kWhr)	63,488	66,336	66,584	65,168	65,928	66,952	65,872	64,176	69,064	64,480	64,424	64,416	65,752	61,600	62,544	61,680	61,192
Power Sold as metered by NStar, (kWhr)	63,341	66,207	66,520	65,052	65,809	66,826	65,782	63,988	68,910	64,373	64,330	64,288	65,615	61,475	62,438	61,587	61,123
Offgrid RECs (kWhr)	1,772	1,958	1,933	1,920	1,911	1,942	1,932	1,880	2,062	1,975	1,961	1,988	1,944	1,891	1,913	1,943	1,896
Calculated Performance Results																	
Daily																	
Power output (kW average when running)																	
Generator 1	781	703	708	696	727	712	660	680	760	720	720	720	709	666	670	642	642
Generator 2	792	749	748	699	730	734	721	707	773	724	724	724	720	678	697	646	646
Generator 3	787	745	748	748	752	710	698	661	698	698	698	698	698	614	654	698	698
Generator 4	618	649	649	650	649	716	748	707	733	628	625	625	694	688	724	666	645
Power output (kW average over 24-hrs)																	
Facility Gross	2,719	2,846	2,855	2,795	2,827	2,871	2,825	2,752	2,964	2,769	2,766	2,767	2,821	2,646	2,686	2,651	2,629
Facility Net	2,645	2,764	2,774	2,715	2,747	2,790	2,745	2,674	2,878	2,687	2,684	2,684	2,740	2,567	2,606	2,570	2,550
In-plant load	74	82	81	80	80	81	81	78	86	82	82	83	81	79	80	81	79
Daily availability factor																	
Facility	90%	100%	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	98%	100%	100%
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	92%	100%	100%
Engine 3	100%	100%	100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 4	58%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Daily capacity factor																	
Facility	82%	86%	87%	85%	86%	87%	86%	83%	90%	84%	84%	84%	85%	80%	81%	80%	80%
Engine 1	95%	85%	86%	84%	88%	86%	80%	82%	92%	87%	87%	87%	86%	81%	81%	78%	78%
Engine 2	96%	91%	91%	85%	88%	89%	87%	86%	94%	88%	88%	88%	87%	82%	85%	78%	78%
Engine 3	95%	90%	91%	91%	91%	86%	85%	80%	85%	85%	85%	85%	85%	74%	79%	85%	85%
Engine 4	75%	79%	79%	79%	79%	87%	91%	86%	89%	76%	76%	76%	84%	83%	88%	81%	78%
Cumulative by engine																	
Engine operating run hours in the month																	
Max Cumulative Available, hours	24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408
Engine 1	24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408
Engine 2	24	48	72	96	120	144	168	192	216	240	264	288	312	336	358	382	406
Engine 3	24	48	72	96	119	143	167	191	215	239	263	287	311	335	359	383	407
Engine 4	14	38	62	86	110	134	158	182	206	230	254	278	302	326	350	374	398
Engine operating run hours total from 0 hours																	
Engine 1 78,302	78,326	78,350	78,374	78,398	78,422	78,446	78,470	78,494	78,518	78,542	78,566	78,590	78,614	78,638	78,662	78,686	78,710
Engine 2 74,711	74,735	74,759	74,783	74,807	74,831	74,855	74,879	74,903	74,927	74,951	74,975	74,999	75,023	75,047	75,069	75,093	75,117
Engine 3 77,449	77,473	77,497	77,521	77,545	77,568	77,592	77,616	77,640	77,664	77,688	77,712	77,736	77,760	77,784	77,808	77,832	77,856
Engine 4 74,066	74,080	74,104	74,128	74,152	74,176	74,200	74,224	74,248	74,272	74,296	74,320	74,344	74,368	74,392	74,416	74,440	74,464
Cumulative availability, % October 1, 2015 @ 00:00 hours																	
Engine 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	99%	100%
Engine 3	100%	100%	100%	100%	99%	99%	99%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Engine 4	58%	79%	86%	90%	92%	93%	94%	95%	95%	96%	96%	97%	97%	97%	97%	97%	98%
Engine cumulative gross output, kWhr																	
Max cumulative capacity one engine	825	1,650	2,475	3,300	4,125	4,950	5,775	6,600	7,425	8,250	9,075	9,900	10,725	11,550	12,375	13,200	14,025
Engine 1	781	1,484	2,191	2,887	3,614	4,326	4,986	5,665	6,425	7,146	7,866	8,586	9,295	9,961	10,631	11,273	11,915
Engine 2	792	1,541	2,289	2,988	3,718	4,452	5,173	5,879	6,652	7,376	8,101	8,825	9,545	10,223	10,920	11,565	12,211
Engine 3	787	1,532	2,280	3,027	3,780	4,490	5,188	5,849	6,548	7,246	7,944	8,643	9,341	9,955	10,609	11,308	12,006
Engine 4	618	1,266	1,916	2,565	3,214	3,930	4,678	5,385	6,117	6,745	7,370	7,995	8,689	9,377	10,101	10,767	11,411
Cumulative capacity factor, %																	
Engine 1	95%	90%	89%	87%	88%	87%	86%	86%	87%	87%	87%	87%	87%	86%	86%	85%	85%
Engine 2	96%	93%	92%	91%	90%	90%	90%	89%	90%	89%	89%	89%	89%	89%	88%	88%	87%
Engine 3	95%	93%	92%	92%	92%	91%	90%	89%	88%	88%	88%	87%	87%	86%	86%	86%	86%
Engine 4	75%	77%	77%	78%	78%	79%	81%	82%	82%	82%	81%	81%	81%	81%	82%	82%	81%

OCTOBER 2015

	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	10/1/2015	10/2/2015	10/3/2015	10/4/2015	10/5/2015	10/6/2015	10/7/2015	10/8/2015	10/9/2015	10/10/2015	10/11/2015	10/12/2015	10/13/2015	10/14/2015	10/15/2015	10/16/2015	10/17/2015
Cumulative by Facility in month																	
Max cumulative available engine run hours	96	192	288	384	480	576	672	768	864	960	1,056	1,152	1,248	1,344	1,440	1,536	1,632
Actual cumulative engine run hours	86	182	278	374	469	565	661	757	853	949	1,045	1,141	1,237	1,333	1,427	1,523	1,619
Cumulative Availability, %	89.6%	94.8%	96.5%	97.4%	97.7%	98.1%	98.4%	98.6%	98.7%	98.9%	99.0%	99.0%	99.1%	99.2%	99.1%	99.2%	99.2%
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	1,267,200	1,346,400
Actual cumulative gross output, kWhr	65,259	133,552	202,068	269,156	336,995	405,889	473,693	539,749	610,875	677,329	743,714	810,118	877,814	941,306	1,005,763	1,069,386	1,132,473
Cumulative Capacity Factor	82.4%	84.3%	85.0%	85.0%	85.1%	85.4%	85.4%	85.2%	85.7%	85.5%	85.4%	85.2%	85.3%	84.9%	84.7%	84.4%	84.1%
Cumulative fuel input, MMBtu HHV	783	1,599	2,402	3,225	4,056	4,890	5,716	6,499	7,353	8,178	9,002	9,825	10,643	11,426	12,183	12,980	13,776
Cumulative gross output, kWhr	65,259	133,552	202,068	269,156	336,995	405,889	473,693	539,749	610,875	677,329	743,714	810,118	877,814	941,306	1,005,763	1,069,386	1,132,473
Heat Rate																	
Daily heat rate, Btu/kWe gross LHV	10,795	10,757	10,550	11,049	11,020	10,899	10,969	10,666	10,815	11,172	11,179	11,154	10,873	11,106	10,574	11,280	11,347
Daily heat rate, Btu/kWe gross HHV	11,992	11,950	11,720	12,273	12,242	12,107	12,185	11,849	12,014	12,410	12,418	12,391	12,079	12,337	11,746	12,530	12,605
Cumulative heat rate, Btu/kWe gross LHV	10,795	10,776	10,699	10,786	10,834	10,845	10,862	10,838	10,836	10,869	10,896	10,917	10,914	10,927	10,904	10,927	10,950
Cumulative heat rate, Btu/kWe gross HHV	11,992	11,971	11,886	11,982	12,035	12,047	12,067	12,040	12,037	12,074	12,104	12,128	12,124	12,138	12,113	12,138	12,164
Cumulative by Facility starting Calendar Year																	
Max cumulative available engine run hours	25,820	25,916	26,012	26,108	26,204	26,300	26,396	26,492	26,588	26,684	26,780	26,876	26,972	27,068	27,164	27,260	27,356
Actual cumulative engine run hours	20,511	20,607	20,703	20,799	20,894	20,990	21,086	21,182	21,278	21,374	21,470	21,566	21,662	21,758	21,852	21,948	22,044
Cumulative Availability, %	79.4%	79.5%	79.6%	79.7%	79.7%	79.8%	79.9%	80.0%	80.0%	80.1%	80.2%	80.2%	80.3%	80.4%	80.4%	80.5%	80.6%
Max cumulative gross output, kWhr	21,301,500	21,380,700	21,459,900	21,539,100	21,618,300	21,697,500	21,776,700	21,855,900	21,935,100	22,014,300	22,093,500	22,172,700	22,251,900	22,331,100	22,410,300	22,489,500	22,568,700
Actual cumulative gross output, kWhr	15,817,734	15,886,027	15,954,543	16,021,631	16,089,470	16,158,364	16,226,168	16,292,224	16,363,350	16,429,804	16,496,189	16,562,593	16,630,289	16,693,781	16,758,238	16,821,861	16,884,948
Cumulative Capacity Factor	74.3%	74.3%	74.3%	74.4%	74.4%	74.5%	74.5%	74.5%	74.6%	74.6%	74.7%	74.7%	74.7%	74.8%	74.8%	74.8%	74.8%
Cumulative fuel input, MMBtu HHV	198,677	199,493	200,296	201,120	201,950	202,784	203,610	204,393	205,248	206,072	206,897	207,719	208,537	209,320	210,078	210,875	211,670
Cumulative gross output, kWhr	15,817,734	15,886,027	15,954,543	16,021,631	16,089,470	16,158,364	16,226,168	16,292,224	16,363,350	16,429,804	16,496,189	16,562,593	16,630,289	16,693,781	16,758,238	16,821,861	16,884,948
Cumulative heat rate, Btu/kWe gross LHV	11,307	11,304	11,301	11,300	11,299	11,297	11,296	11,293	11,291	11,291	11,290	11,290	11,288	11,287	11,285	11,285	11,285
Cumulative heat rate, Btu/kWe gross HHV	12,560	12,558	12,554	12,553	12,552	12,550	12,548	12,545	12,543	12,543	12,542	12,541	12,540	12,539	12,536	12,536	12,536
Service																	
Engine 1														Oil changes			
Engine 2															Service		
Engine 3																	
Engine 4																	
Oil - oil and filter change								District performs header work									
Service - plugs, air filter, valve inspection and adjustment								Facility turndown.									
Precipitation																	

NSTAR Power Reports	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date	10/1/2015	10/2/2015	10/3/2015	10/4/2015	10/5/2015	10/6/2015	10/7/2015	10/8/2015	10/9/2015	10/10/2015	10/11/2015	10/12/2015	10/13/2015	10/14/2015	10/15/2015	10/16/2015	10/17/2015
Hour																	
1	2,415	2,758	2,763	2,715	2,712	2,811	2,689	2,760	2,858	2,738	2,684	2,683	2,691	2,596	2,551	2,604	2,550
2	2,413	2,757	2,760	2,712	2,709	2,808	2,686	2,758	2,855	2,681	2,680	2,681	2,688	2,594	2,548	2,602	2,547
3	2,412	2,756	2,760	2,712	2,708	2,808	2,685	2,757	2,852	2,680	2,680	2,679	2,688	2,593	2,545	2,600	2,545
4	2,416	2,761	2,764	2,715	2,712	2,811	2,688	2,762	2,855	2,683	2,683	2,683	2,691	2,597	2,550	2,604	2,549
5	2,413	2,758	2,761	2,713	2,710	2,810	2,686	2,763	2,852	2,681	2,682	2,680	2,689	2,595	2,546	2,602	2,547
6	2,413	2,758	2,761	2,712	2,709	2,808	2,684	2,854	2,849	2,680	2,680	2,679	2,688	2,554	2,513	2,600	2,545
7	2,417	2,760	2,764	2,716	2,711	2,812	2,687	2,857	2,853	2,684	2,683	2,683	2,692	2,551	2,502	2,604	2,549
8	2,415	2,754	2,763	2,714	2,708	2,805	2,677	2,849	2,843	2,683	2,680	2,681	2,801	2,539	2,500	2,603	2,549
9	2,412	2,750	2,763	2,711	2,712	2,816	2,676	2,840	2,837	2,679	2,679	2,677	2,957	2,159	2,519	2,597	2,546
10	2,405	2,720	2,767	2,713	2,275	2,824	2,694	2,839	2,836	2,680	2,680	2,673	2,956	2,585	2,595	2,581	2,550
11	2,608	2,787	2,761	2,703	2,746	2,892	2,747	2,833	2,883	2,676	2,678	2,664	2,950	2,581	2,536	2,541	2,546
12	2,920	2,789	2,762	2,697	2,744	2,860	2,741	2,830	2,936	2,675	2,677	2,660	2,912	2,588	2,190	2,537	2,544
13	2,929	2,786	2,799	2,707	2,794	2,865	2,749	1,329	2,968	2,680	2,681	2,670	2,872	2,591	2,444	2,541	2,548
14	2,861	2,749	2,803	2,708	2,797	2,850	2,839	792	2,984	2,677	2,679	2,672	2,839	2,592	2,802	2,538	2,547
15	2,801	2,750	2,805	2,708	2,797	2,839	2,845	2,486	2,985	2,677	2,678	2,672	2,764	2,590	2,817	2,537	2,545
16	2,806	2,755	2,807	2,712	2,807	2,798	2,849	2,829	2,989	2,681	2,682	2,677	2,690	2,594	2,819	2,541	2,549
17	2,807	2,755	2,805	2,711	2,806	2,751	2,851	2,853	2,944	2,678	2,680	2,679	2,686	2,595	2,748	2,540	2,547
18	2,805	2,757	2,799	2,711	2,807	2,742	2,770	2,856	2,894	2,678	2,679	2,681	2,668	2,594	2,707	2,539	2,546
19	2,807	2,759	2,764	2,713	2,810	2,686	2,759	2,859	2,888	2,682	2,683	2,686	2,643	2,598	2,711	2,542	2,550
20	2,804	2,756	2,761	2,710	2,807	2,685	2,757	2,858	2,823	2,680	2,681	2,683	2,640	2,594	2,709	2,544	2,546
21	2,793	2,755	2,760	2,709	2,806	2,685	2,757	2,856	2,821	2,679	2,679	2,683	2,628	2,550	2,665	2,546	2,544
22	2,759	2,758	2,763	2,712	2,810	2,689	2,757	2,859	2,802	2,682	2,683	2,689	2,596	2,550	2,657	2,551	2,547
23	2,755	2,759	2,760	2,709	2,806	2,686	2,754	2,855	2,752	2,680	2,680	2,687	2,594	2,548	2,654	2,548	2,545
24	2,755	2,760	2,745	2,709	2,806	2,685	2,755	2,854	2,751	2,679	2,679	2,686	2,592	2,547	2,610	2,545	2,542
			-			-											
TOTAL	63,341	66,207	66,520	65,052	65,809	66,826	65,782	63,988	68,910	64,373	64,330	64,288	65,615	61,475	62,438	61,587	61,123
Cumulative Output Sold, kWhr	63,341	129,548	196,068	261,120	326,929	393,755	459,537	523,525	592,435	656,808	721,138	785,426	851,041	912,516	974,954	1,036,541	1,097,664
Transformer and line efficiency	99.8%	99.8%	99.9%	99.8%	99.8%	99.8%	99.9%	99.7%	99.8%	99.8%	99.9%	99.8%	99.8%	99.8%	99.8%	99.8%	99.9%
Hourly average	2,639	2,759	2,772	2,711	2,742	2,784	2,741	2,666	2,871	2,682	2,680	2,679	2,734	2,561	2,602	2,566	2,547

OCTOBER 2015																	
CNBE Daily Reports Summary Dat																	
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday			
	10/18/2015	10/19/2015	10/20/2015	10/21/2015	10/22/2015	10/23/2015	10/24/2015	10/25/2015	10/26/2015	10/27/2015	10/28/2015	10/29/2015	10/30/2015	10/31/2015	TOTAL	Biogas	LFG
LFG and Biogas Flow to the Engine	1,584	1,554	1,560	1,518	1,475	1,496	1,490	1,410	1,471	1,457	1,428	1,452	1,419	1,450	47,009	3,885	43,124
LFG and Biogas Flow to the Engine	799	789	801	778	775	775	773	740	749	760	766	799	770	782	24,629	2,751	21,878
LFG and Biogas Flow to the Flare (	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.2%	89%
LFG and BiogasFlow to the Flare (I	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LFG and Biogas Total Flow (KSCF	1,584	1,554	1,560	1,518	1,475	1,496	1,490	1,410	1,471	1,457	1,428	1,452	1,419	1,450	47,009		
LFG and Biogas Total Flow (MMBT	799	789	801	778	775	775	773	740	749	760	766	799	770	782	24,629		
Average Methane Content (%)	49.8	50.1	50.8	50.6	51.9	51.2	51.3	51.8	50.3	51.5	53.0	54.3	53.6	53.3	51.8		
Engine 1 Hours	24	22	24	24	24	24	24	24	24	24	24	24	24	24	742		
Engine 2 Hours	24	24	24	24	24	24	24	24	23	25	24	24	24	24	742		
Engine 3 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	743		
Engine 4 Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	734		
Generator 1 Power Output (kWhr)	15,402	12,044	15,648	15,306	16,258	14,938	15,574	15,862	15,108	15,418	16,356	16,482	15,048	15,098	500,494		
Generator 2 Power Output (kWhr)	15,492	16,800	15,848	15,860	15,658	15,566	15,038	15,036	15,036	15,036	15,886	16,862	15,918	15,032	510,738		
Generator 3 Power Output (kWhr)	16,756	16,882	16,760	16,522	16,762	16,764	16,760	16,760	16,762	16,760	16,760	16,758	16,756	16,758	521,906		
Generator 4 Power Output (kWhr)	15,470	17,100	15,618	15,248	14,978	14,980	14,982	14,976	14,982	14,984	14,984	16,668	15,112	14,982	482,764		
Gross Power Output (kWhr)	63,081	62,792	63,860	62,920	63,642	62,229	62,331	62,611	61,871	62,171	63,971	66,746	62,816	61,844	2,015,358		
Net Power Output (kWhr)	61,104	60,784	61,912	60,968	61,704	60,336	60,472	60,800	59,904	60,264	62,096	64,824	60,952	60,000	1,955,776		
Power Sold as metered by NStar, (	61,072	60,715	61,775	60,811	61,537	60,195	60,333	60,671	59,776	60,146	61,955	64,649	60,795	59,869	1,951,963	CRMCB inplant	
Offgrid RECs (kWhr)	1,977	2,008	1,947	1,952	1,938	1,893	1,859	1,811	1,967	1,907	1,875	1,922	1,864	1,844	59,585	8,990	
Calculated Performance Results																15%	
Daily																of total in-plant	
Power output (kW average whe																power	
Generator 1	642	547	652	638	677	622	649	661	630	642	682	687	627	629			
Generator 2	646	700	660	661	652	649	627	627	654	601	662	703	663	626			
Generator 3	698	703	698	688	698	699	698	698	698	698	698	698	698	698			
Generator 4	645	713	651	635	624	624	624	624	624	624	624	695	630	624			
Power output (kW average ove																	
Facility Gross	2,628	2,616	2,661	2,622	2,652	2,593	2,597	2,609	2,578	2,590	2,665	2,781	2,617	2,577			
Facility Net	2,546	2,533	2,580	2,540	2,571	2,514	2,520	2,533	2,496	2,511	2,587	2,701	2,540	2,500			
In-plant load	82	84	81	81	81	79	77	75	82	79	78	80	78	77			
Daily availability factor																	
Facility	100%	98%	100%	100%	100%	100%	100%	100%	99%	101%	100%	100%	100%	100%			
Engine 1	100%	92%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%			
Engine 2	100%	100%	100%	100%	100%	100%	100%	100%	96%	104%	100%	100%	100%	100%			
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%			
Engine 4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%			
Daily capacity factor																	
Facility	80%	79%	81%	79%	80%	79%	79%	79%	78%	78%	81%	84%	79%	78%			
Engine 1	78%	66%	79%	77%	82%	75%	79%	80%	76%	78%	83%	83%	76%	76%			
Engine 2	78%	85%	80%	80%	79%	79%	76%	76%	79%	73%	80%	85%	80%	76%			
Engine 3	85%	85%	85%	83%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%			
Engine 4	78%	86%	79%	77%	76%	76%	76%	76%	76%	76%	76%	84%	76%	76%			
Cumulative by engine																	
Engine operating run hours in t																	
Max Cumulative Available,	432	456	480	504	528	552	576	600	624	648	672	696	720	720			
Engine 1	432	454	478	502	526	550	574	598	622	646	670	694	718	718			
Engine 2	430	454	478	502	526	550	574	598	621	646	670	694	718	718			
Engine 3	431	455	479	503	527	551	575	599	623	647	671	695	719	719			
Engine 4	422	446	470	494	518	542	566	590	614	638	662	686	710	710			
Engine operating run hours tota																	
Engine 1	78,734	78,756	78,780	78,804	78,828	78,852	78,876	78,900	78,924	78,948	78,972	78,996	79,020	79,020			
Engine 2	75,141	75,165	75,189	75,213	75,237	75,261	75,285	75,309	75,332	75,357	75,381	75,405	75,429	75,429			
Engine 3	77,880	77,904	77,928	77,952	77,976	78,000	78,024	78,048	78,072	78,096	78,120	78,144	78,168	78,168			
Engine 4	74,488	74,512	74,536	74,560	74,584	74,608	74,632	74,656	74,680	74,704	74,728	74,752	74,776	74,776			
Cumulative availability, %																	
Engine 1	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%			
Engine 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%			
Engine 4	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	99%	99%	99%	99%			
Engine cumulative gross outpu																	
Max cumulative capacity or	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	12,556	13,104	13,756	14,394	15,071	15,693	16,342	17,003	17,633	18,275	18,957	19,643	20,270	20,273			
Engine 2	12,857	13,557	14,217	14,878	15,530	16,179	16,805	17,432	18,086	18,687	19,349	20,051	20,715	20,678			
Engine 3	12,704	13,407	14,106	14,794	15,493	16,191	16,889	17,588	18,286	18,984	19,683	20,381	21,079	21,079			
Engine 4	12,056	12,769	13,419	14,055	14,679	15,303	15,927	16,551	17,175	17,800	18,424	19,119	19,748	19,743			
Cumulative capacity factor, %																	
Engine 1	85%	84%	83%	83%	83%	83%	83%	82%	82%	82%	82%	82%	82%	82%			
Engine 2	87%	86%	86%	86%	86%	85%	85%	85%	84%	84%	84%	84%	84%	84%			
Engine 3	86%	86%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%			
Engine 4	81%	81%	81%	81%	81%	81%	80%	80%	80%	80%	80%	80%	80%	80%			

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	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday			
	10/18/2015	10/19/2015	10/20/2015	10/21/2015	10/22/2015	10/23/2015	10/24/2015	10/25/2015	10/26/2015	10/27/2015	10/28/2015	10/29/2015	10/30/2015	10/31/2015	TOTAL	Biogas	LFG
Cumulative by Facility in month																	
Max cumulative available engi	1,728	1,824	1,920	2,016	2,112	2,208	2,304	2,400	2,496	2,592	2,688	2,784	2,880	2,880			
Actual cumulative engine run h	1,715	1,809	1,905	2,001	2,097	2,193	2,289	2,385	2,480	2,577	2,673	2,769	2,865	2,865			
Cumulative Availability, %	99.2%	99.2%	99.2%	99.3%	99.3%	99.3%	99.3%	99.4%	99.4%	99.4%	99.4%	99.5%	99.5%	99.5%			
Max cumulative gross output, k	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	1,195,554	1,258,346	1,322,206	1,385,126	1,448,768	1,510,997	1,573,328	1,635,939	1,697,810	1,759,981	1,823,952	1,890,698	1,953,514	1,952,542			
Cumulative Capacity Factor	83.9%	83.6%	83.5%	83.3%	83.1%	82.9%	82.8%	82.6%	82.4%	82.3%	82.2%	82.3%	82.2%	82.2%			
Cumulative fuel input, MMBtu H	14,574	15,363	16,164	16,942	17,717	18,491	19,265	20,005	20,754	21,513	22,279	23,078	23,848	23,859			
Cumulative gross output, kWhr	1,195,554	1,258,346	1,322,206	1,385,126	1,448,768	1,510,997	1,573,328	1,635,939	1,697,810	1,759,981	1,823,952	1,890,698	1,953,514	1,952,542			
Heat Rate																	
Daily heat rate, Btu/kWe gross	11,399	11,304	11,294	11,124	10,962	11,208	11,170	10,639	10,895	11,001	10,772	10,773	11,035	11,377			
Daily heat rate, Btu/kWe gross	12,663	12,557	12,546	12,357	12,177	12,451	12,408	11,819	12,103	12,221	11,966	11,968	12,258	12,638			
Cumulative heat rate, Btu/kWe	10,974	10,990	11,005	11,010	11,008	11,016	11,023	11,008	11,004	11,004	10,996	10,988	10,989	11,000			
Cumulative heat rate, Btu/kWe	12,190	12,209	12,225	12,231	12,229	12,238	12,245	12,228	12,224	12,224	12,215	12,206	12,208	12,220			
Cumulative by Facility starting C																	
Max cumulative available engi	27,452	27,548	27,644	27,740	27,836	27,932	28,028	28,124	28,220	28,316	28,412	28,508	28,604	28,604			
Actual cumulative engine run h	22,140	22,234	22,330	22,426	22,522	22,618	22,714	22,810	22,905	23,002	23,098	23,194	23,290	23,290			
Cumulative Availability, %	80.6%	80.7%	80.8%	80.8%	80.9%	81.0%	81.0%	81.1%	81.2%	81.2%	81.3%	81.4%	81.4%	81.4%			
Max cumulative gross output, k	22,647,900	22,727,100	22,806,300	22,885,500	22,964,700	23,043,900	23,123,100	23,202,300	23,281,500	23,360,700	23,439,900	23,519,100	23,598,300	23,598,300			
Actual cumulative gross output	16,948,029	17,010,821	17,074,681	17,137,601	17,201,243	17,263,472	17,325,803	17,388,414	17,450,285	17,512,456	17,576,427	17,643,173	17,705,989	17,705,017			
Cumulative Capacity Factor	74.8%	74.8%	74.9%	74.9%	74.9%	74.9%	74.9%	74.9%	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%			
Cumulative fuel input, MMBtu H	212,469	213,257	214,058	214,836	215,611	216,386	217,159	217,899	218,648	219,408	220,173	220,972	221,742	221,754			
Cumulative gross output, kWhr	16,948,029	17,010,821	17,074,681	17,137,601	17,201,243	17,263,472	17,325,803	17,388,414	17,450,285	17,512,456	17,576,427	17,643,173	17,705,989	17,705,017			
Cumulative heat rate, Btu/kWe	11,285	11,285	11,285	11,285	11,284	11,283	11,283	11,281	11,279	11,278	11,276	11,275	11,274	11,275			
Cumulative heat rate, Btu/kWe	12,536	12,537	12,537	12,536	12,535	12,534	12,534	12,531	12,530	12,529	12,527	12,525	12,524	12,525			
Service																	
Engine 1																	
Engine 2																	
Engine 3																	
Engine 4																	
Oil - oil and filter change		Vacuator pumped out Tank 1 silt.															
Service - plugs, air filter, valve insp				PP tune	PP tune	PP tune											
Precipitation																	

NSTAR Power Reports	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
Date	10/18/2015	10/19/2015	10/20/2015	10/21/2015	10/22/2015	10/23/2015	10/24/2015	10/25/2015	10/26/2015	10/27/2015	10/28/2015	10/29/2015	10/30/2015	10/31/2015	TOTAL
Hour															
1	2,547	2,543	2,635	2,563	2,490	2,560	2,491	2,564	2,486	2,490	2,490	2,638	2,566	2,489	
2	2,545	2,541	2,596	2,603	2,523	2,561	2,489	2,563	2,484	2,487	2,488	2,635	2,547	2,488	
3	2,543	2,537	2,559	2,629	2,557	2,560	2,486	2,560	2,481	2,484	2,485	2,680	2,488	2,485	
4	2,545	2,543	2,564	2,633	2,564	2,565	2,505	2,565	2,484	2,488	2,491	2,707	2,492	2,489	
5	2,545	2,540	2,562	2,631	2,563	2,562	2,560	2,563	2,482	2,488	2,511	2,708	2,491	2,487	
6	2,541	2,538	2,559	2,629	2,560	2,560	2,558	2,561	2,480	2,485	2,558	2,704	2,486	2,483	
7	2,545	2,542	2,564	2,633	2,565	2,564	2,510	2,563	2,484	2,489	2,564	2,710	2,492	2,488	
8	2,544	2,451	2,562	2,614	2,564	2,510	2,489	2,563	2,483	2,489	2,563	2,756	2,485	2,487	
9	2,542	2,309	2,523	2,554	2,558	2,482	2,486	2,543	2,477	2,486	2,561	2,813	2,619	2,486	
10	2,547	2,317	2,479	2,552	2,551	2,478	2,489	2,495	2,477	2,492	2,560	2,817	2,586	2,491	
11	2,545	2,316	2,480	2,547	2,548	2,474	2,485	2,493	2,476	2,494	2,557	2,811	2,552	2,490	
12	2,543	2,268	2,538	1,749	2,547	2,475	2,475	2,559	2,470	2,545	2,550	2,695	2,551	2,491	
13	2,548	2,297	2,557	2,696	2,554	2,479	2,482	2,566	2,478	2,554	2,597	2,699	2,552	2,522	
14	2,547	2,386	2,554	2,622	2,554	2,479	2,557	2,565	2,482	2,556	2,629	2,699	2,558	2,486	
15	2,546	2,590	2,602	2,595	2,551	2,481	2,551	2,557	2,484	2,502	2,627	2,697	2,559	2,487	
16	2,550	2,704	2,627	2,554	2,588	2,491	2,495	2,493	2,516	2,485	2,636	2,702	2,564	2,493	
17	2,548	2,706	2,628	2,552	2,628	2,492	2,492	2,491	2,563	2,511	2,635	2,703	2,563	2,492	
18	2,545	2,705	2,629	2,547	2,625	2,488	2,489	2,487	2,557	2,562	2,635	2,703	2,560	2,489	
19	2,547	2,709	2,632	2,483	2,629	2,492	2,493	2,491	2,492	2,565	2,639	2,694	2,563	2,493	
20	2,544	2,644	2,630	2,486	2,593	2,489	2,506	2,489	2,489	2,538	2,638	2,635	2,561	2,490	
21	2,541	2,630	2,615	2,483	2,553	2,487	2,559	2,484	2,487	2,488	2,634	2,631	2,495	2,488	
22	2,544	2,635	2,562	2,487	2,559	2,491	2,565	2,488	2,491	2,492	2,638	2,636	2,491	2,493	
23	2,541	2,633	2,560	2,485	2,558	2,489	2,561	2,486	2,488	2,491	2,636	2,616	2,489	2,523	
24	2,539	2,631	2,558	2,484	2,555	2,486	2,560	2,482	2,485	2,485	2,633	2,560	2,485	2,559	
TOTAL	61,072	60,715	61,775	60,811	61,537	60,195	60,333	60,671	59,776	60,146	61,955	64,649	60,795	59,869	
Cumulative Output Sold, kV	1,158,736	1,219,451	1,281,226	1,342,037	1,403,574	1,463,769	1,524,102	1,584,773	1,644,549	1,704,695	1,766,650	1,831,299	1,892,094	1,951,963	
Transformer and line efficien	99.9%	99.9%	99.8%	99.7%	99.7%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.7%	99.7%	99.8%	0.0%
Hourly average	2,545	2,530	2,574	2,534	2,564	2,508	2,514	2,528	2,491	2,506	2,581	2,694	2,533	2,495	2,624

Exhibit 6

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

Landfill Gas Flow Calculation

Crapo Hill Landfill, New Bedford/Dartmouth, Massachusetts

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

		Engine 1, kW	720	750	750	600	630	620
		Engine 2, kW	724	750	825	800	790	780
		Engine 3, kW	700	650	750	780	800	740
		Engine 4, kW	625	750	670	780	780	740
		Gross, kW	2,769	2,900	2,995	2,960	3,000	2,880
MEASURING INSTRUMENT:		Pitot Tube:	166	166	166	166	166	166
		Manometer:	Dwyer Mark II	Dwyer Mark II	Dwyer Mark II	Dwyer Mark II	Dwyer Mark II	Dwyer Mark II
DATE OF MEASUREMENT:			12-Oct-15	10-Nov-15	10-Dec-15	11-Jan-16	10-Feb-16	8-Mar-16
TIME OF MEASUREMENT:			**11:30**	**15:00**	**16:00**	**12:00**	**11:30**	**14:00**
PARAMETERS		UNITS	VALUES	VALUES	VALUES	VALUES	VALUES	VALUES
Pipe dimensions								
Inside Diameter		inches	**10.420**	**10.420**	**10.420**	**10.420**	**10.420**	**10.420**
Area of cross section		square feet	0.5922	0.5922	0.5922	0.5922	0.5922	0.5922
Flow Calculation								
Kp	pitot tube constant	ft/sec[(lb/lb-mole)(in. Hg)/(R)(in H20)]^1/2	85.49	85.49	85.49	85.49	85.49	85.49
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 H20	**0.258**	**0.217**	**0.240**	**0.252**	**0.246**	**0.246**
Blower Inlet								
Ts	Stack temperature	Degrees Fahrenheit	**82**	**79**	**72**	**68**	**65**	**68**
		Degrees Rankine	542	539	532	528	525	528
Pg	Stack static pressure	inch H20	-59	-60	-60	-60	-60	-59
		inch Hg	(4.34)	(4.41)	(4.41)	(4.41)	(4.41)	(4.34)
Ps	Absolute stack gas pressure	inch Hg	25.51	25.82	25.61	25.24	25.20	25.88
Blower Outlet								
Ts	Stack temperature	Degrees Fahrenheit	**118**	**120**	**120**	**120**	**120**	**119**
		Degrees Rankine	578	580	580	580	580	579
Pg	Stack static pressure	inch H20	55.4	55.4	55.4	55.4	52.6	52.6
		inch Hg	4.07	4.07	4.07	4.07	3.87	3.87
		psig	2.00	2.00	2.00	2.00	1.90	1.90
Pbar	Barometric pressure	inch Hg	**29.85**	**30.23**	**30.02**	**29.65**	**29.61**	**30.22**
Ps	Absolute stack gas pressure	inch Hg	33.92	34.30	34.09	33.72	33.48	34.09
Ms	Molecular weight of stack gas, wet	lb/lb-mole	27.99	27.25	27.51	27.54	27.75	28.09
Vs	Average stack gas velocity	feet per second	37.8	34.8	36.4	37.4	36.7	36.1
Qact	Volumetric Flow	actual cubic feet per minute	1,344	1,238	1,293	1,330	1,304	1,283
Qstd	**Volumetric Flow at actual methane content**	**standard cubic feet per minute ***	**1,116**	**1,046**	**1,098**	**1,122**	**1,105**	**1,110**
Qstd corr	Volumetric Flow at 50% methane	standard cubic feet per minute **	1,116	1,140	1,215	1,229	1,182	1,236
Ht HHV	Heat input	MMBtu per hour HHV	33.89	34.62	36.88	37.32	35.88	37.53
Ht LHV	Heat input	MMBtu per hour LHV	30.50	31.16	33.20	33.60	32.30	33.79
	Methane Content	%, vol/vol wet	50.00%	54.50%	55.30%	54.80%	53.50%	55.70%
Diff. between pitot tube and orifice reading:			0.4%	-0.4%	1.1%	1.6%	-0.5%	-0.4%
dP	Delta pressure across orifice plate	inches H20	**9.70**	**8.50**	**9.20**	**9.70**	**9.90**	**9.60**
Qact	Volumetric Flow	acfm	1,073	1,007	1,047	1,075	1,090	1,072
Qstd	**Volumetric Flow at actual methane content**	**standard cubic feet per minute ***	**1,112**	**1,051**	**1,086**	**1,103**	**1,110**	**1,114**
Qstd	Volumetric Flow at 50% methane	standard cubic feet per minute **	1,112	1,145	1,201	1,209	1,188	1,241
Ht HHV	Heat input	MMBtu per hour HHV	33.75	34.77	36.48	36.71	36.06	37.67
Ht LHV	Heat input	MMBtu per hour LHV	30.38	31.30	32.84	33.05	32.46	33.91

* 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	12-Oct-15	10-Nov-15	10-Dec-15	11-Jan-16	10-Feb-16	8-Mar-16
Time	11:30	15:00	16:00	12:00	11:30	14:00
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	62	52	51	42	30	45
Barometric Pressure, In Hg	29.85	30.23	30.02	29.65	29.61	30.22
Blower Inlet Temperature, F	82	79	72	68	65	68
Outlet Temperature, F	118	120	120	120	120	119
Blower Inlet Pressure (SP), In H20	-59	-60	-60	-60	-60	-59
Blower Outlet Pressure, PSIG	2.0	2.0	2.0	2.0	1.9	1.9
Blower Outlet Pressure, In H20	55.36	55.36	55.36	55.36	52.59	52.59
Measurement						
Manometer						
Pitot Tube						
Velocity Pressure (dP)						
Point						
1	0.26	0.21	0.23	0.24	0.24	0.24
2	0.26	0.22	0.24	0.25	0.24	0.24
3	0.26	0.22	0.24	0.25	0.24	0.24
4	0.26	0.22	0.24	0.25	0.25	0.25
5	0.26	0.22	0.25	0.26	0.25	0.25
6	0.26	0.22	0.25	0.26	0.25	0.25
7	0.26	0.22	0.24	0.26	0.25	0.25
8	0.25	0.22	0.24	0.25	0.25	0.25
9	0.25	0.20	0.23	0.25	0.24	0.24
Average	0.258	0.217	0.240	0.252	0.246	0.246
Gas Composition						
Compound, %v/v						
Methane (CH4)	50.0%	54.5%	55.3%	54.8%	53.5%	55.7%
Carbon dioxide (CO2)	39.5%	38.2%	40.0%	39.5%	39.7%	39.7%
Oxygen (O2)	1.00%	0.50%	0.40%	0.60%	0.80%	0.80%
Balance gas	9.50%	6.80%	4.30%	5.10%	6.00%	6.00%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	102.2%
Moisture (H20) (included in balance gas	3.7%	3.4%	2.7%	2.3%	2.1%	2.3%
Molecular weight, lb/lb-mole wet	27.99	27.25	27.51	27.54	27.75	28.09

Biogas Flow Measurements									
Q =sqrt(dP/[Ss *(T + 460)/(K^2*D^4 * P * 16590)]									
		SCADA Reading				SCADA Reading	P	P	T
		Pre-calibration	Measured	Measured	Difference between	Post-calibration	static pressure	static pressu	emperatur
Month	Date	flow rate, scfm	dP, inch WG	flow rate, scfm	Measured and SCADA, %	flow rate, scfm	inch WG	psia	F
Jan-15	8-Jan-15	10	0.02	9	5.1%	10	-15	14.16	85
Feb-15	6-Feb-15	8	0.015	8	-3.4%	8	-10	14.34	85
Mar-15	6-Mar-15	25	0.14	25	-0.4%	25	-15	14.16	85
Apr-15	8-Apr-15	50	0.6	51	-2.6%	50	-25	13.79	85
May-15	26-May-15	56	0.7	55	1.1%	56	-25	13.79	85
Jun-15	17-Jun-15	60	0.8	59	1.3%	60	-25	13.79	85
Jul-15	23-Jul-15	71	1.2	73	-2.2%	71	-25	13.79	85
Aug-15	3-Aug-15	60	0.8	59	1.3%	60	-25	13.79	85
Sep-15	30-Sep-15	65	1.0	66	-1.9%	65	-25	13.79	85
Oct-15	26-Oct-15	82	1.5	81	1.7%	82	-30	13.61	85
Nov-15	6-Nov-15	85	1.6	84	1.5%	84	-25	13.79	85
Dec-15	10-Dec-15	35	0.28	35	0.3%	35	-28	13.69	85
Jan-16	11-Jan-16	55	0.68	54	1.4%	55	-30	13.61	85
Feb-16	10-Feb-16	85	1.65	84	0.6%	85	-30	13.61	85
Mar-16	8-Mar-16	30	0.2	29	1.9%	30	-30	13.61	85
Apr-16	19-Apr-16	40	0.36	39	1.3%	40	-30	13.61	85
May-16	3-May-16	70	1.2	72	-2.9%	70	-30	13.61	85
Jun-16	17-Jun-16	35	0.27	34	2.3%	35	-30	13.61	85

CRMC Bioenergy LLC						
Biogas Methane Calibration						
		SCADA Reading		Measured		SCADA Reading
		Pre-calibration	Calibration	Calibration	Difference between	Pre-calibration
Month	Date	Methane, %	Methane, %	Methane, %	Measured and SCADA, %	Methane, %
Oct-15	26-Oct-15	70.0%	55.0%	55.1%	-0.2%	70.0%
Nov-15	6-Nov-15	70.0%	55.0%	55.0%	0.0%	70.0%
Dec-15	10-Dec-15	69.0%	55.0%	54.8%	0.4%	69.0%
Jan-16	11-Jan-16	66.9%	55.0%	55.9%	-1.6%	68.0%
Feb-16	10-Feb-16	68.0%	55.0%	55.2%	-0.4%	68.0%
Mar-16	8-Mar-16	61.1%	55.0%	54.0%	1.8%	60.0%
Apr-16	19-Apr-16	70.0%	55.0%	54.8%	0.4%	70.0%
May-16	3-May-16	70.0%	55.0%	55.0%	0.0%	70.0%
Jun-16	17-Jun-16	72.0%	55.0%	55.3%	-0.5%	72.0%

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

‘California Analytical’ Analyzer Calibration Results

Month: October 2015		**Methane (% v/v) measurements**						
Week	Date	LFG Temp @ blower inlet	Cal Gas dry	Cal Gas wet	Pre-calibration	Zero gas	Span gas	Post-calibration
10/4/15	10/8/15	83 Deg F	55%	54.26%	51.56%	0.12%	54.65%	51.45%
10/11/15	10/15/15	82 Deg F	55%	54.28%	50.27%	0.25%	54.45%	50.10%
10/18/15	10/23/15	81 Deg F	55%	54.30%	49.87%	0.34%	54.10%	49.16%
10/25/15	10/29/15	80 Deg F	55%	54.32%	54.50%	-0.07%	54.16%	54.10%

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‘California Analytical’ Analyzer Calibration Results

Month: November 2015		**Methane (% v/v) measurements**						
Week	Date	LFG Temp @ blower inlet	Cal Gas dry	Cal Gas wet	Pre-calibration	Zero gas	Span gas	Post-calibration
11/1/15	11/4/15	80 Deg F	55%	54.32%	51.21%	0.01%	54.61%	51.45%
11/8/15	11/13/15	78 Deg F	55%	54.36%	53.97%	0.01%	54.35%	53.86%
11/15/15	11/17/15	77 Deg F	55%	54.38%	52.21%	0.02%	54.35%	52.29%
11/22/15	11/23/15	75 Deg F	55%	54.42%	54.60%	0.01%	54.50%	54.69%

CommonWealth New Bedford Energy, LLC
Greater New Bedford LFG Utilization Project
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‘California Analytical’ Analyzer Calibration Results

Month: December 2015		**Methane (% v/v) measurements**						
Week	Date	LFG Temp @ blower inlet	Cal Gas dry	Cal Gas wet	Pre-calibration	Zero gas	Span gas	Post-calibration
11/29/15	12/3/15	72 Deg F	55%	54.47%	56.27%	0.30%	54.75%	56.15%
12/6/15	12/7/15	72 Deg F	55%	54.47%	54.89%	0.33%	54.54%	54.60%
12/13/15	12/18/15	72 Deg F	55%	54.47%	54.77%	-0.10%	54.60%	54.62%
12/20/15	12/23/15	72 Deg F	55%	54.47%	53.65%	0.02%	54.84%	54.07%
12/27/15	12/31/15	71 Deg F	55%	54.49%	55.06%	0.20%	54.10%	54.64%

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Month: Jan 2016		**Methane (% v/v) measurements**						
Week	Date	LFG Temp @ blower inlet	Cal Gas dry	Cal Gas wet	Pre-calibration	Zero gas	Span gas	Post-calibration
1/3/16	1/6/16	70 Deg F	55%	54.50%	53.09%	0.01%	54.65%	53.32%
1/10/16	1/15/16	69 Deg F	55%	54.52%	55.50%	0.00%	54.54%	54.99%
1/17/16	1/21/16	67 Deg F	55%	54.55%	51.80%	0.02%	54.32%	51.89%
1/24/16	1/29/16	67 Deg F	55%	54.55%	54.64%	-0.15%	54.21%	54.50%

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‘California Analytical’ Analyzer Calibration Results

Month: Feb 2016		**Methane (% v/v) measurements**						
Week	Date	LFG Temp @ blower inlet	Cal Gas dry	Cal Gas wet	Pre-calibration	Zero gas	Span gas	Post-calibration
1/31/16	2/5/16	64 Deg F	55%	54.59%	52.92%	0.02%	54.45%	53.25%
2/7/16	2/9/16	66 Deg F	55%	54.56%	54.32%	-2.21%	54.43%	54.64%
2/14/16	2/19/16	66 Deg F	55%	54.56%	54.65%	0.90%	54.49%	54.60%
2/21/16	2/24/16	66 Deg F	55%	54.56%	56.13%	0.73%	54.98%	55.69%

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‘California Analytical’ Analyzer Calibration Results

Month: March 2016		**Methane (% v/v) measurements**						
Week	Date	LFG Temp @ blower inlet	Cal Gas dry	Cal Gas wet	Pre-calibration	Zero gas	Span gas	Post-calibration
2/28/16	3/1/16	67 Deg F	55%	54.55%	56.39%	1.01%	54.57%	56.89%
3/6/16	3/10/16	69 Deg F	55%	54.52%	55.49%	0.35%	54.23%	55.42%
3/13/16	3/18/16	71 Deg F	55%	54.49%	55.21%	0.17%	54.48%	54.97%
3/20/16	3/24/16	70 Deg F	55%	54.50%	52.90%	0.25%	54.23%	52.94%
3/27/16	3/30/16	70 Deg F	55%	54.50%	54.22%	0.10%	54.75%	54.20%

Exhibit 7

Attestation Statement

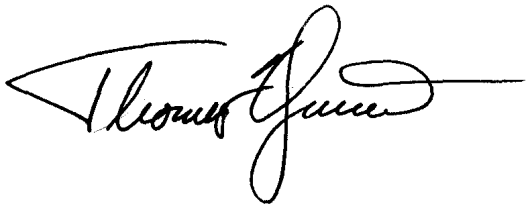
Attestation Statement

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 fourth quarter of 2015 and first quarter of 2016 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



July 7, 2016

Signature Date